YIKDE

PRODUCT SELECTION CATALOG

SHANDONG YIKAIDE HYDRAULIC CO.,LTD

2025. 11

Enterprise Profile >>

Shandong Yikaide Hydraulic Co., Ltd. is located in Zoucheng, Jining, Shandong. The company was established in 2013 and is a high-tech enterprise integrating R&D, manufacturing, sales and service of hydraulic components.

The company covers an area of about 20,000 square meters, with a high-tech plant of 10,000 square meters, more than 80 high-precision processing equipments, more than 10 precision testing instruments, and more than 20 test and detection equipments. The company has 5 invention patents and 26 utility model patents, and has won the "National High-tech Enterprise", "Provincial Specialized and New Enterprise", "Jining One Enterprise One Technology R&D Center Enterprise", has passed some certifications including CE, ISO9001,ISO45001 and ISO45001.

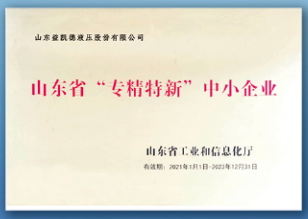
The main products are central swivel joints, multi-way directional valves, counterbalance valves, solenoid valves, manual pumps, synchronous valves, etc. The products are widely used in engineering machinery, mining machinery, special walking machinery, agricultural and forestry machinery and other industries.

Enterprise Honour >>













Enterprise display >>

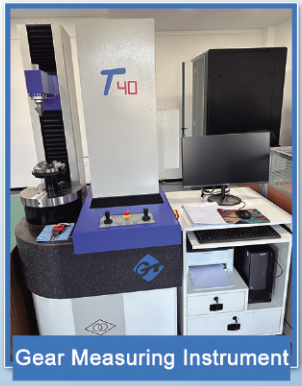

Company Gate


Company Overview


Manufacturing Workshop


Coordinate Measuring Machine

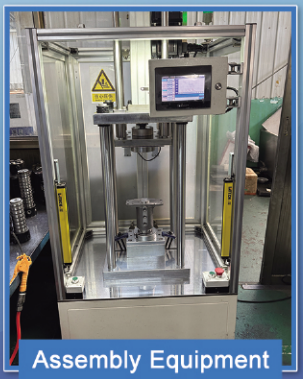

Cylindricity Instrument


Gear Measuring Instrument


Brine Spray Teste


Hydraulic Test Bench


Hydraulic Test Bench


Assembly Equipment

Product display >>

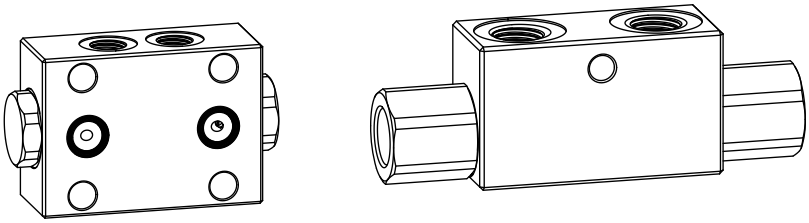


C o n t e n t s

01	Pilot Operated Check Valve	001～015
02	Counterbalance Valve	016～027
03	Multi-way Directional Valve	028～059
04	Comprehensive Valve	060～097
05	Central Swivel Joint	098～207

01

PILOT OPERATED CHECK VALVE



Features：

——Flange and pipe installation methods

——Double sets of working oil ports with no leakage

——Stable opening pressure

——Compact structure, easy installation

——Effective resistance to oil pressure shock

Functional Description：

The bidirectional pilot operated check valve consists of two hydraulic control one-way valves and a pilot valve core and has good locking performance.

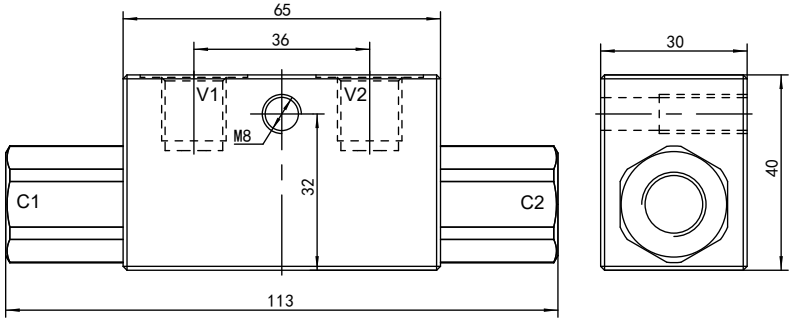
The oil is allowed to flow freely from V1 to C1 or V2 to C2, while the valves remain closed (blocked) in the opposite directions (C1 to V1 or C2 to V2) to hold or lock the hydraulic cylinder or other actuators; reverse flow occurs only when there is sufficient pilot pressure at V1 or V2, at which point V1 or V2 acts as the the pilot port for the other side and pushes the piston pushing the valve core off the valve seat.

Parameters / Type	Installation	Oil portThread	Max. Pressure	Max. Flow	Pilot Ratio	Page
VBPDE G14 L	Tubular	G1/4	32MPa	20L/min	5.7:1	003
VBPDE G12 LA	Tubular	G1/2	32MPa	70L/min	4:1	004
VBPDE G14 2 CEXC	Tubular	G1/4	32MPa	20L/min	5.7:1	005
VBPDE G38 LA	Tubular	G3/8	32MPa	25L/min	4.4:1	006
VBPDE G12 A	Tubular	G1/2	32MPa	55L/min	4.5:1	007
VBPSL G38	Tubular	G3/8	30MPa	30L/min	6.5:1	008
SO-K6B-5W	Flange	M10×1	32MPa	10L/min	6.5:1	009
SO-K6B-9W	Flange	M14×1.5	32MPa	10L/min	4:1	010
SO-K6L-1W	Tubular	M14×1.5	32MPa	12L/min	6.6:1	011
SO-K8B-1	Flange	G3/8	32MPa	40L/min	5.1:1	012
SO-K8B-2	Flange	M18×1.5	32MPa	25L/min	6.6:1	013
SO-K8B-3	Flange	M14×1.5	32MPa	25L/min	5.1:1	014
SO-K8L-2	Tubular	G3/8	32MPa	30L/min	5.1:1	015

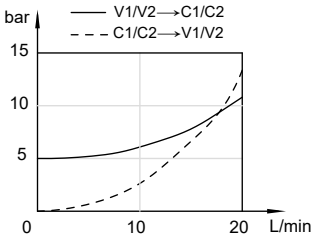
VBPDE G14 L

01

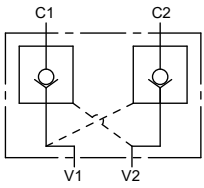
Outline Drawing



Performance Curve Pressure Drop vs.Flow



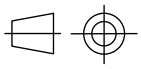
Schematic Diagram



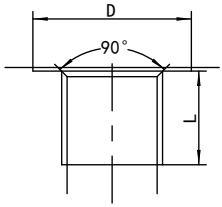
Technical Parameters

Parameters \ Type	VBPDE G14 L
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max. Flow	20L/min
Max. Pressure	32MPa
Pilot Ratio	5.7:1
Weight	0.65kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment

View



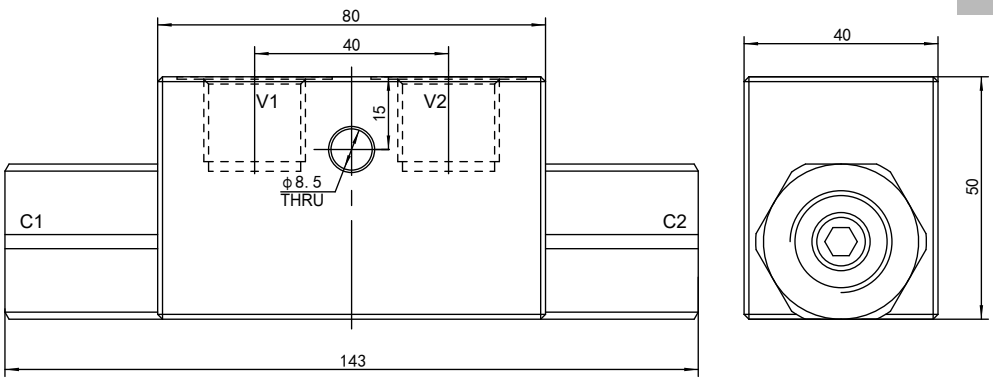
Oil Port



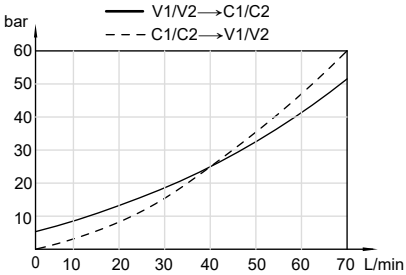
VBPDE G12 LA

01

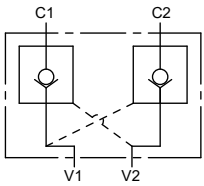
Outline Drawing



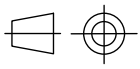
Performance Curve Pressure Drop vs.Flow



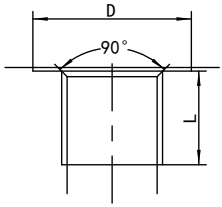
Schematic Diagram



View



Oil Port



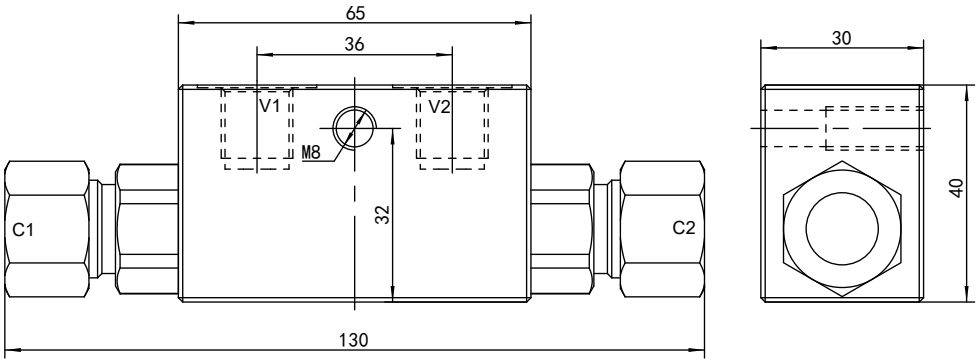
Technical Parameters

Parameters \ Type	VBPDE G12 LA
Oil Port Thread	G1/2 D=32 L=16
Port Dimensions	ISO 1179-1
Max. Flow	70L/min
Max. Pressure	32MPa
Pilot Ratio	4:1
Weight	1.4kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment

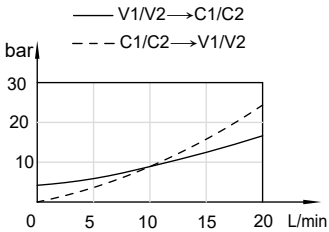
VBPDE G14 2 CEXC

01

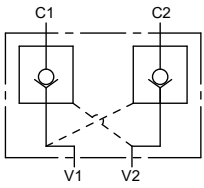
Outline Drawing



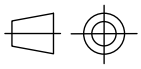
Performance Curve Pressure Drop vs.Flow



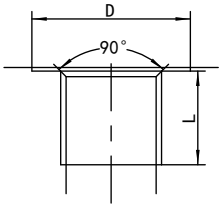
Schematic Diagram



View



Oil Port

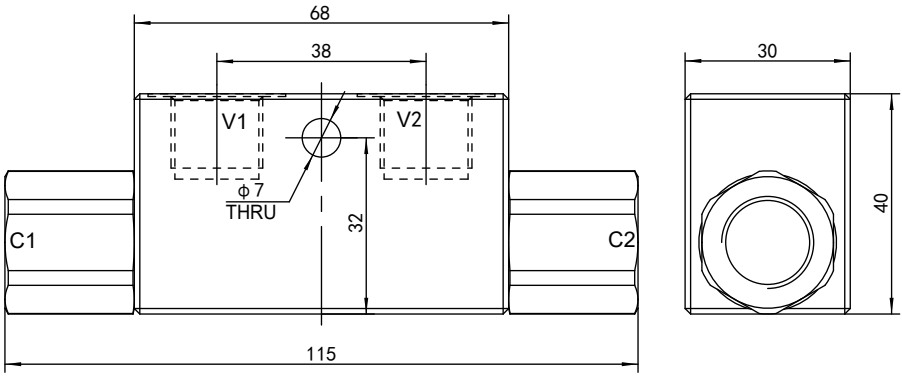


Technical Parameters

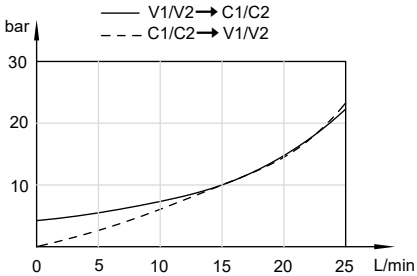
Parameters \ Type	VBPDE G14 2 CEXC
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max. Flow	20L/min
Max. Pressure	32MPa
Pilot Ratio	5.7:1
Weight	0.66kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment

VBPDE G38 LA

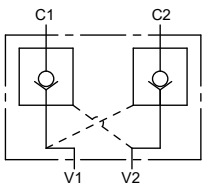
Outline Drawing



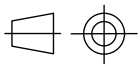
Performance Curve Pressure Drop vs.Flow



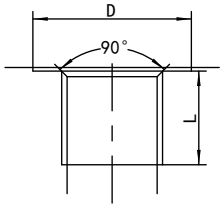
Schematic Diagram



View



Oil Port



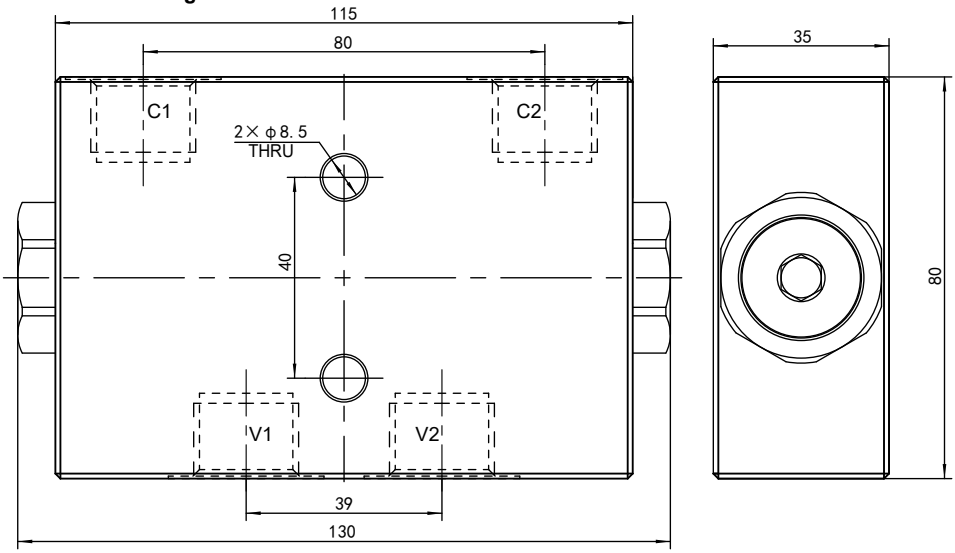
Technical Parameters

Parameters \ Type	VBPDE G38 LA
Oil Port Thread	G3/8 D=25 L=13
Port Dimensions	ISO 1179-1
Max. Flow	25L/min
Max. Pressure	32MPa
Pilot Ratio	4.4:1
Weight	0.65kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment

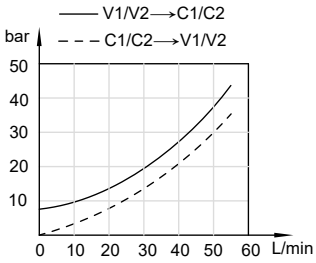
VBPDE G12 A

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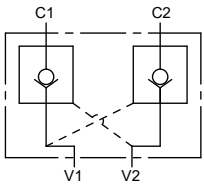
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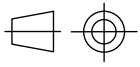
Performance Curve Pressure Drop vs.Flow



Schematic Diagram



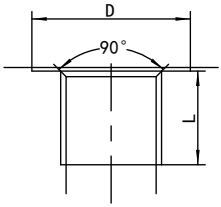
View



Technical Parameters

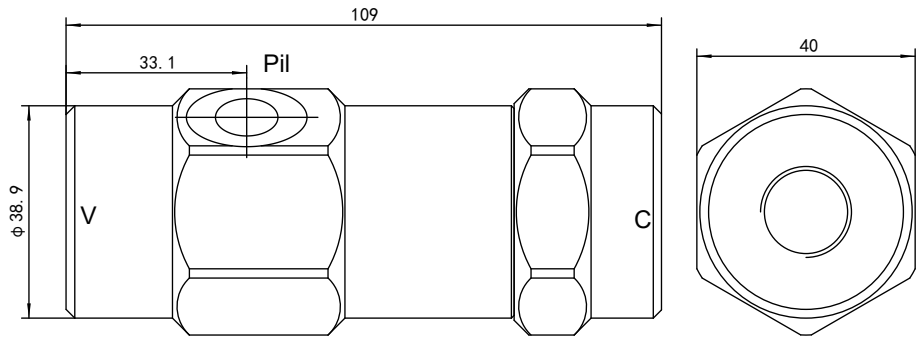
Parameters \ Type	VBPDE G12 A
Oil Port Thread	G1/2 D=31 L=15
Port Dimensions	ISO 1179-1
Max. Flow	55L/min
Max. Pressure	32MPa
Pilot Ratio	4.5:1
Weight	2.2kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment

Oil Port

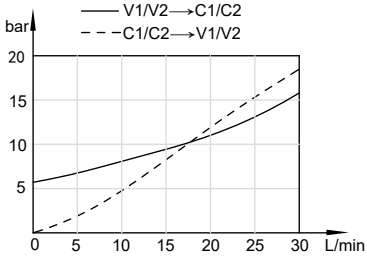


VBPSL G38

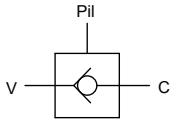
Outline Drawing



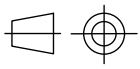
Performance Curve Pressure Drop vs.Flow



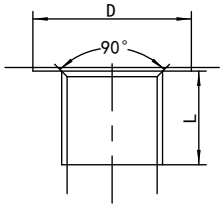
Schematic Diagram



View



Oil Port



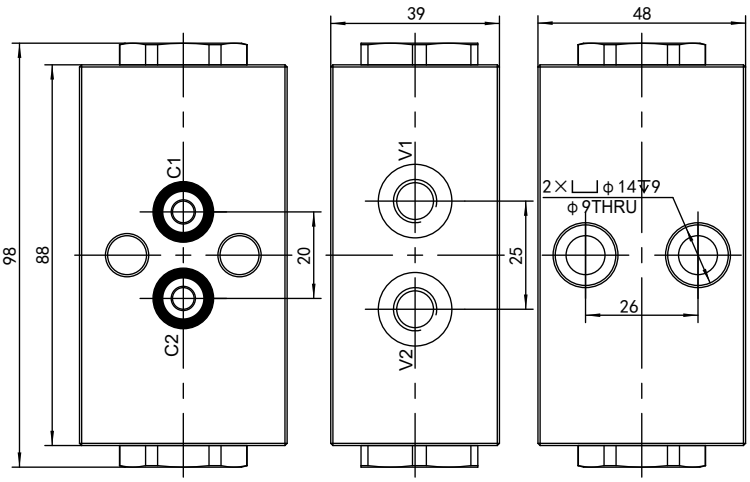
Technical Parameters

Parameters \ Type	VBPSL G38
Oil Port Thread	G3/8 L=14（V.C）
Oil Port Thread	G1/4 D=22 L=12（Pil）
Port Dimensions	ISO 1179-1
Max. Flow	30L/min
Max. Pressure	30MPa
Pilot Ratio	6.5:1
Weight	0.9kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment

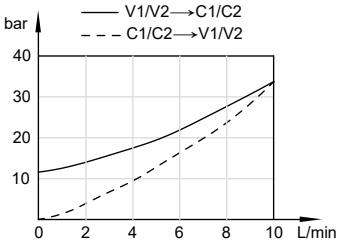
SO-K6B-5W

01

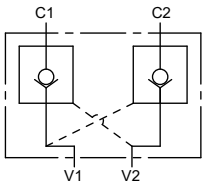
Outline Drawing



Performance Curve Pressure Drop vs.Flow



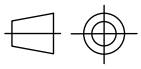
Schematic Diagram



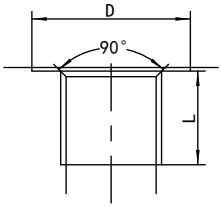
Technical Parameters

Parameters \ Type	SO-K6B-5W
Oil Port Thread	M10×1 D=17 L=10
Port Dimensions	ISO 9974-1
Max. Flow	10L/min
Max. Pressure	32MPa
Pilot Ratio	6.5:1
Weight	1.2kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment
Sealing Form	O-Ring(Shore A 70 NBR)
Sealing Ring Specifications	Ø2.4×IDØ9.4

View

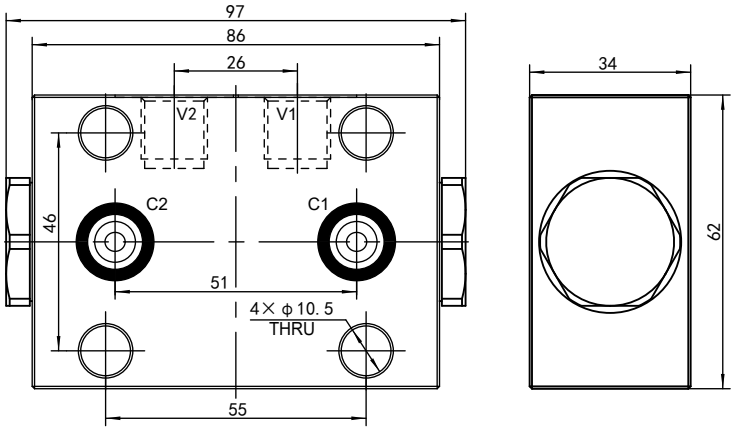


Oil Port

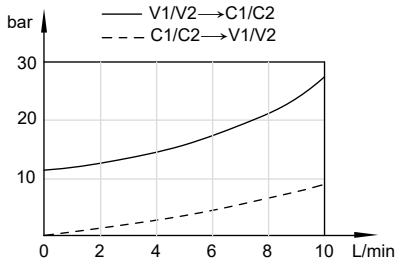


SO-K6B-9W

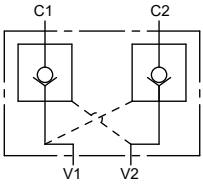
Outline Drawing



Performance Curve Pressure Drop vs.Flow



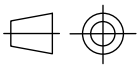
Schematic Diagram



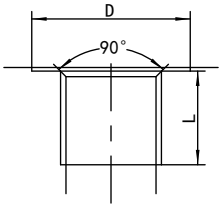
Technical Parameters

Parameters \ Type	SO-K6B-9W
Oil Port Thread	M14×1.5 D=25 L=13
Port Dimensions	ISO 9974-1
Max. Flow	10L/min
Max. Pressure	32MPa
Pilot Ratio	4:1
Weight	1.25kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment
Sealing Form	O-Ring(Shore A 70 NBR)
Sealing Ring Specifications	Ø2.4×IDØ11.2

View



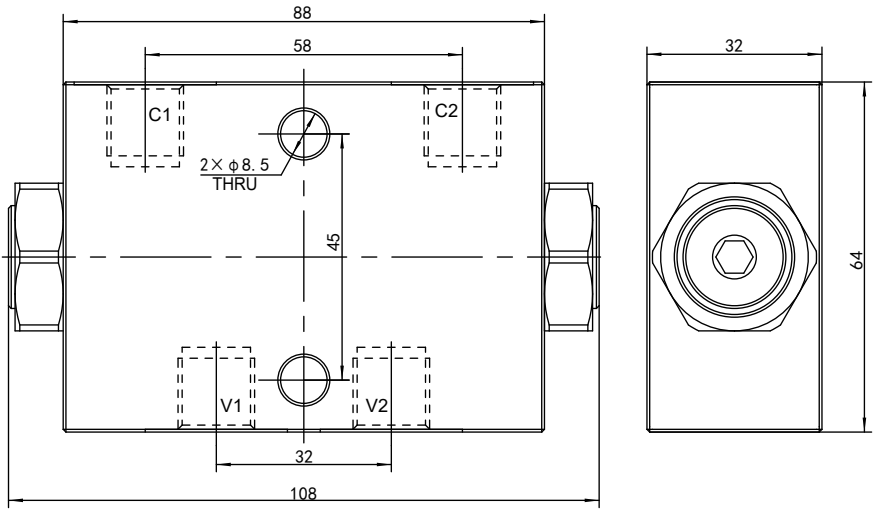
Oil Port



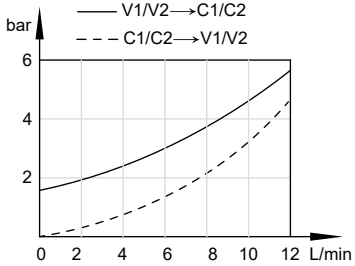
SO-K6L-1W

01

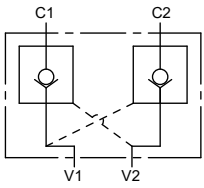
Outline Drawing



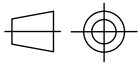
Performance Curve Pressure Drop vs.Flow



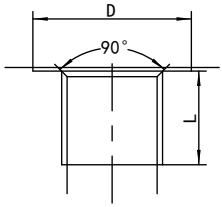
Schematic Diagram



View



Oil Port

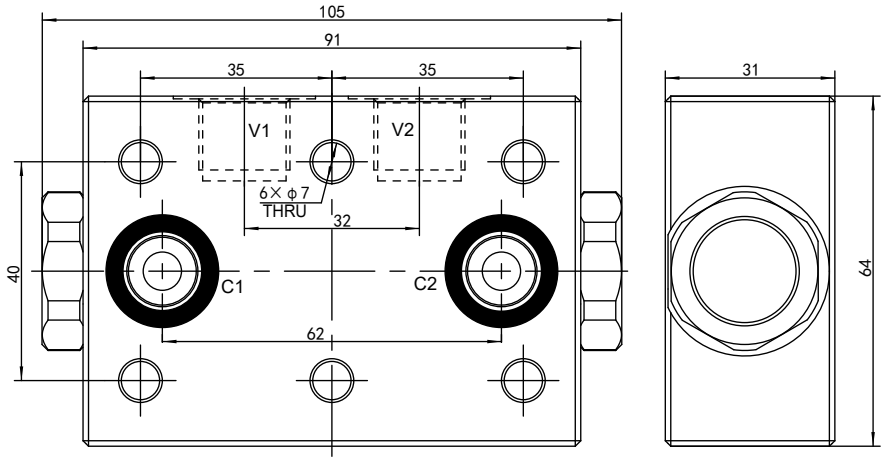


Technical Parameters

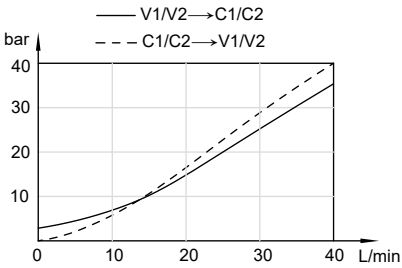
Parameters \ Type	SO-K6L-1W
Oil Port Thread	M14×1.5 D=26 L=14
Port Dimensions	ISO 9974-1
Max. Flow	12L/min
Max. Pressure	32MPa
Pilot Ratio	6.6:1
Weight	1.3kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve body	45 Steel, Surface Electroplating Treatment

SO-K8B-1

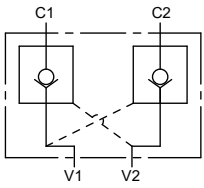
Outline Drawing



Performance Curve Pressure Drop vs.Flow



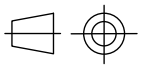
Schematic Diagram



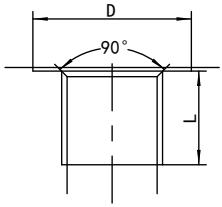
Technical Parameters

Parameters \ Type	SO-K8B-1
Oil Port Thread	G3/8 D=28 L=13
Port Dimensions	ISO 1179-1
Max. Flow	40L/min
Max. Pressure	32MPa
Pilot Ratio	5.1:1
Weight	1.2kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment
Sealing Form	O-Ring(Shore A 70 NBR)
Sealing Ring Specifications	Ø2.4×IDØ15.2

View



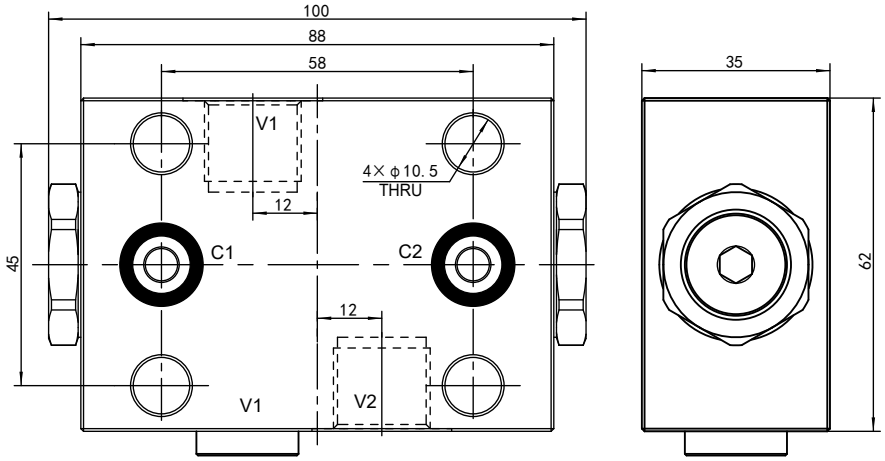
Oil Port



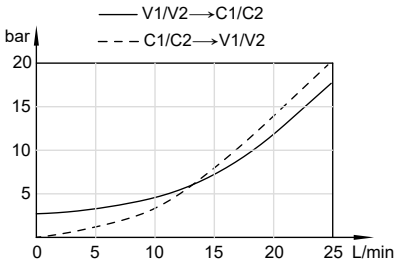
SO-K8B-2

01

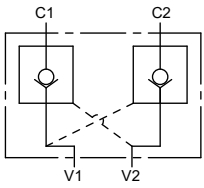
Outline Drawing



Performance Curve Pressure Drop vs.Flow



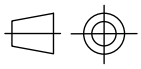
Schematic Diagram



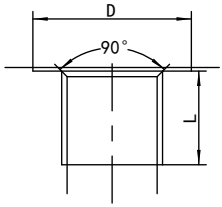
Technical Parameters

Parameters \ Type	SO-K8B-2
Oil Port Thread	M18×1.5 D=28 L=15
Port Dimensions	ISO 9974-1
Max. Flow	25L/min
Max. Pressure	32MPa
Pilot Ratio	6.6:1
Weight	1.2kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment
Sealing Form	O-Ring(Shore A 70 NBR)
Sealing Ring Specifications	Ø2.65×IDØ11

View

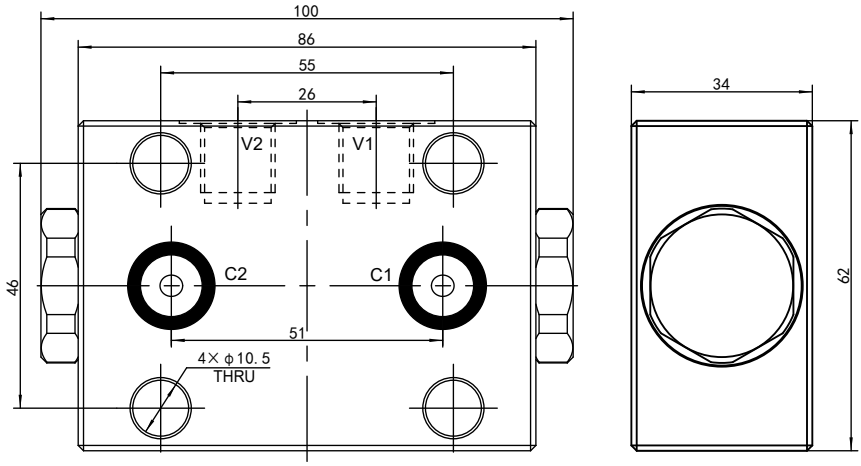


Oil Port

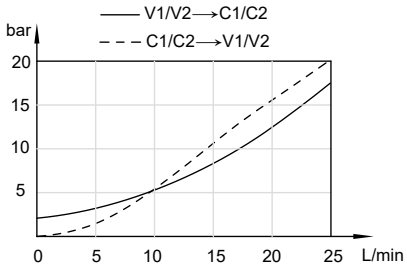


SO-K8B-3

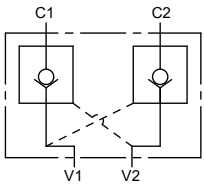
Outline Drawing



Performance Curve Pressure Drop vs.Flow



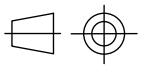
Schematic Diagram



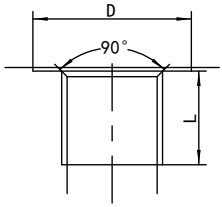
Technical Parameters

Parameters \ Type	SO-K8B-3
Oil Port Thread	M14×1.5 D=22 L=13
Port Dimensions	ISO 9974-1
Max. Flow	25L/min
Max. Pressure	32MPa
Pilot Ratio	5.1:1
Weight	1.3kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS1638 9&ISO4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment
Sealing Form	O-Ring(Shore A 70 NBR)
Sealing Ring Specifications	Ø2.4×IDØ11.6

View



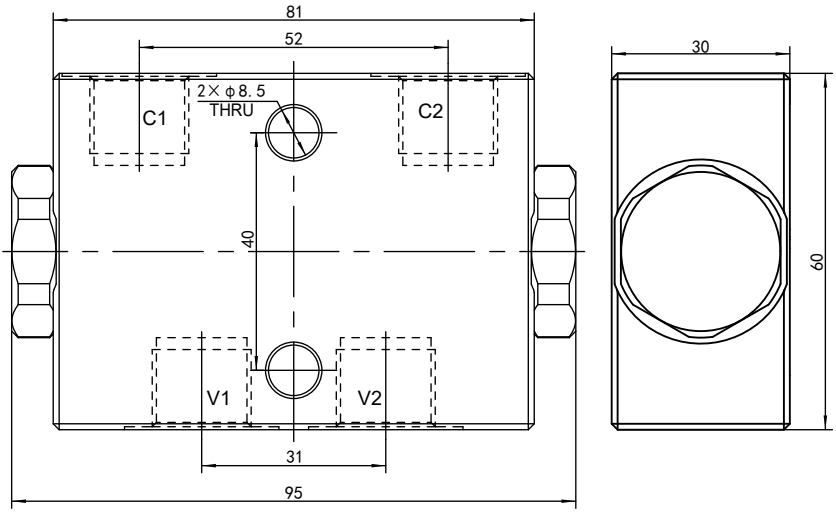
Oil Port



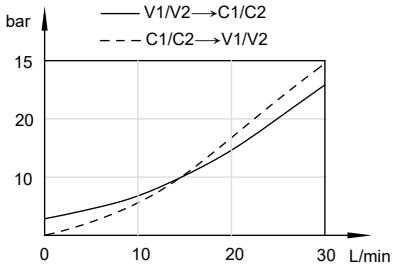
SO-K8L-2

01

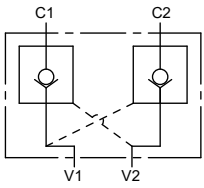
Outline Drawing



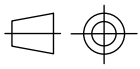
Performance Curve Pressure Drop vs.Flow



Schematic Diagram



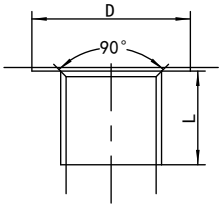
View



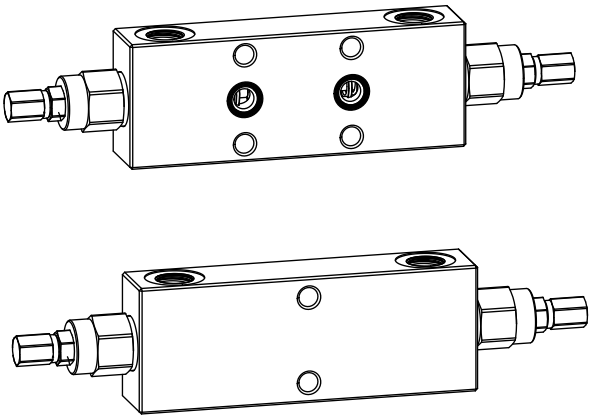
Technical Parameters

Parameters \ Type	SO-K8L-2
Oil Port Thread	G3/8 D=28 L=13
Port Dimensions	ISO 1179-1
Max. Flow	30L/min
Max. Pressure	32MPa
Pilot Ratio	5.1:1
Weight	1kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment

Oil Port



COUNTERBALANCE VALVE



Features：

——Flange and pipe installation methods

——Double sets of working oil ports with no leakage

——Stable opening pressure

——Compact structure, easy installation

——Effective resistance to oil pressure shock

Functional Description：

The counterbalance valve is composed of a check valve and a relief valve core, which has the functions of load holding, safe load and preventing the actuator from losing control.

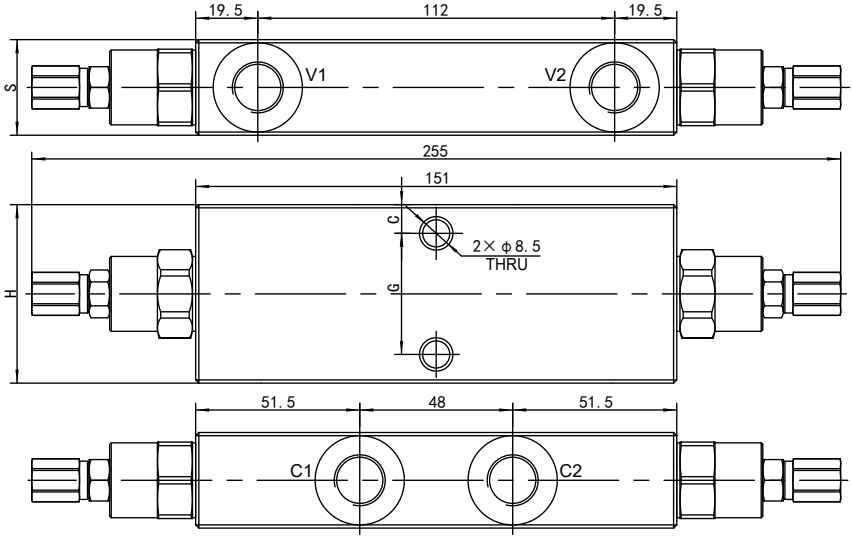
Counterbalance valve achieves static and dynamic control by regulating the hydraulic oil flowing into and out of the actuator through C1 and C2. V1 or V2 acts as a pilot port for the other side, pushing the piston to overcome the spring pressure of the relief valve to push the spool away from the seat. The pressure setting of the relief valve is reduced proportionally according to the ratio until it opens and allows reverse flow. V1 or V2 can be set to a certain operating back pressure according to the pressure.

Parameters / Type	Installation	Oil portThread	Max. Pressure	Max. Flow	Pilot Ratio	Page
VBCD-M18-DE	Tubular	M18×1.5	32MPa	40L/min	4.25:1	018
VBCD-M22-DE	Tubular	M22×1.5	32MPa	60L/min	4.25:1	018
VBCD-G38-DE	Tubular	G3/8	32MPa	40L/min	4.25:1	019
VBCD-G12-DE	Tubular	G1/2	32MPa	60L/min	4.25:1	019
VBCD-M18-DE-FL	Flange	M18×1.5	32MPa	40L/min	4.25:1	020
VBCD-M22-DE-FL	Flange	M22×1.5	32MPa	60L/min	4.25:1	020
VBCD-G38-DE-FL	Flange	G3/8	32MPa	40L/min	4.25:1	021
VBCD-G12-DE-FL	Flange	G1/2	32MPa	60L/min	4.25:1	021
VBCD-M18-SE	Tubular	M18×1.5	32MPa	40L/min	4.25:1	022
VBCD-M22-SE	Tubular	M22×1.5	32MPa	60L/min	4.25:1	022
VBCD-G38-SE	Tubular	G3/8	32MPa	40L/min	4.25:1	023
VBCD-G12-SE	Tubular	G1/2	32MPa	60L/min	4.25:1	023
VBCD-M18-SE-FL	Flange	M18×1.5	32MPa	40L/min	4.25:1	024
VBCD-M22-SE-FL	Flange	M22×1.5	32MPa	60L/min	4.25:1	024
VBCD-G38-SE-FL	Flange	G3/8	32MPa	40L/min	4.25:1	025
VBCD-G12-SE-FL	Flange	G1/2	32MPa	60L/min	4.25:1	025
VBCD-G38-DE-A	Tubular	G3/8	32MPa	40L/min	4.25:1	026
VBCD-G12-DE-A	Tubular	G1/2	32MPa	60L/min	4.25:1	026
VBCD-G38-DE-W	Tubular	G3/8	32MPa	35L/min	3.1:1	027

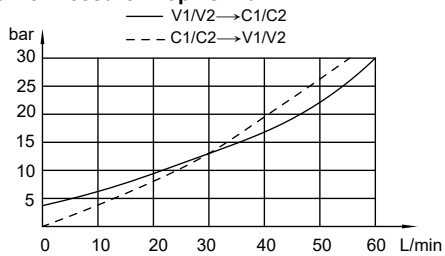
VBCD–M**–DE

02

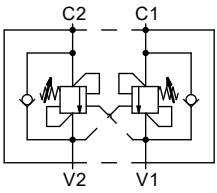
Outline Drawing



Performance Curve Pressure Drop vs.Flow



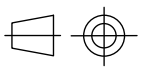
Schematic Diagram



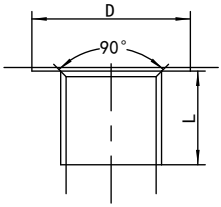
Technical Parameters

Parameters \ Type	VBCD-M18-DE	VBCD-M22-DE
H	55	64
S	30	35
C	9	10.5
G	38	43
Oil Port Thread	M18×1.5 D=26 L=15	M22×1.5 D=32 L=16
Port Dimensions	ISO 9974-1	
Max. Flow	40L/min	60L/min
Max. Pressure	32MPa	
Pilot Ratio	4.25:1	
Weight	1.9kg	2.5kg
Working Temperature	-30～100℃	
Working Medium	Mineral Oil(HL，HLP DIN51524)	
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15	
Valve Body	45 Steel, Surface Electroplating Treatment	

View

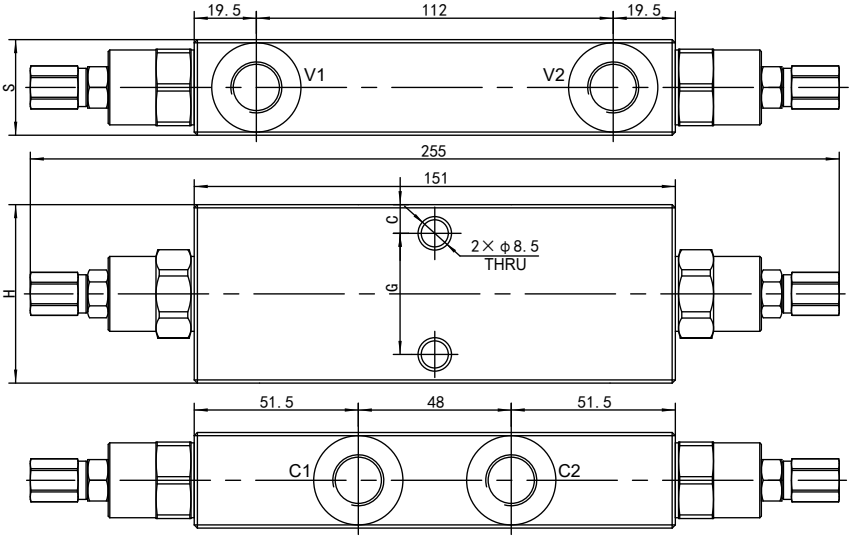


Oil Port

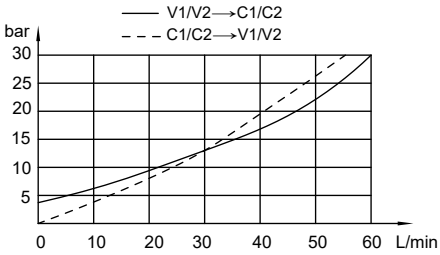


VBCD–G**–DE

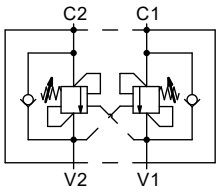
Outline Drawing



Performance Curve Pressure Drop vs.Flow



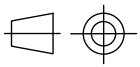
Schematic Diagram



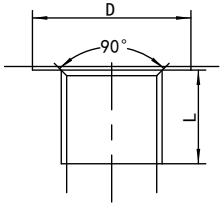
Technical Parameters

Parameters \ Type	VBCD-G38-DE	VBCD-G12-DE
H	55	64
S	30	35
C	9	10.5
G	38	43
Oil Port Thread	G3/8 D=26 L=15	G1/2 D=32 L=16
Port Dimensions	ISO 1179-1	
Max. Flow	40L/min	60L/min
Max. Pressure	32MPa	
Pilot Ratio	4.25:1	
Weight	1.9kg	2.5kg
Working Temperature	-30～100℃	
Working Medium	Mineral Oil(HL，HLP DIN51524)	
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15	
Valve Body	45 Steel, Surface Electroplating Treatment	

View



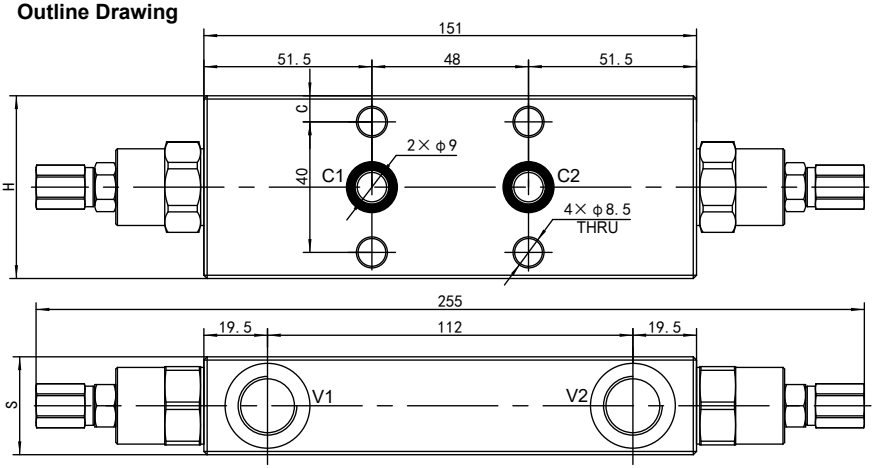
Oil Port



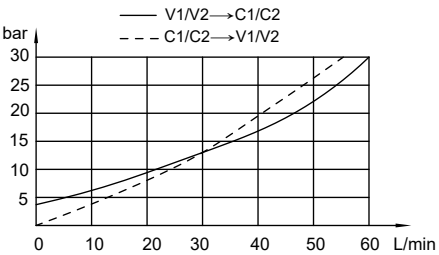
VBCD–M**–DE-FL

02

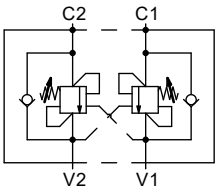
Outline Drawing



Performance Curve Pressure Drop vs.Flow



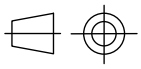
Schematic Diagram



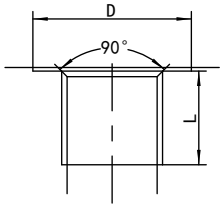
Technical Parameters

Parameters \ Type	VBCD-M18-DE-FL	VBCD-M22-DE-FL
H	55	64
S	30	35
C	8	12
Oil Port Thread	M18×1.5 D=26 L=15	M22×1.5 D=32 L=16
Port Dimensions	ISO 9974-1	
Max. Flow	40L/min	60L/min
Max. Pressure	32MPa	
Pilot Ratio	4.25:1	
Weight	1.9kg	2.5kg
Sealing Form	O-Ring(Shore A 70 NBR)	
Sealing Ring Specifications	Ø2.4×IDØ11.6	
Working Temperature	-30～100℃	
Working Medium	Mineral Oil(HL，HLP DIN51524)	
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15	
Valve Body	45 Steel, Surface Electroplating Treatment	

View

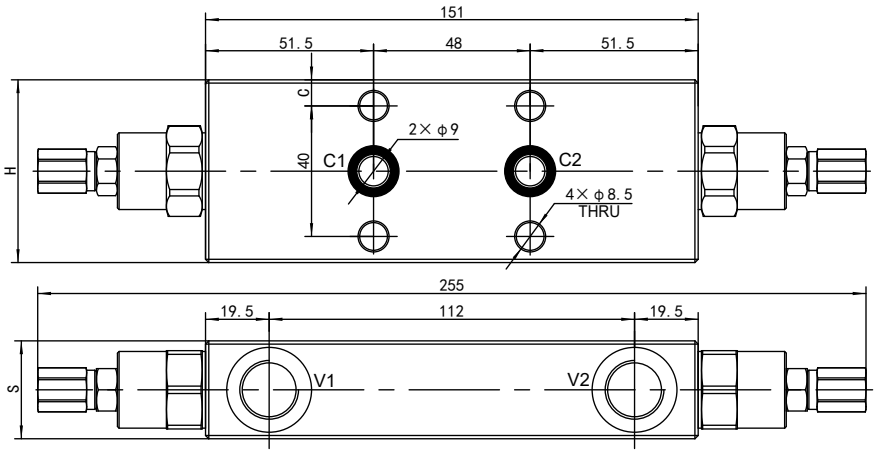


Oil Port

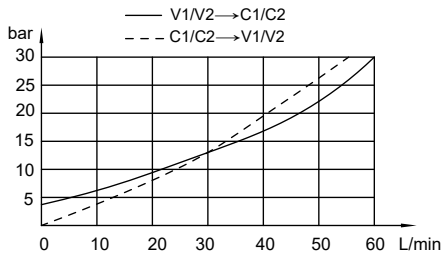


VBCD–G**–DE-FL

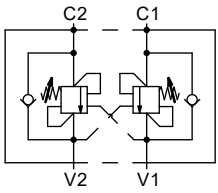
Outline Drawing



Performance Curve Pressure Drop vs.Flow



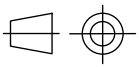
Schematic Diagram



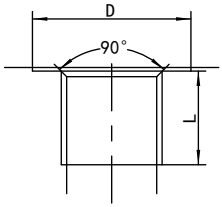
Technical Parameters

Parameters \ Type	VBCD-G38-DE-FL	VBCD-G12-DE-FL
H	55	64
S	30	35
C	8	12
Oil Port Thread	G3/8 D=26 L=15	G1/2 D=32 L=16
Port Dimensions	ISO 1179-1	
Max. Flow	40L/min	60L/min
Max. Pressure	32MPa	
Pilot Ratio	4.25:1	
Weight	1.9kg	2.5kg
Sealing Form	O-Ring(Shore A 70 NBR)	
Sealing Ring Specifications	Ø2.4×IDØ11.6	
Working Temperature	-30～100℃	
Working Medium	Mineral Oil(HL，HLP DIN51524)	
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15	
Valve Body	45 Steel, Surface Electroplating Treatment	

View



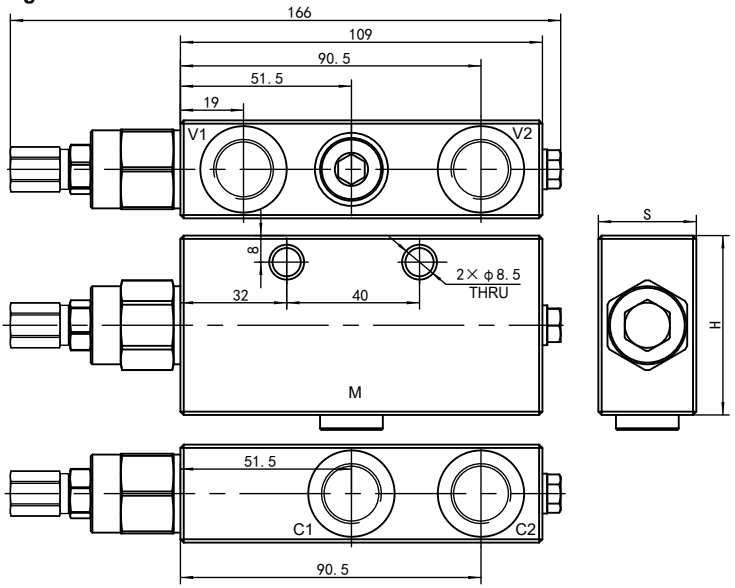
Oil Port



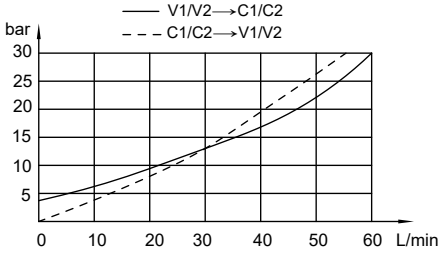
VBCD–M**–SE

02

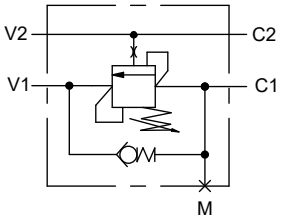
Outline Drawing



Performance Curve Pressure Drop vs.Flow



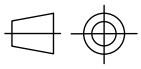
Schematic Diagram



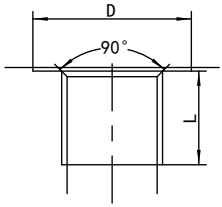
Technical Parameters

Parameters \ Type	VBCD-M18-SE	VBCD-M22-SE
H	55	64
S	30	35
Oil Port Thread	M18×1.5 D=26 L=14 (C1-C2、V1-V2)	M22×1.5 D=32 L=16 (C1-C2、V1-V2)
	G1/4 (M)	
Port Dimensions	ISO 9974-1&ISO 1179-1	
Max. Flow	40L/min	60L/min
Max. Pressure	32MPa	
Pilot Ratio	4.25:1	
Weight	1.2kg	1.6kg
Working Temperature	-30～100℃	
Working Medium	Mineral Oil(HL，HLP DIN51524)	
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15	
Valve Body	45 Steel, Surface Electroplating Treatment	

View

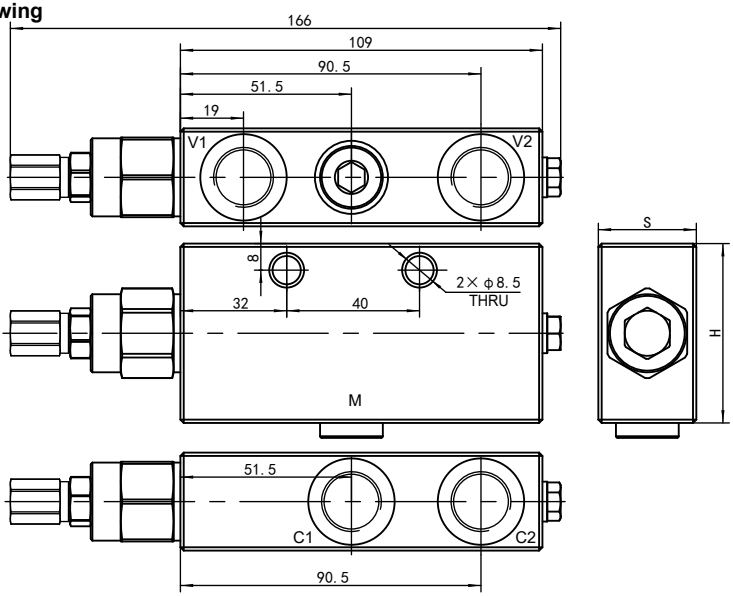


Oil Port

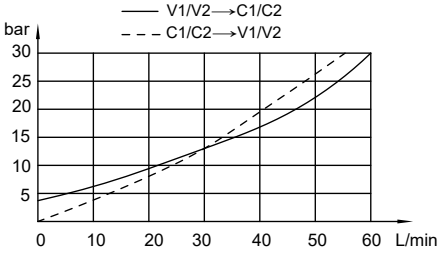


VBCD–G**–SE

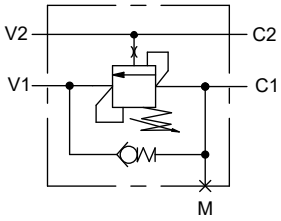
Outline Drawing



Performance Curve Pressure Drop vs.Flow



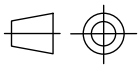
Schematic Diagram



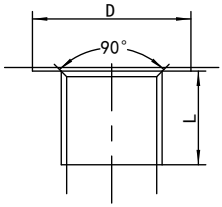
Technical Parameters

Parameters \ Type	VBCD-G38-SE	VBCD-G12-SE
H	55	64
S	30	35
Oil Port Thread	G3/8 D=26 L=14 (C1-C2、V1-V2)	G1/2 D=32 L=16 (C1-C2、V1-V2)
	G1/4 (M)	
Port Dimensions	ISO 1179-1	
Max. Flow	40L/min	60L/min
Max. Pressure	32MPa	
Pilot Ratio	4.25:1	
Weight	1.3kg	1.7kg
Working Temperature	-30～100℃	
Working Medium	Mineral Oil(HL，HLP DIN51524)	
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15	
Valve Body	45 Steel, Surface Electroplating Treatment	

View



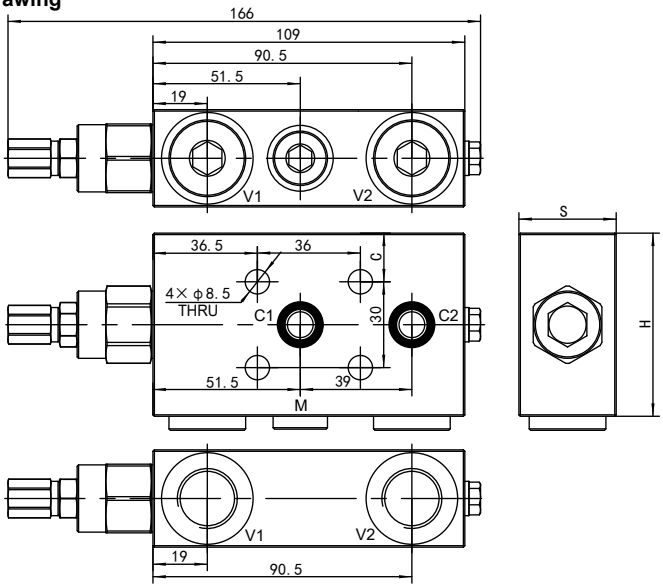
Oil Port



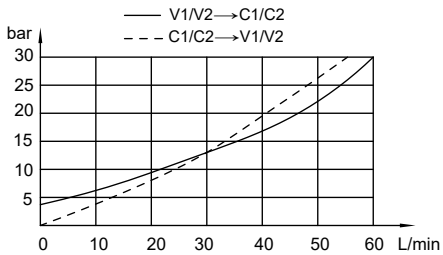
02

VBCD–M**–SE–FL

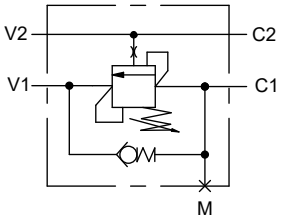
Outline Drawing



Performance Curve Pressure Drop vs.Flow



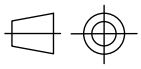
Schematic Diagram



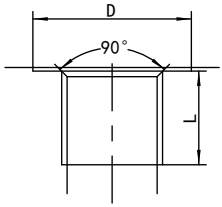
Technical Parameters

Parameters \ Type	VBCD-M18-SE-FL	VBCD-M22-SE-FL
H	55	64
S	30	35
C	12	17
Oil Port Thread	M18×1.5 D=26 L=15 (C1-C2、V1-V2)	M22×1.5 D=32 L=16 (C1-C2、V1-V2)
	G1/4 (M)	
Port Dimensions	ISO 9974-1	
Max. Flow	40L/min	60L/min
Max. Pressure	32MPa	
Pilot Ratio	4.25:1	
Weight	1.2kg	1.7kg
Sealing Form	O-Ring(Shore A 70 NBR)	
Sealing Ring Specifications	Ø2.4×IDØ11.6	
Working Temperature	-30～100℃	
Working Medium	Mineral Oil(HL，HLP DIN51524)	
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15	
Valve Body	45 Steel, Surface Electroplating Treatment	

View

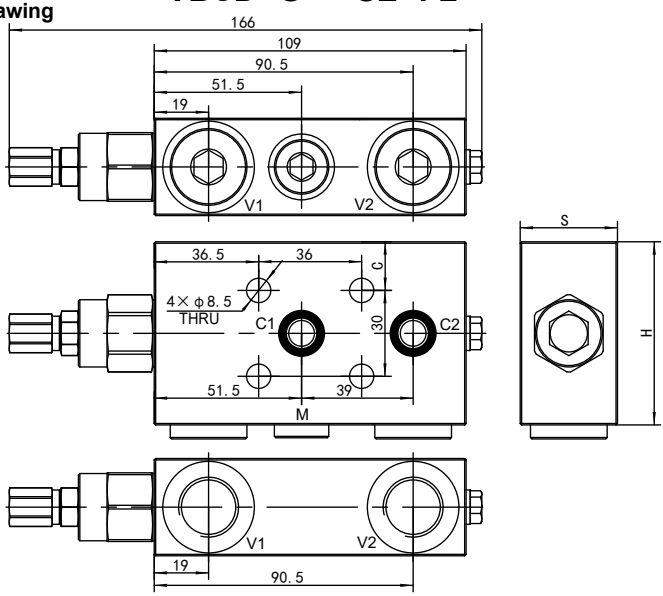


Oil Port

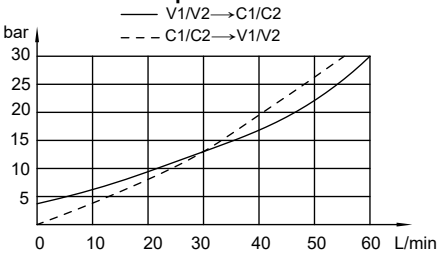


VBCD–G**–SE–FL

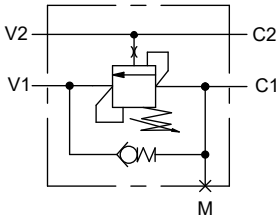
Outline Drawing



Performance Curve Pressure Drop vs.Flow



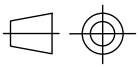
Schematic Diagram



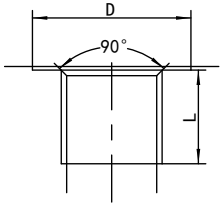
Technical Parameters

Parameters \ Type	VBCD-G38-SE-FL	VBCD-G12-SE-FL
H	55	64
S	30	35
C	12	17
Oil Port Thread	G3/8 D=26 L=14 (C1-C2、V1-V2)	G1/2 D=32 L=16 (C1-C2、V1-V2)
	G1/4 (M)	
Port Dimensions	ISO 1179-1	
Max. Flow	40L/min	60L/min
Max. Pressure	32MPa	
Pilot Ratio	4.25:1	
Weight	1.2kg	1.6kg
Sealing Form	O-Ring(Shore A 70 NBR)	
Sealing Ring Specifications	Ø2.4×IDØ11.6	
Working Temperature	-30～100℃	
Working Medium	Mineral Oil(HL，HLP DIN51524)	
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15	
Valve Body	45 Steel, Surface Electroplating Treatment	

View



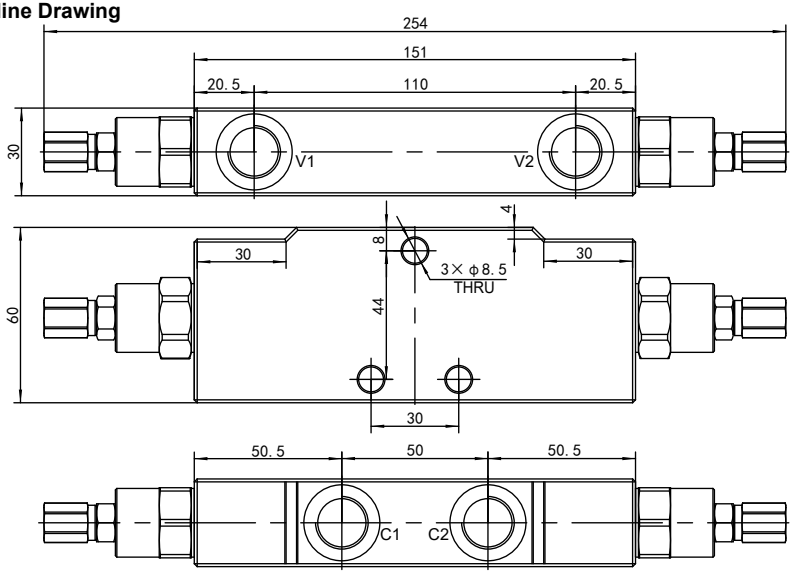
Oil Port



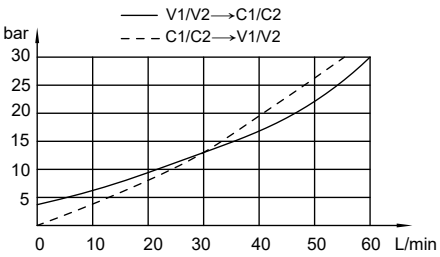
VBCD–G**–DE–A

02

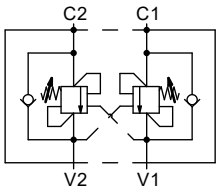
Outline Drawing



Performance Curve Pressure Drop vs.Flow



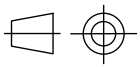
Schematic Diagram



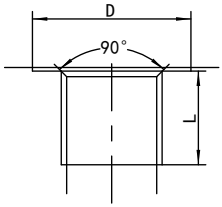
Technical Parameters

Parameters \ Type	VBCD-G38-DE-A	VBCD-G12-DE-A
Oil Port Thread	G3/8 D=26 L=16	G1/2 D=31 L=15
Port Dimensions	ISO 1179-1	
Max. Flow	40L/min	60L/min
Max. Pressure	32MPa	
Pilot Ratio	4.25:1	
Weight	2kg	
Working Temperature	-30～100℃	
Working Medium	Mineral Oil(HL，HLP DIN51524)	
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15	
Valve Body	45 Steel, Surface Electroplating Treatment	

View

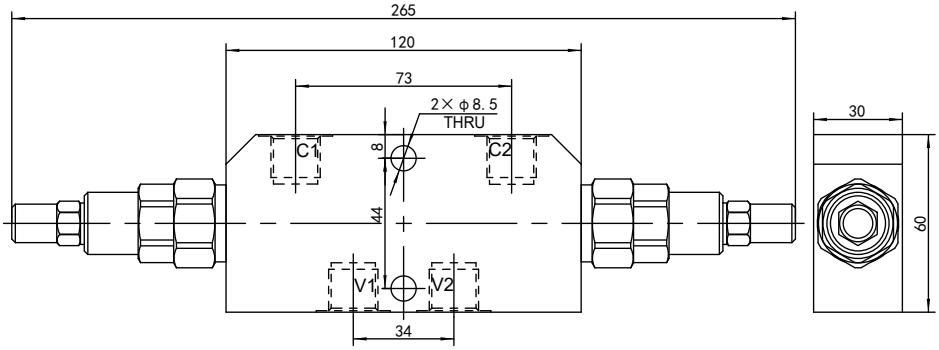


Oil Port

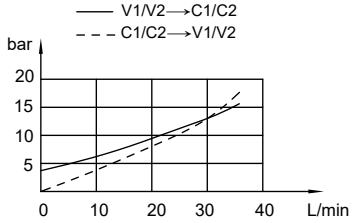


VBCD–G38–DE–W

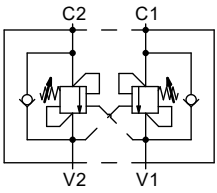
Outline Drawing



Performance Curve Pressure Drop vs.Flow



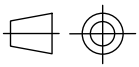
Schematic Diagram



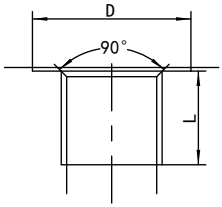
Technical Parameters

Parameters \ Type	VBCD-G38-DE-W
Oil Port Thread	G3/8 D=25 L=14
Port Dimensions	ISO 1179-1
Max. Flow	35L/min
Max. Pressure	32MPa
Pilot Ratio	3.1:1
Weight	1.7kg
Working Temperature	-30～100˚C
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	45 Steel, Surface Electroplating Treatment

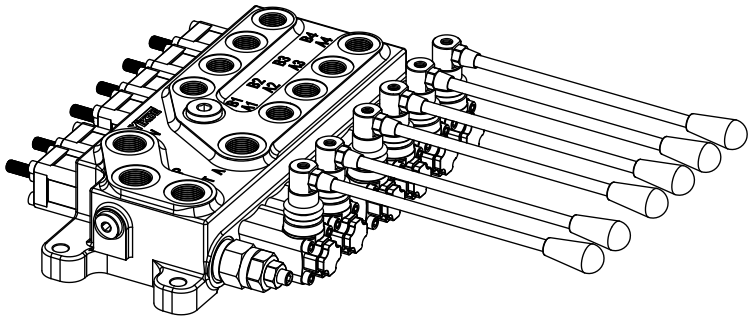
View



Oil Port



MULTI-WAY DIRECTIONAL VALVE



03

Features：

——Monolithic structure

——High precision processing with less internal leakage

——Stable linear opening

——Compact structure, easy installation

——Can cope with different working scenes

Functional Description：

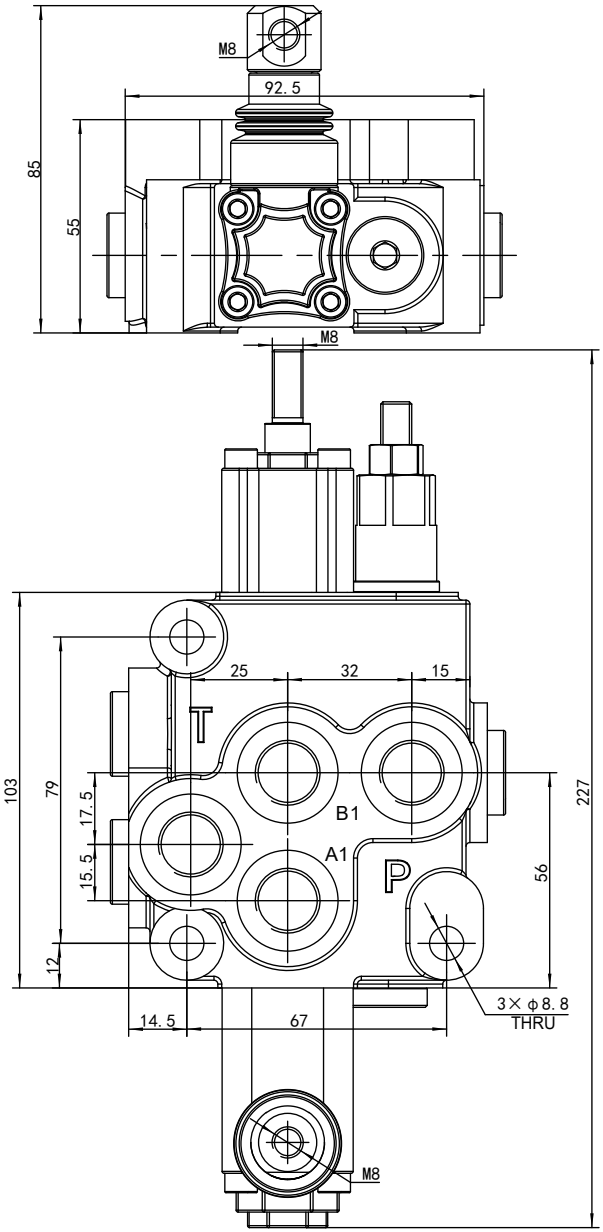
The multi-way directional valve is composed of multiple valve blocks to control the movement of multiple actuators.

Due to the compact structure, simple piping, low pressure loss, easy to install, multi-way directional valves are widely used in construction machinery, cranes and other mobile machinery that require multiple actuators. The P chamber is connected to the system oil pump, the T chamber is connected to the system oil tank, and each directional valve is connected to the actuator respectively. At the same time, the main valve body is equipped with a safety valve for system overload and overpressure protection.

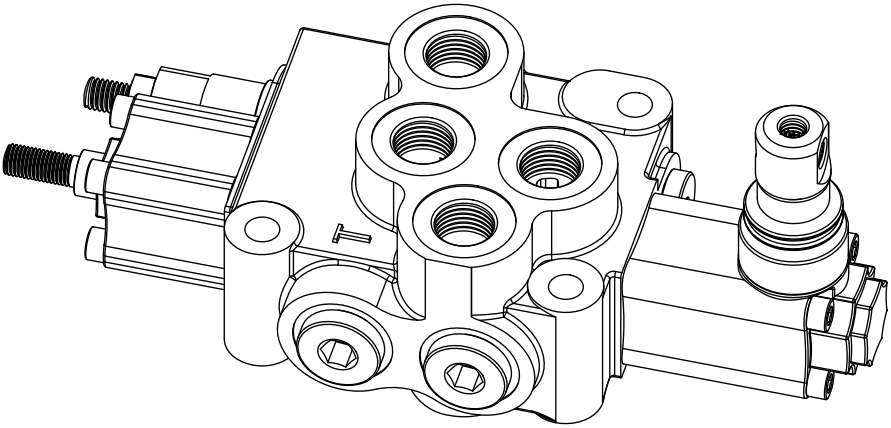
Parameters / Type	Structural form	Oil portThread	Max. Pressure	Max. Flow	Safety Valve Setting	Page
M45/1A	Integral	G3/8	21MPa	45L/min	17.5MPa	030～031
M45/1C	Integral	G3/8	21MPa	45L/min	17.5MPa	032～033
M45/2A	Integral	G3/8	21MPa	45L/min	17.5MPa	034～035
M45/2C	Integral	G3/8	21MPa	45L/min	17.5MPa	036～037
M45/2D1	Integral	G3/8	21MPa	45L/min	15MPa	038～039
M45/3A	Integral	G3/8	21MPa	45L/min	17.5MPa	040～041
M45/3C	Integral	G3/8	21MPa	45L/min	17.5MPa	042～043
M45/3D1	Integral	G3/8	21MPa	45L/min	15MPa	044～045
M45/4A	Integral	G3/8	21MPa	45L/min	17.5MPa	046～047
M45/4C	Integral	G3/8	21MPa	45L/min	17.5MPa	048～049
M45/5	Integral	G3/8	21MPa	45L/min	17.5MPa	050～051
M45/6	Integral	G3/8	21MPa	45L/min	17.5MPa	052～053
DCV60-6-A4J	Integral	M22×1.5(P.T.V.A) M18×1.5(A1～B4)	25MPa	60L/min	21MPa	054～055
DCV60-6-A4JD	Integral	M22×1.5(P.T.V.A) M18×1.5(A1～B4)	25MPa	60L/min	21MPa	056～057
DCV60-6-A4S1J	Integral	M22×1.5(P.T.V) M18×1.5(A1～B4) G3/8(A)	25MPa	60L/min	21MPa	058～059

M45/1A

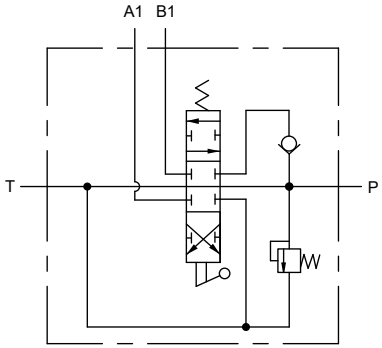
Outline Drawing



03



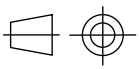
Schematic Diagram



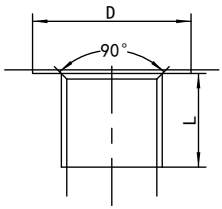
Technical Parameters

Parameters \ Type	M45/1A
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	17.5MPa
Weight	2.7kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

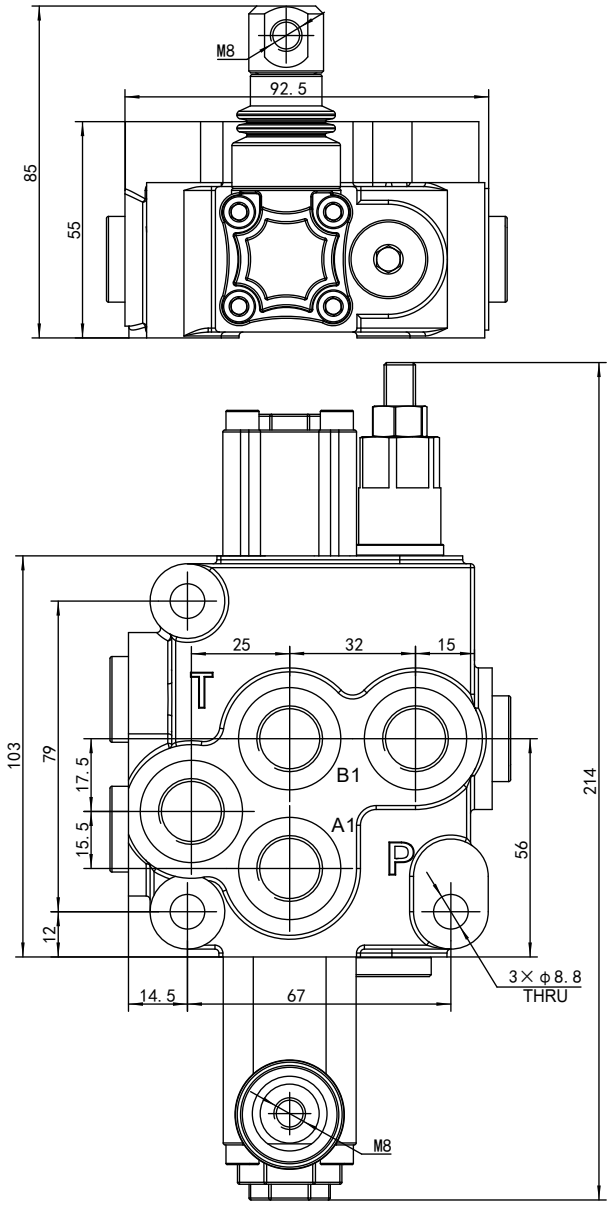


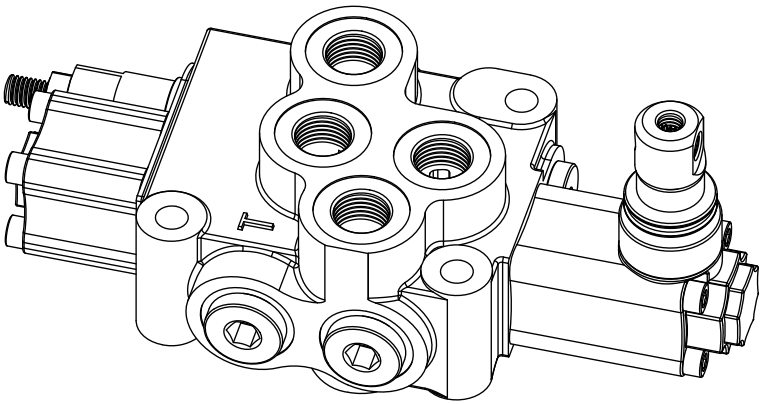
Oil Port



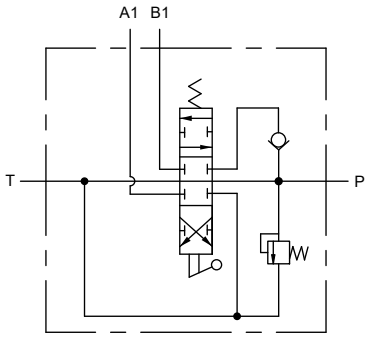
M45/1C

Outline Drawing





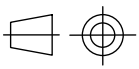
Schematic Diagram



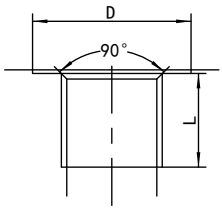
Technical Parameters

Parameters \ Type	M45/1C
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	17.5MPa
Weight	2.7kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

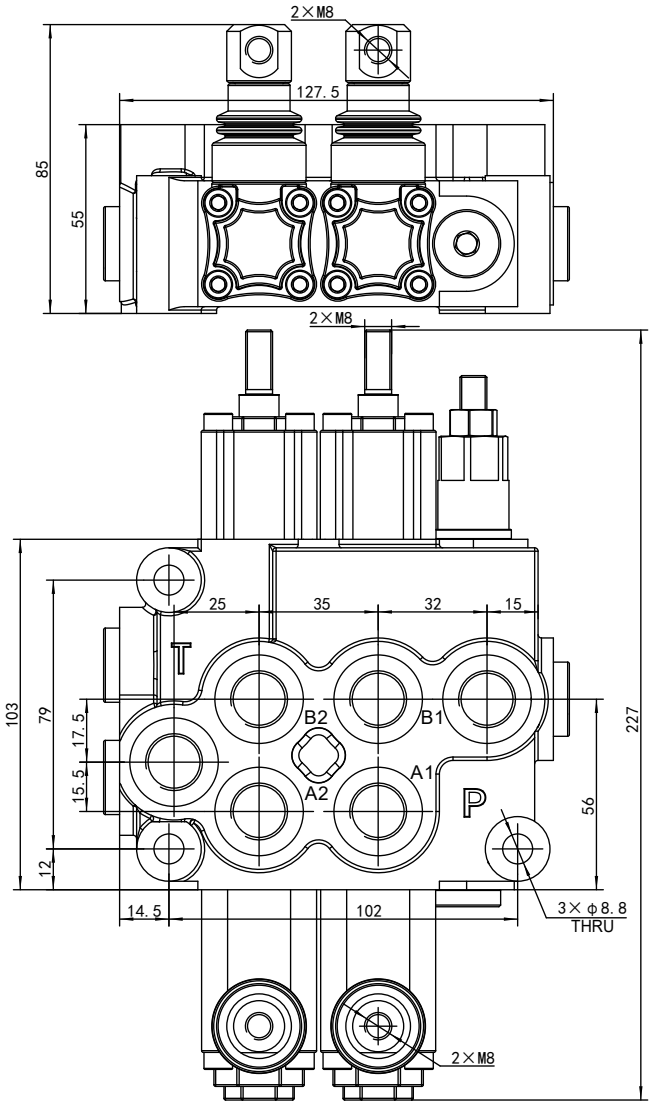


Oil Port

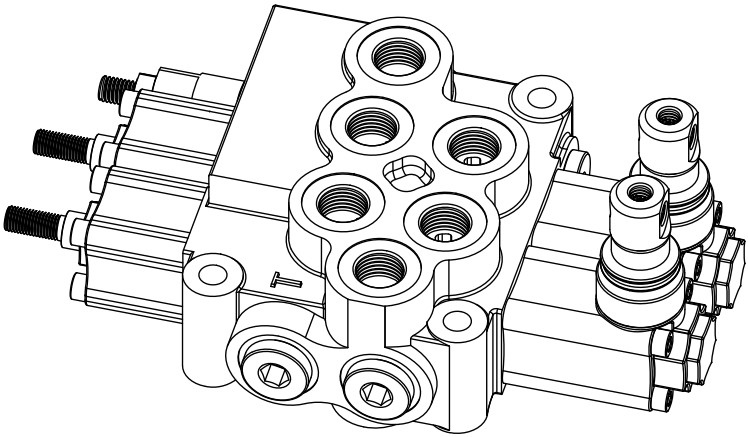


M45/2A

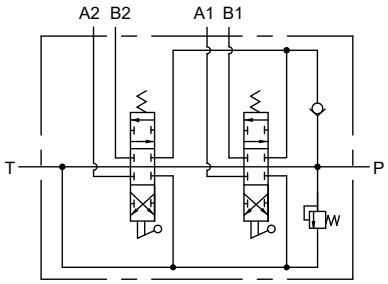
Outline Drawing



03



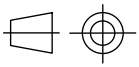
Schematic Diagram



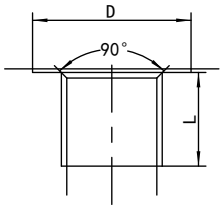
Technical Parameters

Parameters \ Type	M45/2A
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	17.5MPa
Weight	4.3kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

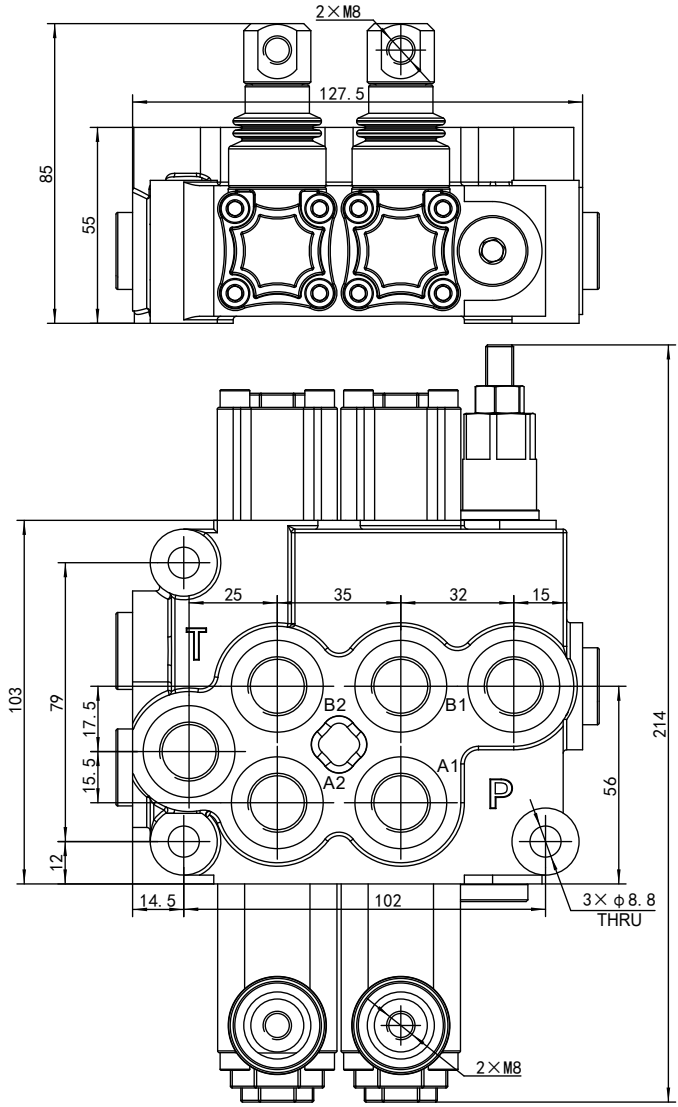


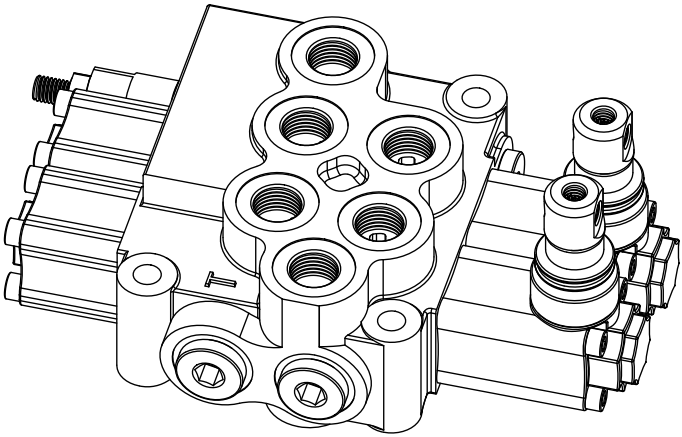
Oil Port



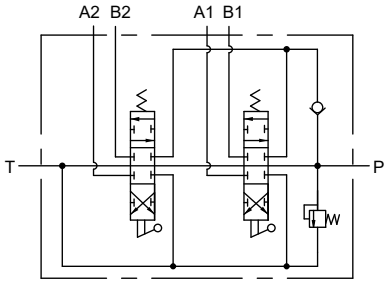
M45/2C

Outline Drawing





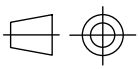
Schematic Diagram



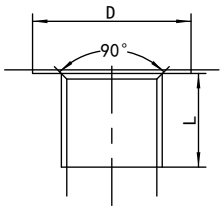
Technical Parameters

Parameters \ Type	M45/2C
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	17.5MPa
Weight	4.3kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

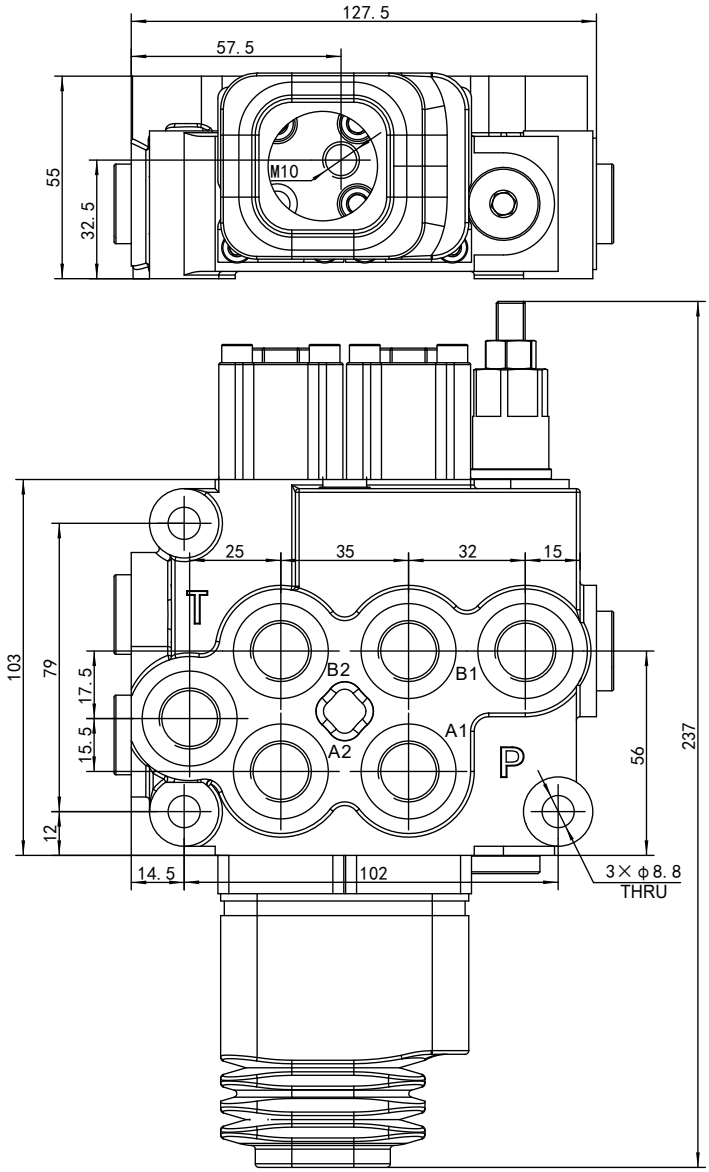


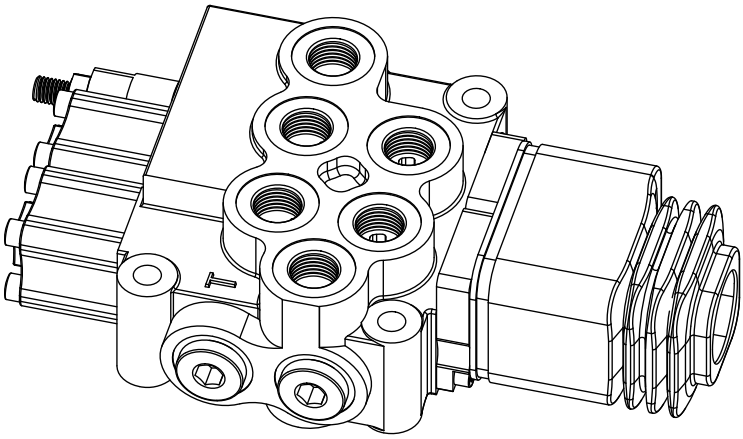
Oil Port



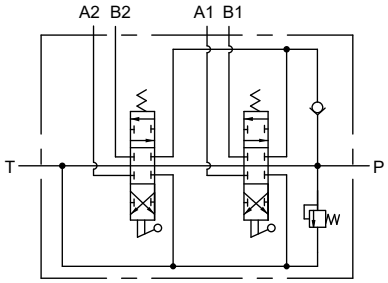
M45/2D1

Outline Drawing





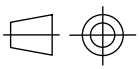
Schematic Diagram



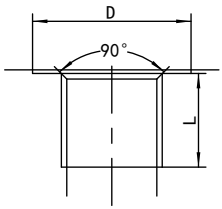
Technical Parameters

Parameters \ Type	M45/2D1
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	15MPa
Weight	4.4kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

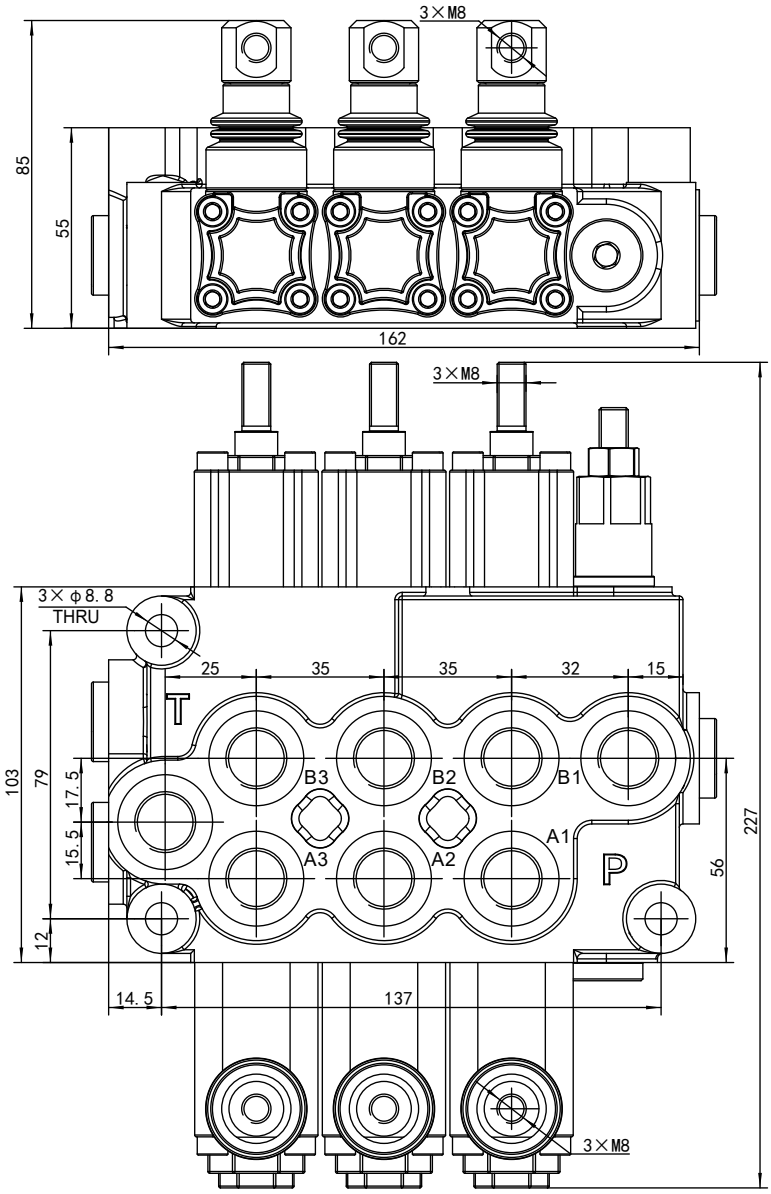


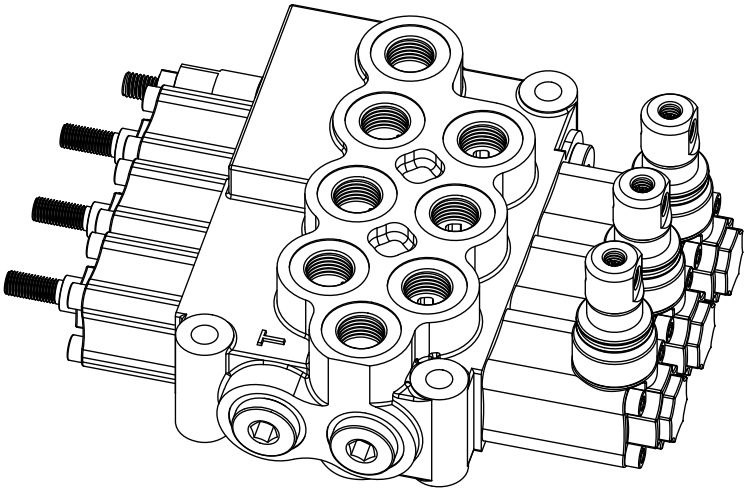
Oil Port



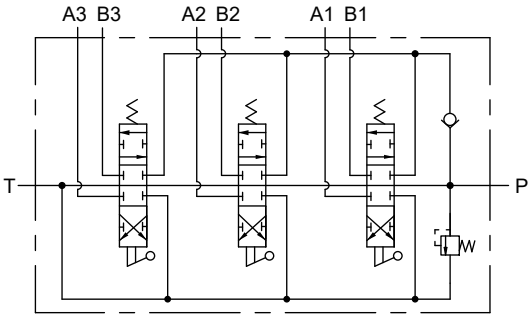
M45/3A

Outline Drawing





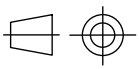
Schematic Diagram



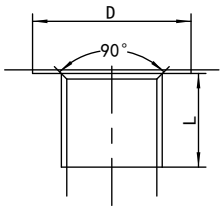
Technical Parameters

Parameters \ Type	M45/3A
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	17.5MPa
Weight	5.7kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

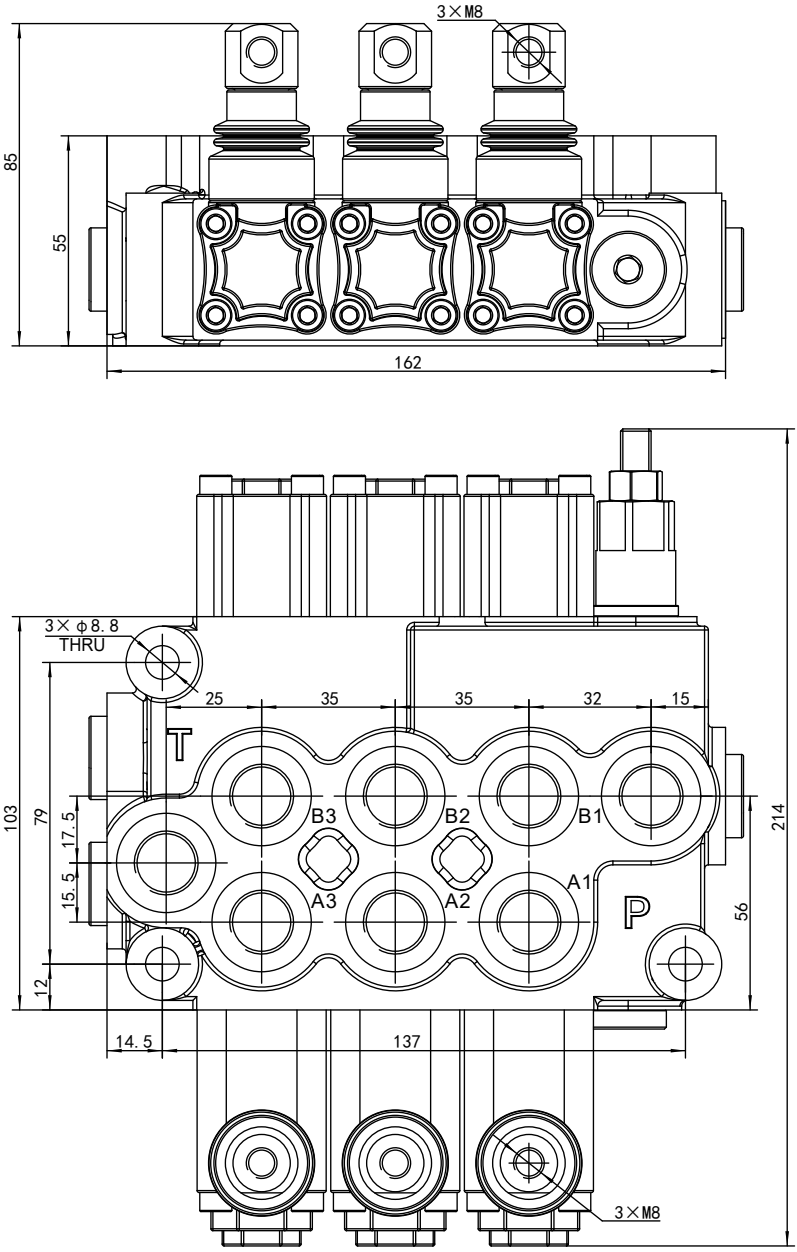


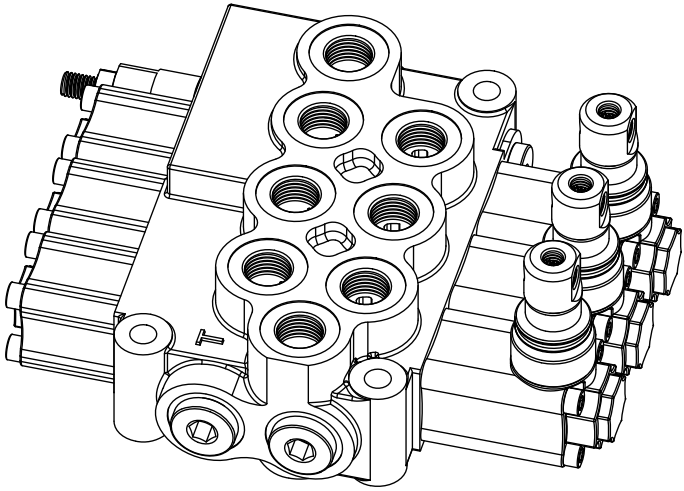
Oil Port



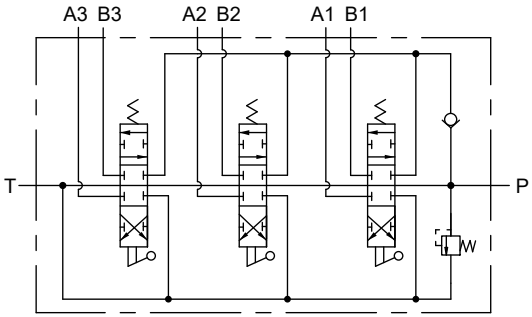
M45/3C

Outline Drawing





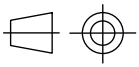
Schematic Diagram



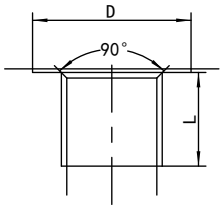
Technical Parameters

Parameters \ Type	M45/3C
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Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	17.5MPa
Weight	5.7kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

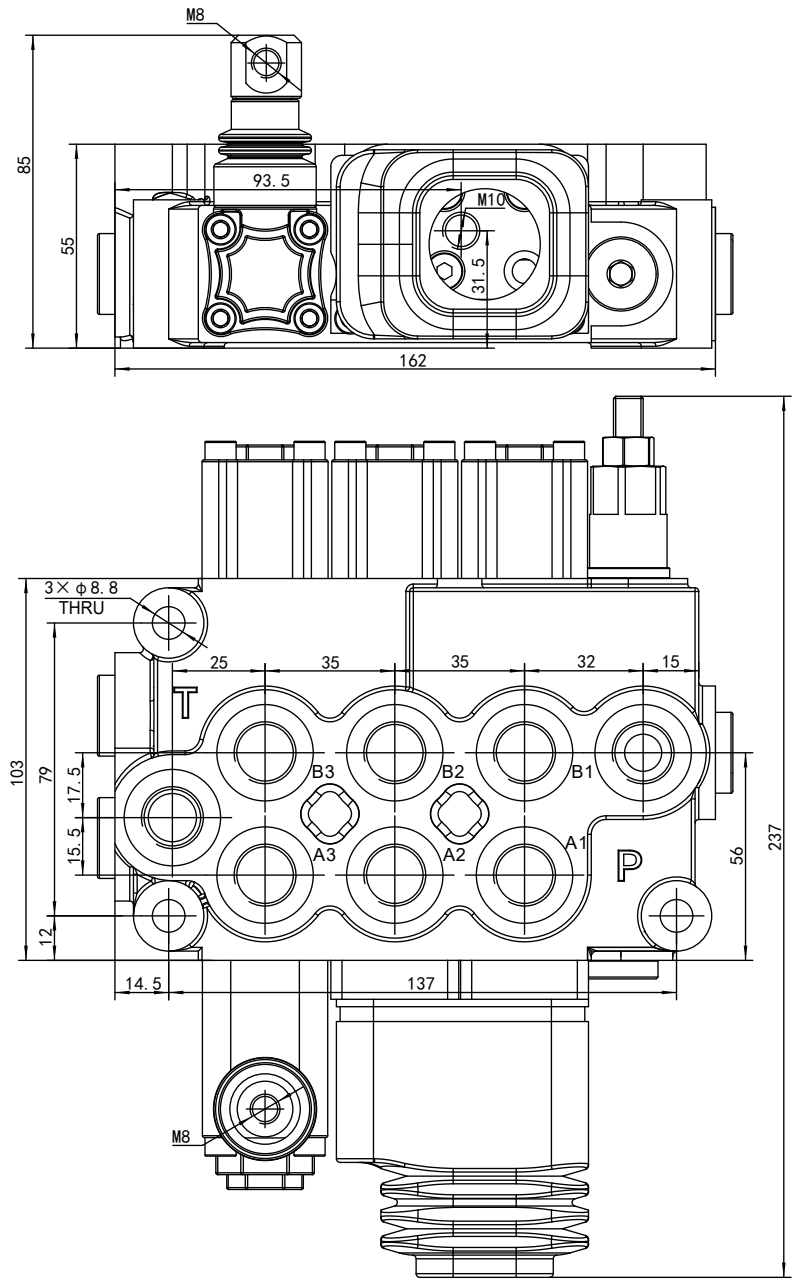


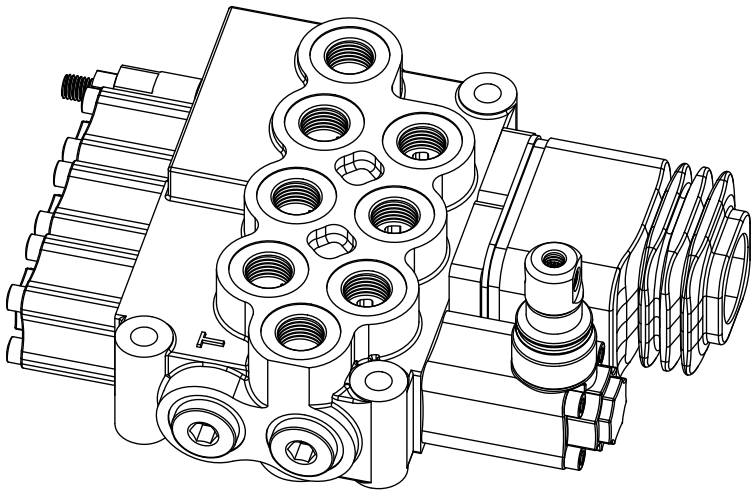
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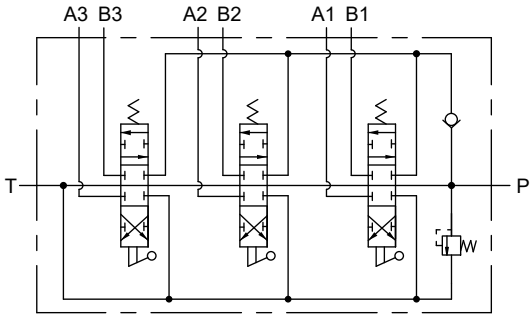
M45/3D1

Outline Drawing





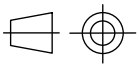
Schematic Diagram



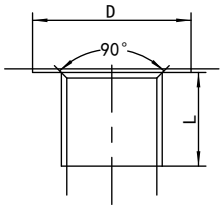
Technical Parameters

Parameters \ Type	M45/3D1
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	15MPa
Weight	6kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

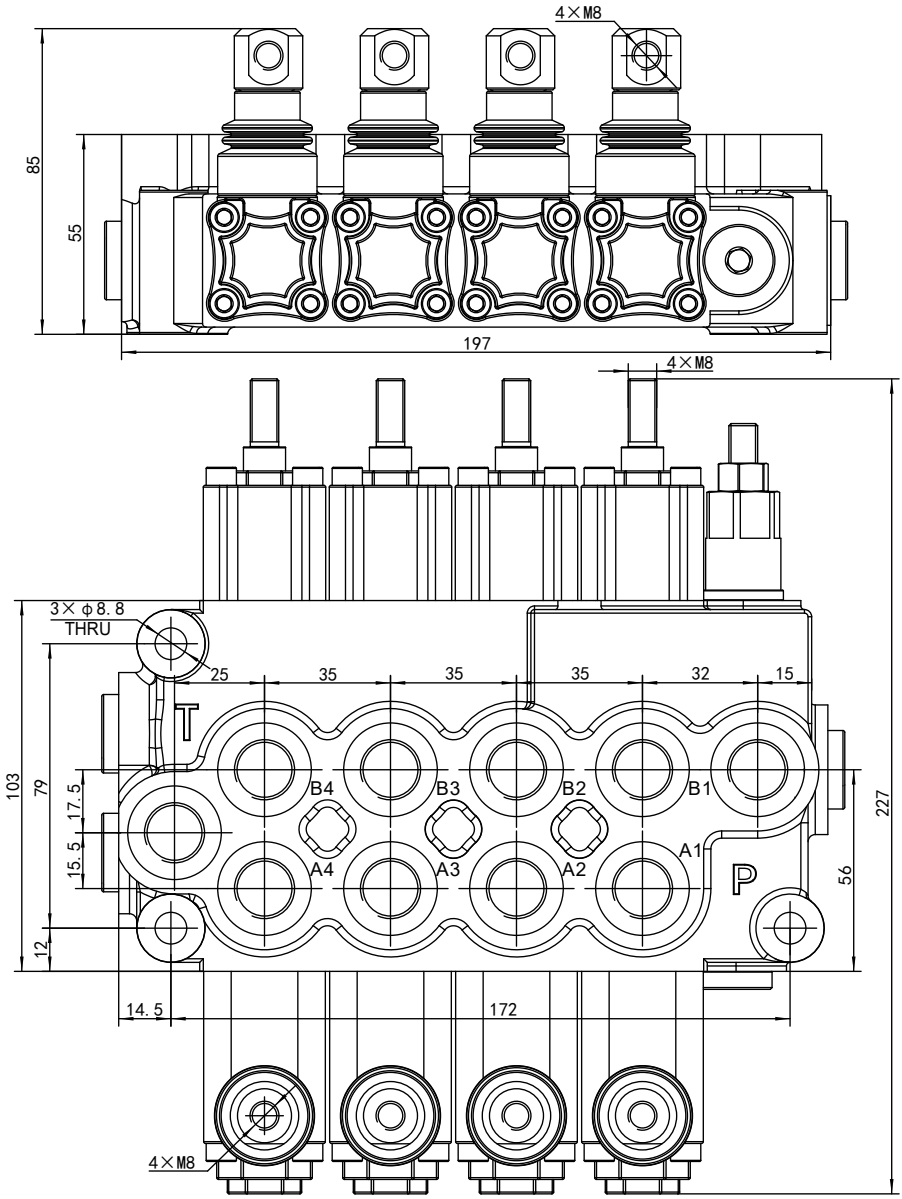


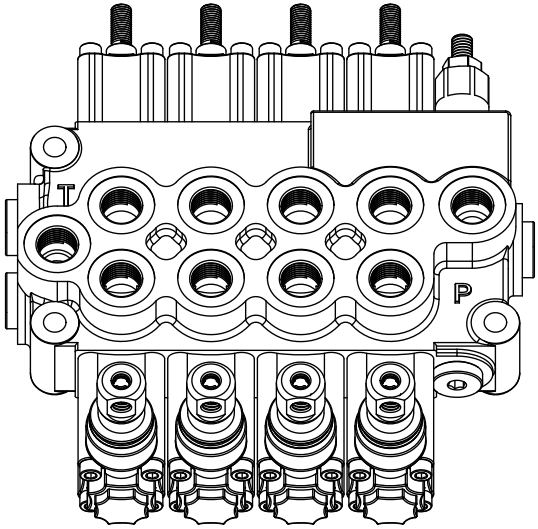
Oil Port



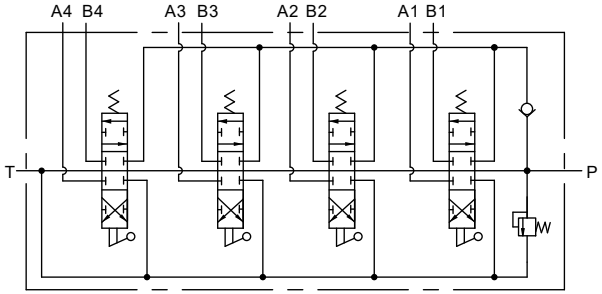
M45/4A

Outline Drawing





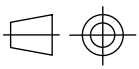
Schematic Diagram



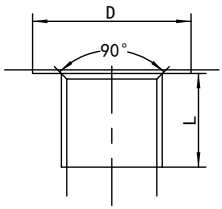
Technical Parameters

Parameters \ Type	M45/4A
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	17.5MPa
Weight	7kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

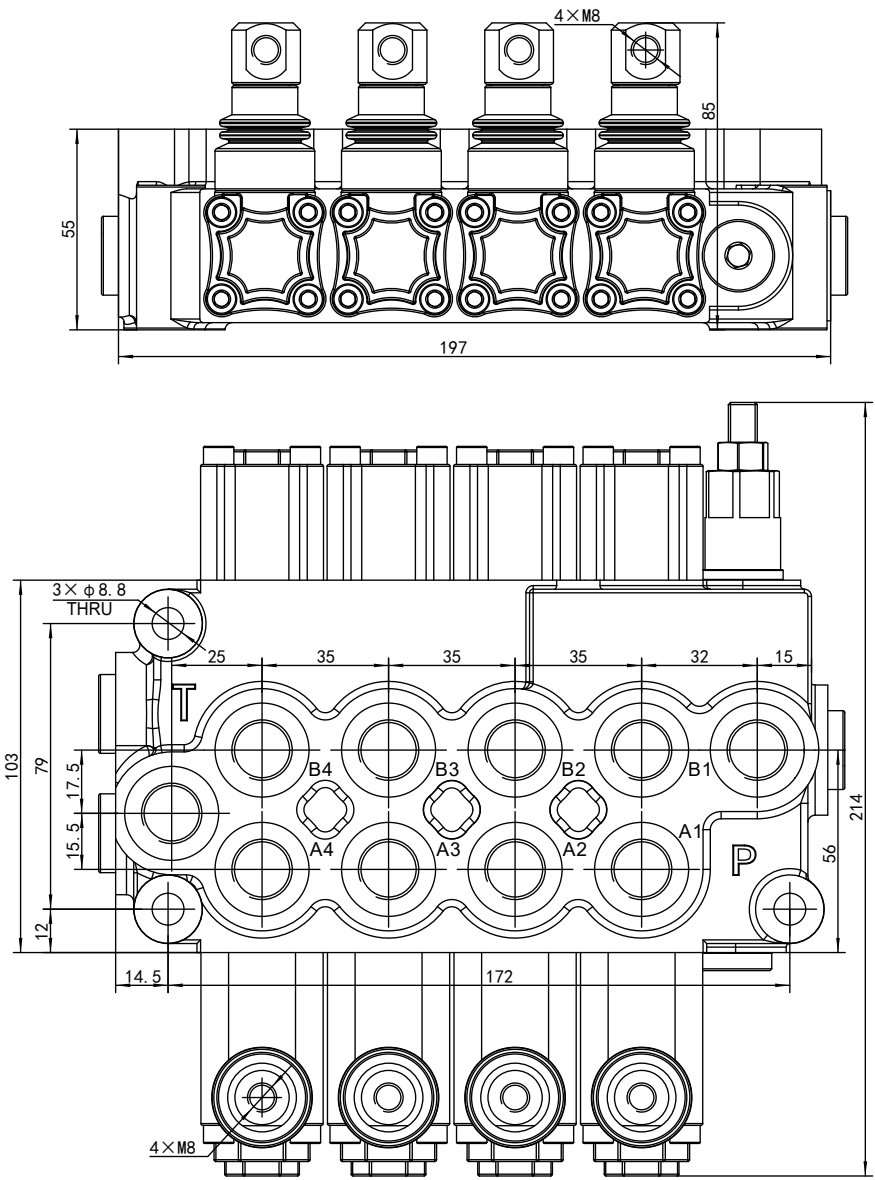


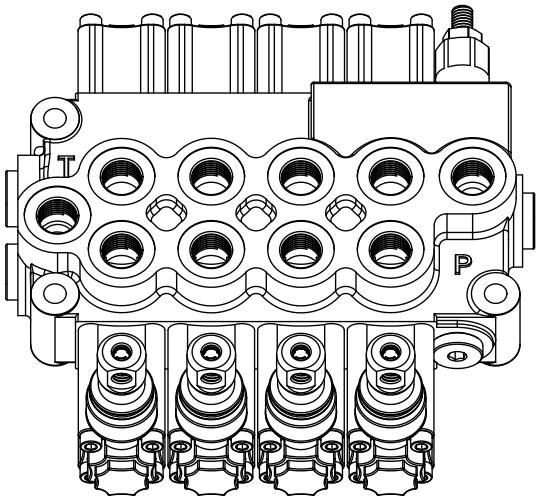
Oil Port



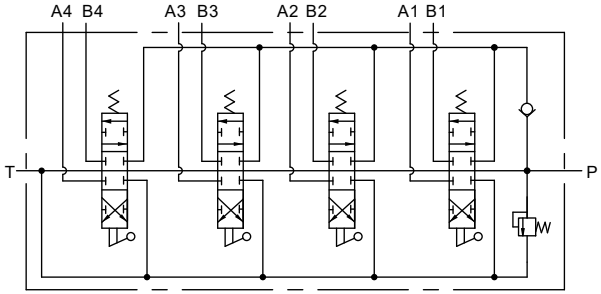
M45/4C

Outline Drawing





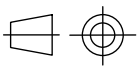
Schematic Diagram



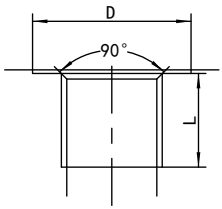
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Parameters \ Type	M45/4C
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Max. Flow	45L/min
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Safety Valve Setting	17.5MPa
Weight	7kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

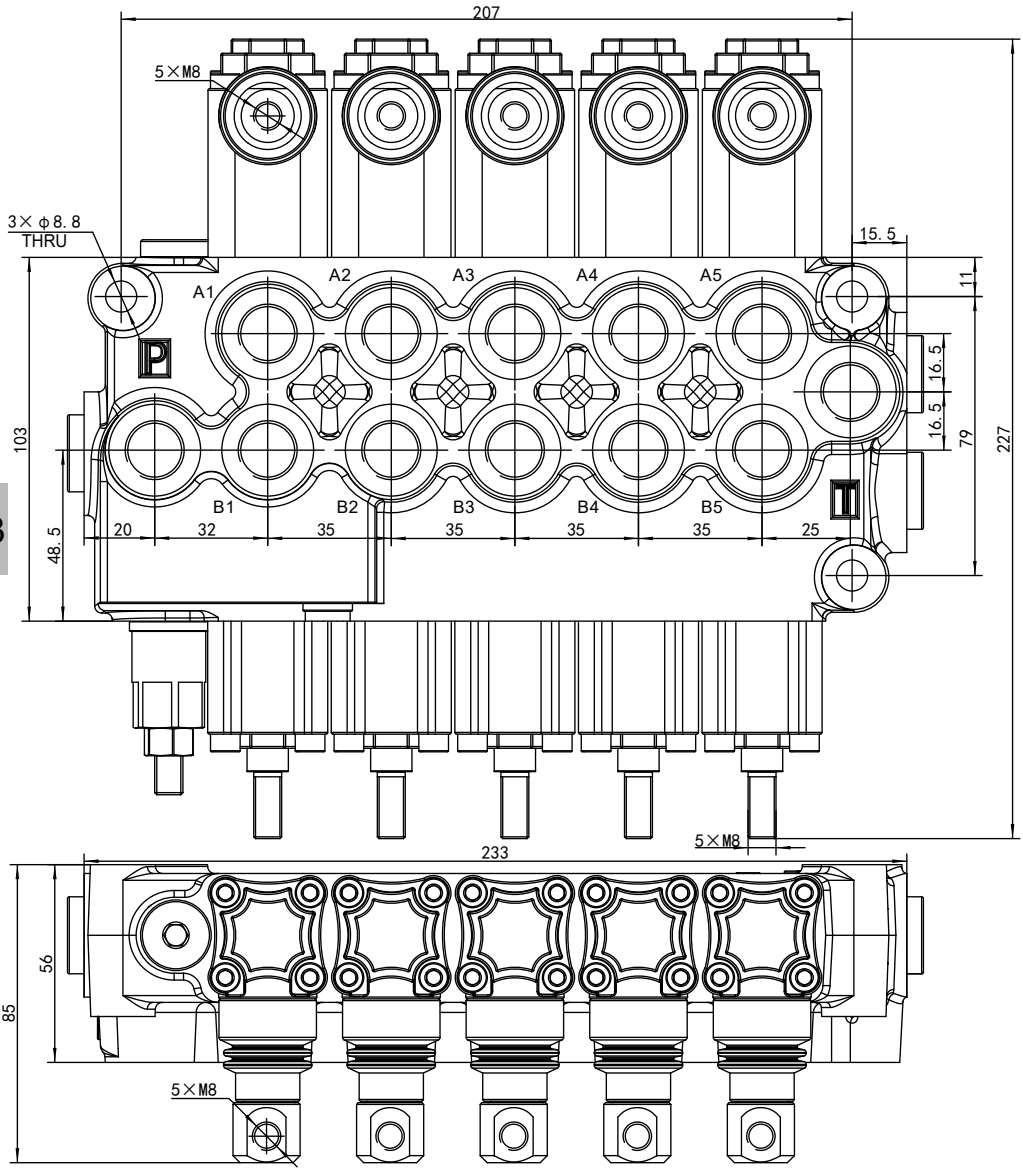


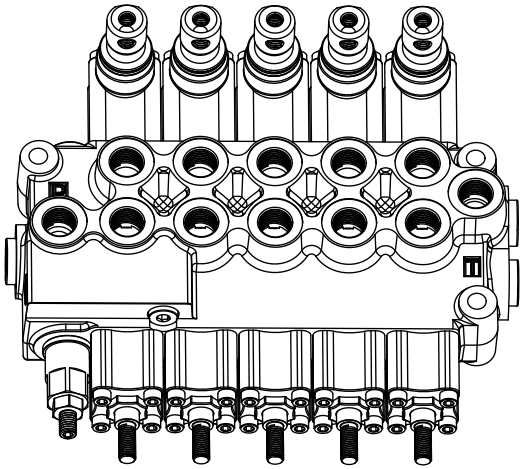
Oil Port



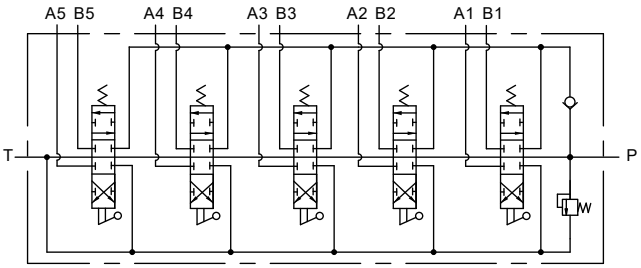
M45/5

Outline Drawing





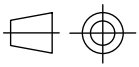
Schematic Diagram



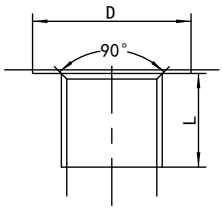
Technical Parameters

Parameters \ Type	M45/5
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	17.5MPa
Weight	8.2kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

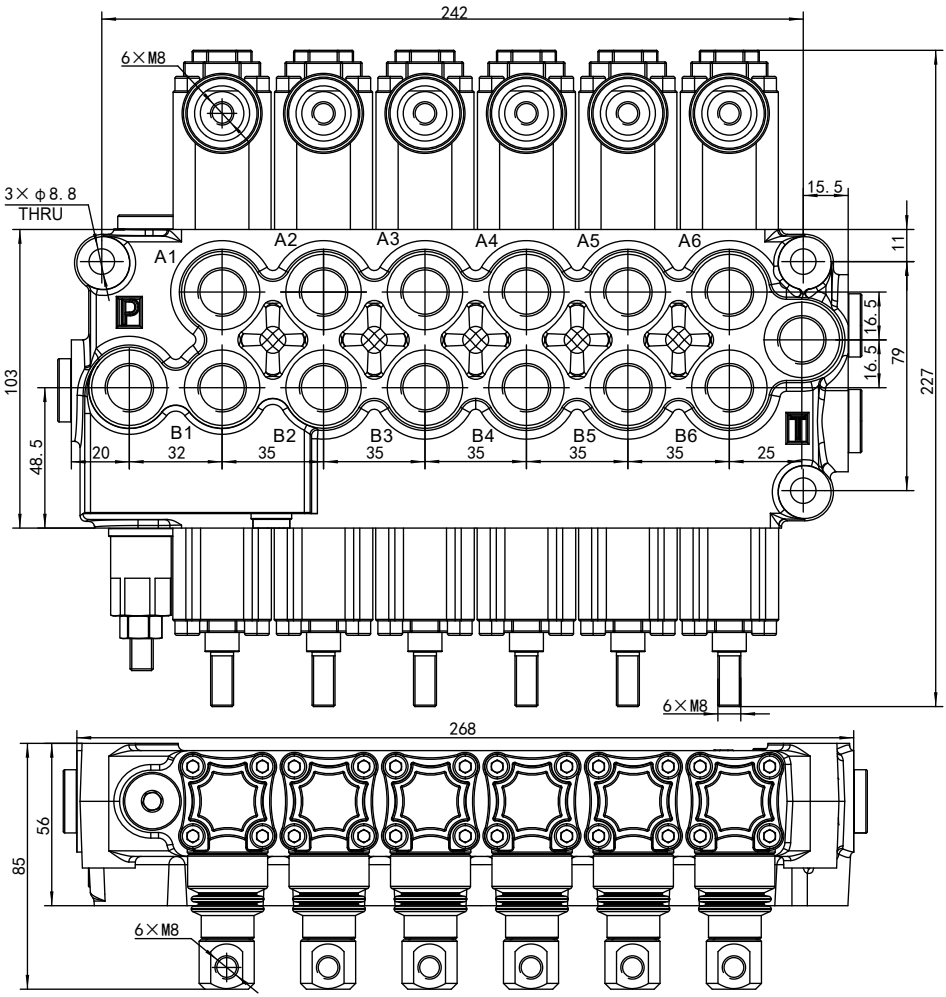


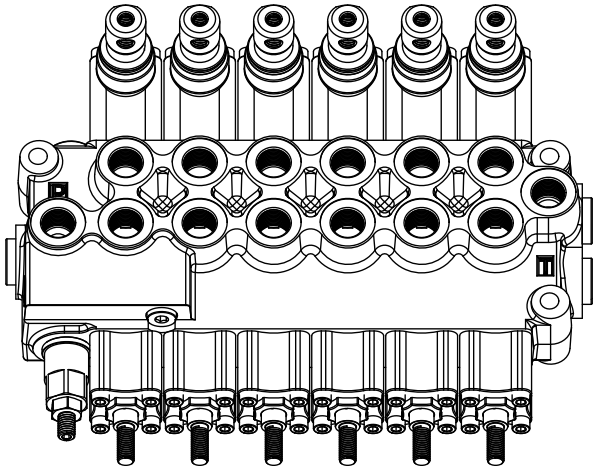
Oil Port



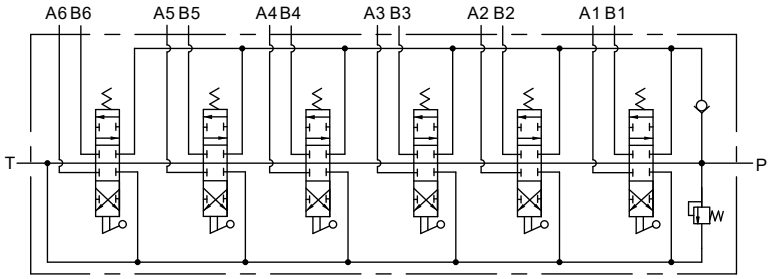
M45/6

Outline Drawing





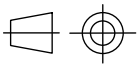
Schematic Diagram



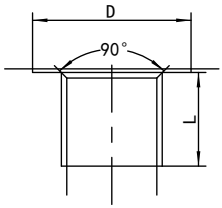
Technical Parameters

Parameters \ Type	M45/6
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Safety Valve Setting	17.5MPa
Weight	9.6kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

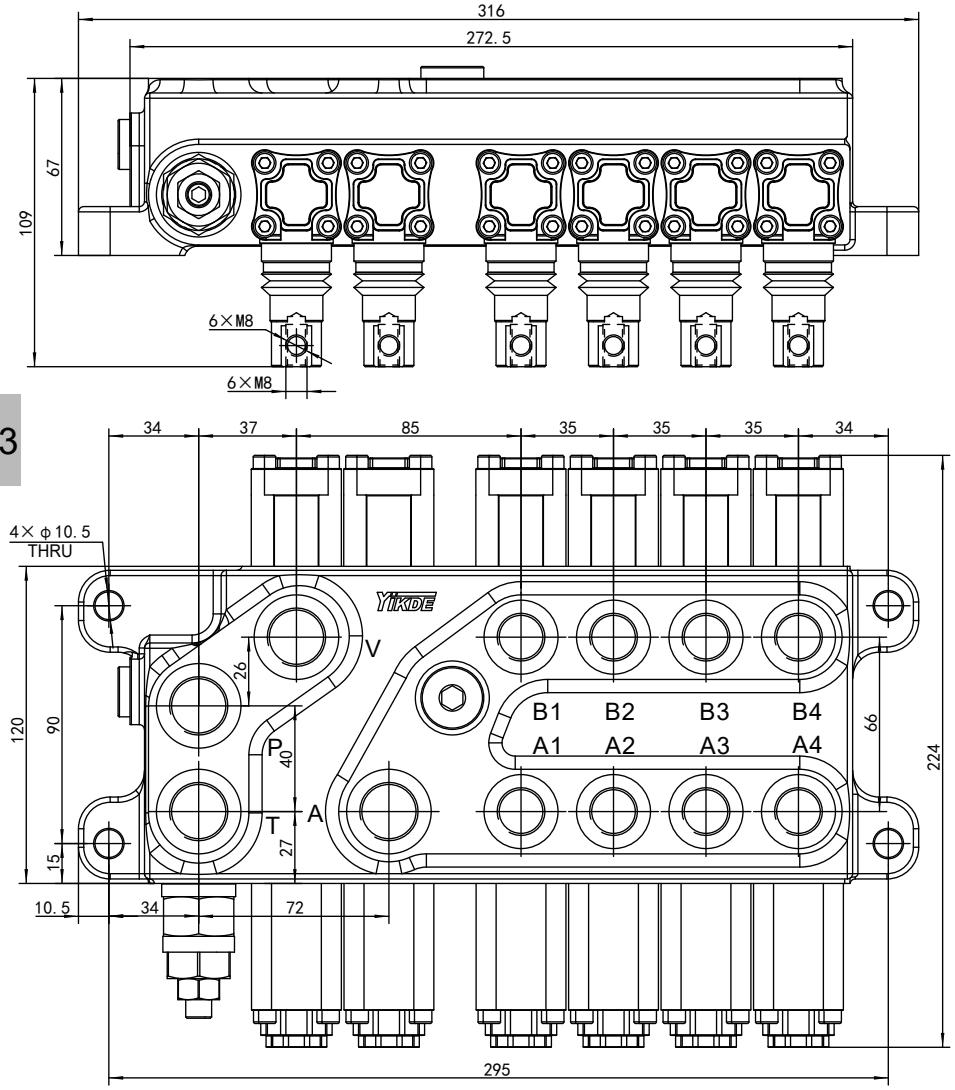


Oil Port

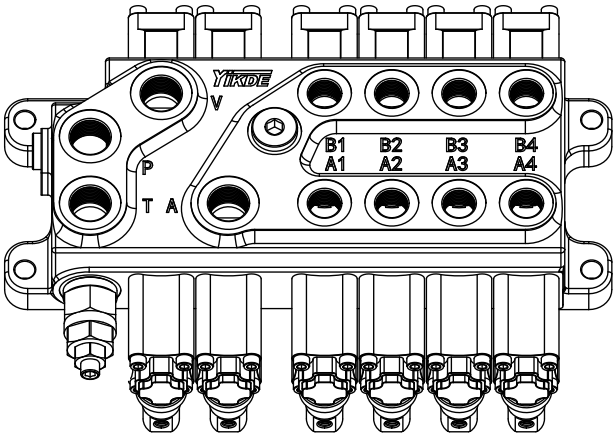


DCV60-6-A4J

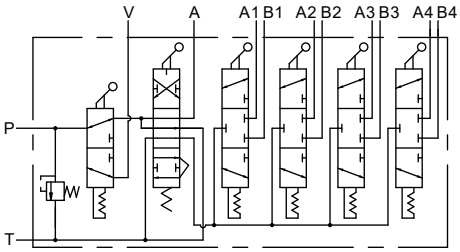
Outline Drawing



03



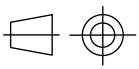
Schematic Diagram



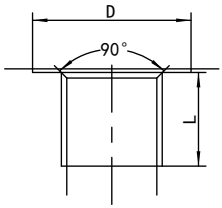
Technical Parameters

Parameters \ Type	DCV60-6-A4J
Oil Port Thread	M22×1.5 D=32 L=16(P.T.V.A)
Oil Port Thread	M18×1.5 D=26 L=15(A1～B4)
Port Dimensions	ISO 9974-1
Max. Flow	60L/min
Max. Pressure	25MPa
Safety Valve Setting	21MPa
Weight	15.1kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

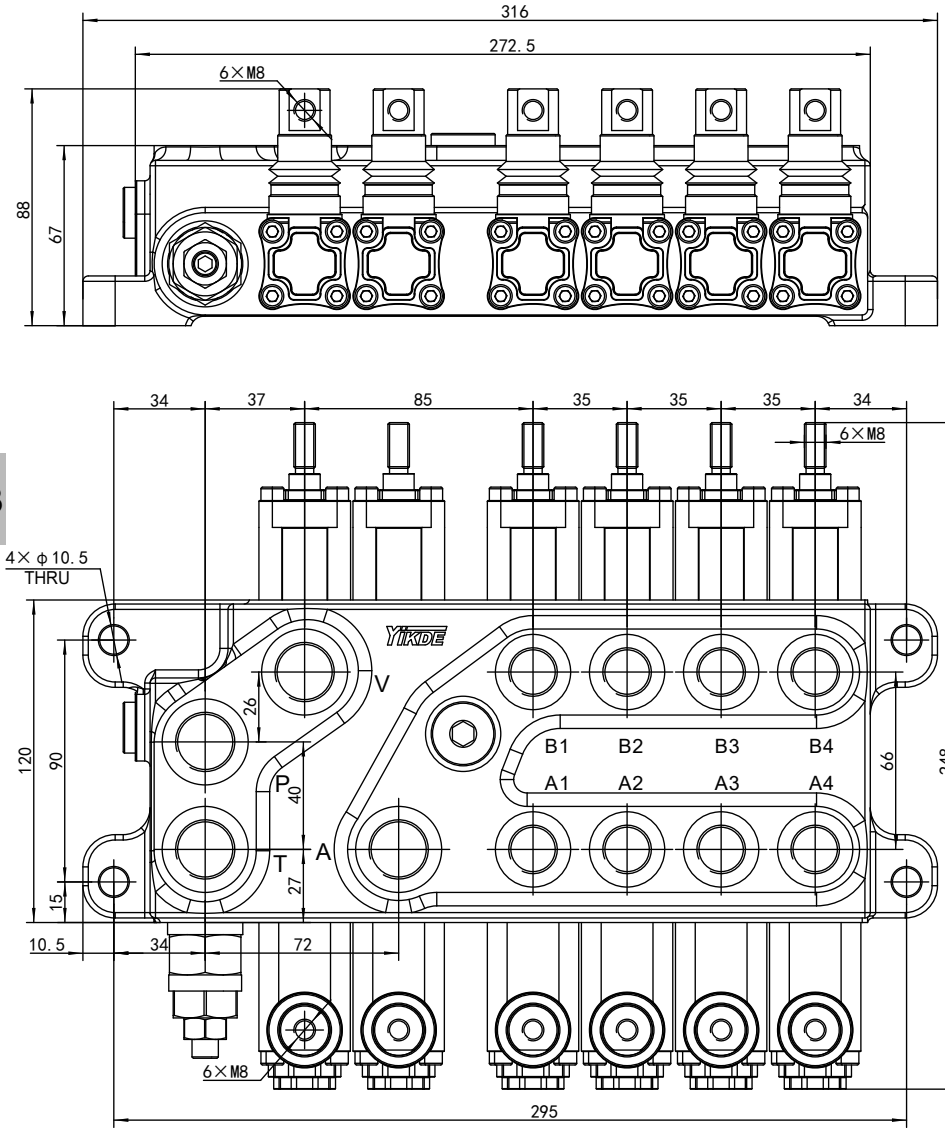


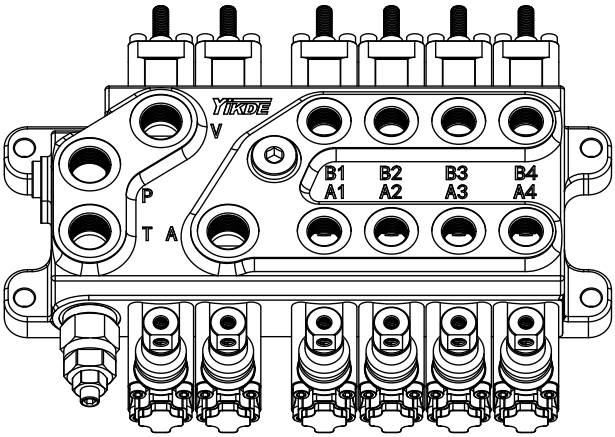
Oil Port



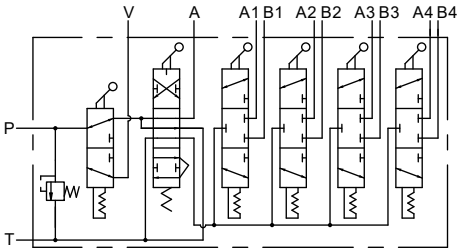
DCV60-6-A4JD

Outline Drawing





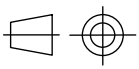
Schematic Diagram



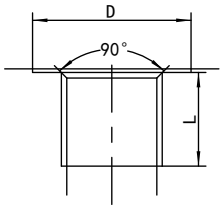
Technical Parameters

Parameters \ Type	DCV60-6-A4JD
Oil Port Thread	M22×1.5 D=32 L=16(P.T.V.A)
Oil Port Thread	M18×1.5 D=26 L=15(A1～B4)
Port Dimensions	ISO 9974-1
Max. Flow	60L/min
Max. Pressure	25MPa
Safety Valve Setting	21MPa
Weight	15.1kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

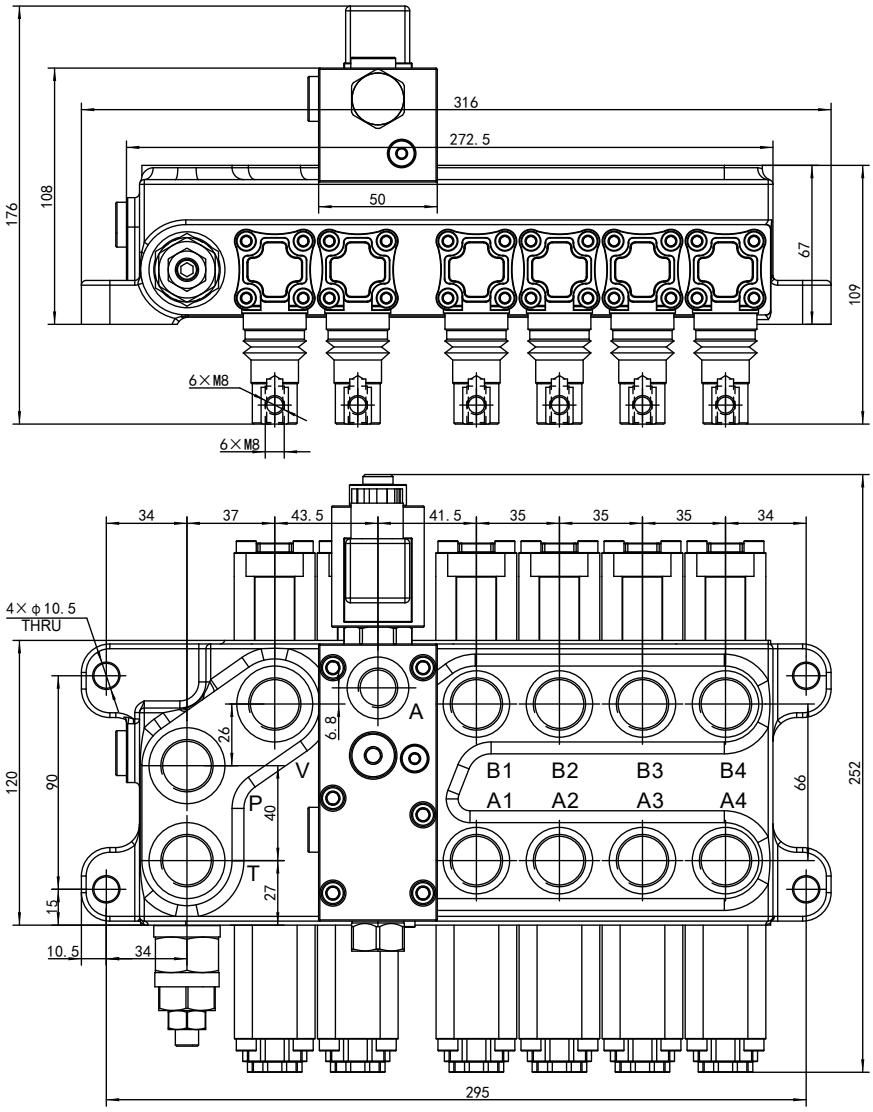


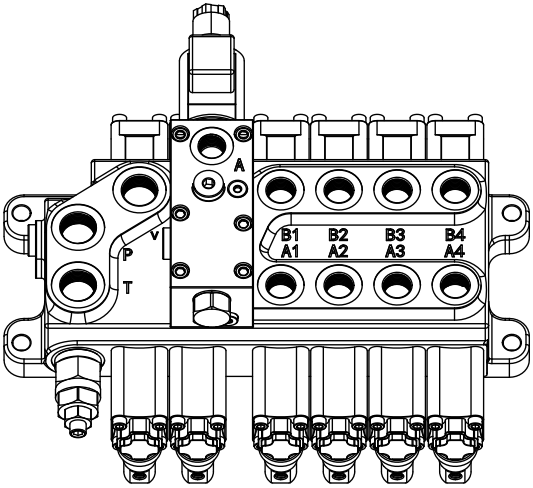
Oil Port



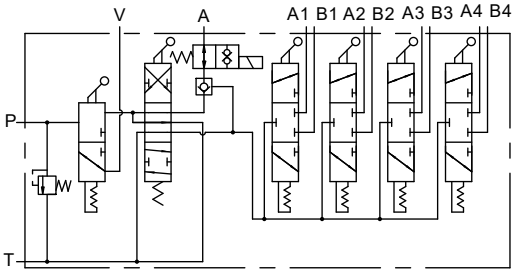
DCV60-6-A4S1J

Outline Drawing





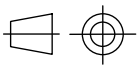
Schematic Diagram



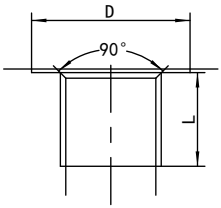
Technical Parameters

Parameters \ Type	DCV60-6-A4S1J
Oil Port Thread	M22×1.5 D=32 L=16(P.T.V)
Oil Port Thread	M18×1.5 D=26 L=15(A1～B4)
Oil Port Thread	G3/8 D=32 L=16(A)
Port Dimensions	ISO 9974-1&ISO 1179-1
Max. Flow	60L/min
Max. Pressure	25MPa
Safety Valve Setting	20MPa
Weight	16.5kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

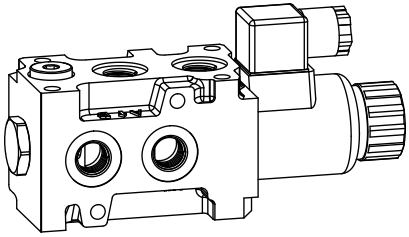
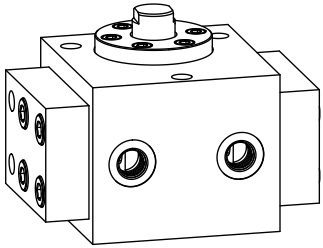
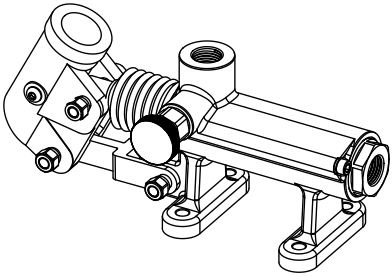
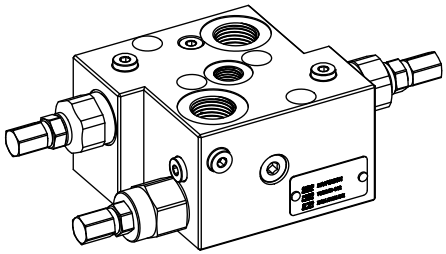
View



Oil Port



COMPREHENSIVE VALVE

04

Features：

——Functional valves for multiple mobile vehicles

——Reliable components, easy maintenance

——Stable opening pressure

——Compact structure, easy installation

——Effective resistance to oil pressure shock

Functional Description：

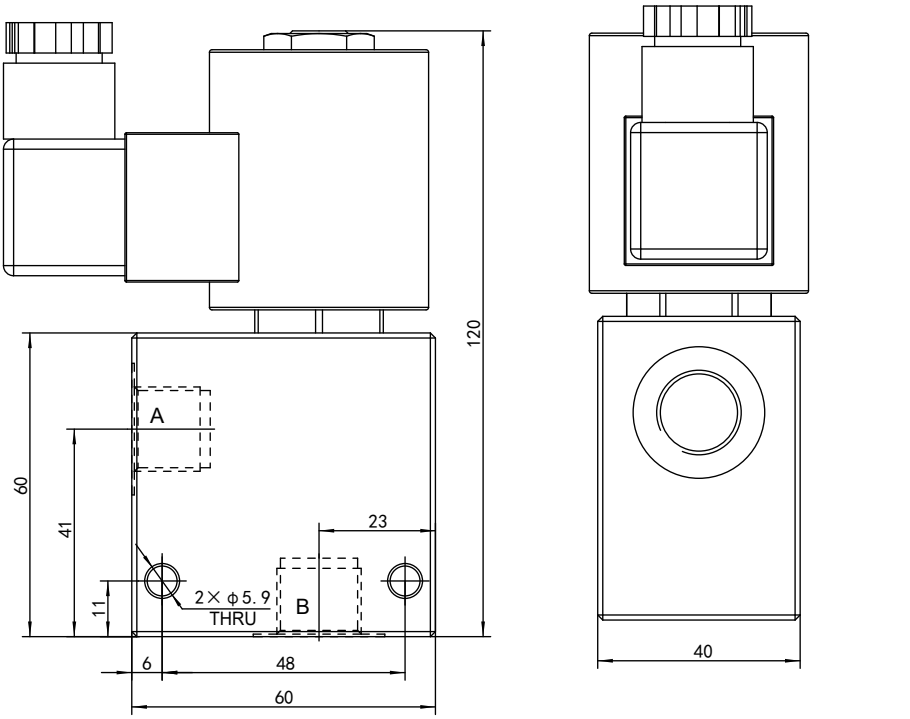
The comprehensive valve is composed of solenoid valve group, synchronous valve, oil circuit selection valve, diverter valve, emergency manual pump and other units.

The integrated valve is widely used in various mobile vehicles such as excavators and accessories, aerial work vehicles, special transportation vehicles, sanitation vehicles, etc. It has the characteristics of compact structure and easy installation and maintenance.

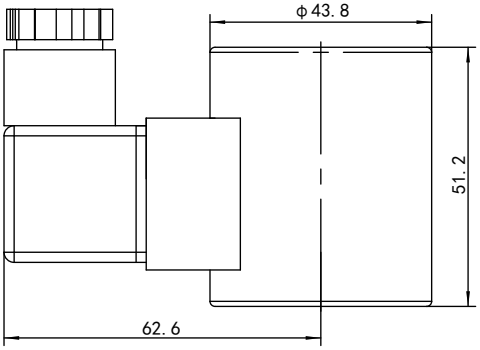
Parameters / Type	Oil portThread	Max. Pressure	Max. Flow(Displacement)	Page
YSVB-1	G3/8	20MPa	50L/min	062～063
YSVB-3	G1/2	20MPa	68L/min	064～065
YSVB-4	G3/8	20MPa	76L/min	066～067
YSVB-5	G3/8	20MPa	22L/min	068～069
YXD03-3	G1/4	20MPa	11L/min	070～071
YRS-5	G1/4&G1/8	20MPa	11L/min	072～073
MOP06G38-*(ER)	G3/8&G1/4	25MPa	40L/min	074～075
MOP06G12-*(ER)	G1/2&G1/4	25MPa	40L/min	076～077
MOP06G14-*ER	G1/4	32MPa	20L/min	078～079
MOP06G14A-*ER	G1/4	32MPa	20L/min	080～081
YCBL10-M22	M22×1.5&M10×1	25MPa	60L/min	082～083
YCBRVS1-G12	G1/2&G1/4	25MPa	45L/min	084～085
YCVB-15W	G3/8&G1/4	21MPa	15L/min	086～087
YCVB-17	G3/8&G1/4	12MPa	11.5L/min	088～089
YPM-50	G1/2	28MPa	50mL/stroke	090～091
YPM-50A	G1/2&G1/4	28MPa	50mL/stroke	092～093
YPM-50S	G1/2	28MPa	50mL/stroke	094～095
FJLZ-L15H	M22×1.5&M18×1.5	21MPa	40L/min	096～097

YSVB–1

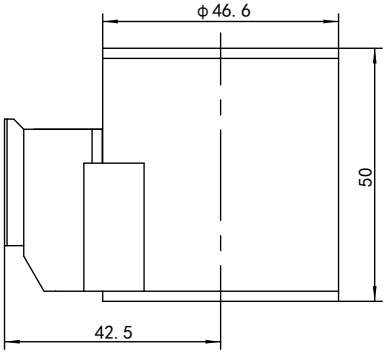
Outline Drawing



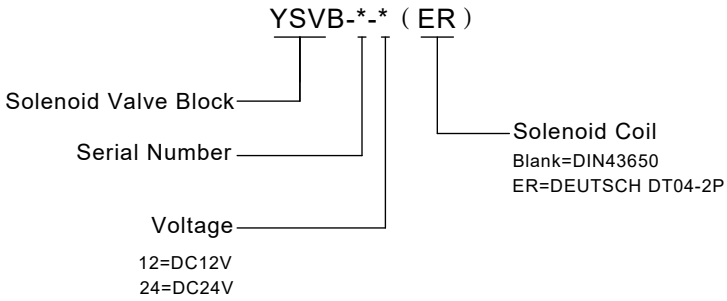
DIN43650



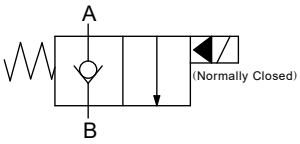
DEUTSCH DT04-2P
Corresponding Connector：DEUTSCH DT06-2S



Model



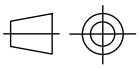
Schematic Diagram



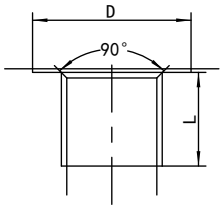
Technical Parameters

Parameters \ Type	YSVB-1
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	50L/min
Max. Pressure	20MPa
Solenoid coil Voltage	DC 12V±10%/DC 24V±5%
Internal Leakage	3drop/min@ 20MPa
Weight	0.79kg(DIN43650)
	0.87kg(DEUTSCH DT04-2P)
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	6061-T6 Aluminum Alloy

View

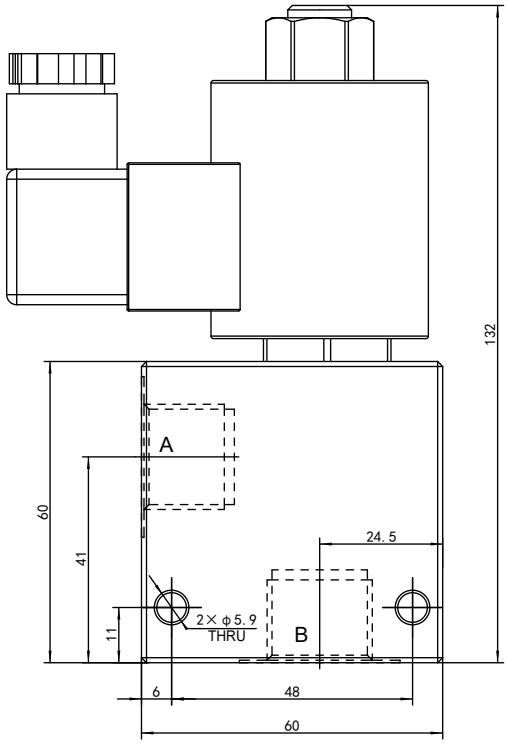


Oil Port



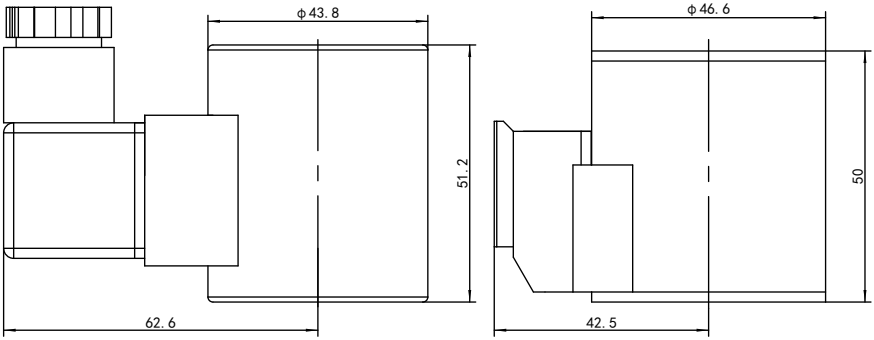
YSVB–3

Outline Drawing

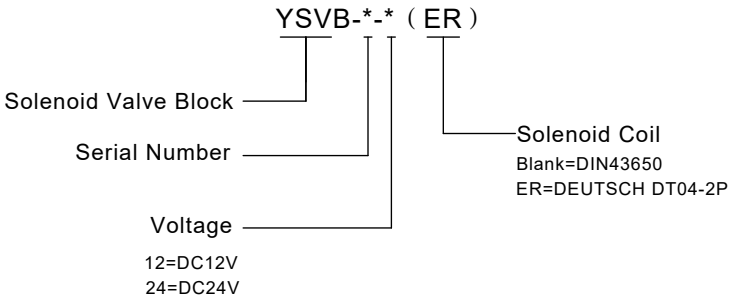


DIN43650

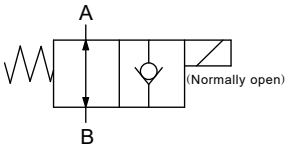
DEUTSCH DT04-2P
Corresponding Connector：DEUTSCH DT06-2S



Model



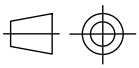
Schematic Diagram



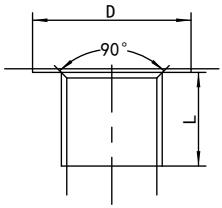
Technical Parameters

Parameters \ Type	YSVB-3
Oil Port Thread	G1/2 D=32 L=16
Port Dimensions	ISO 1179-1
Max. Flow	68L/min
Max. Pressure	20MPa
Solenoid coil Voltage	DC 12V±10%/DC 24V±5%
Internal Leakage	3drop/min@ 20MPa
Weight	0.83kg(DIN43650)
	0.9kg(DEUTSCH DT04-2P)
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	6061-T6 Aluminum Alloy

View

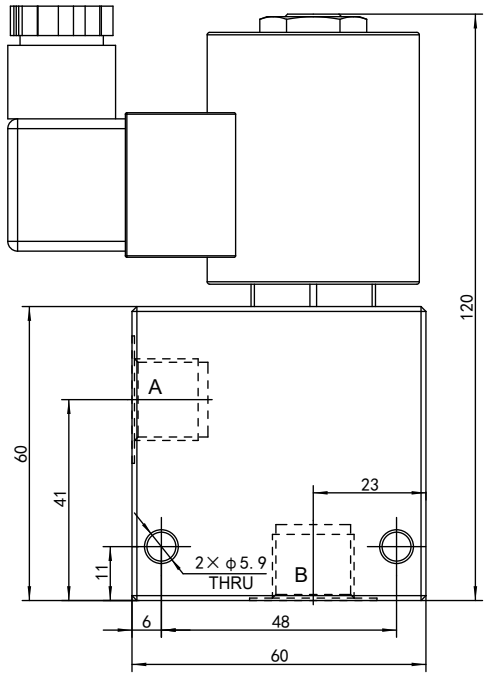


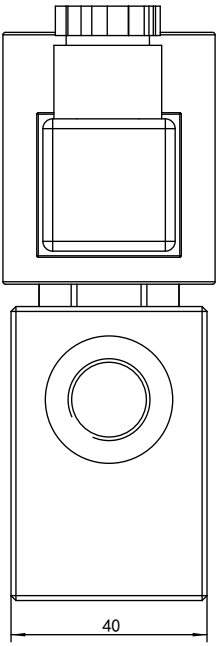
Oil Port



YSVB–4

Outline Drawing

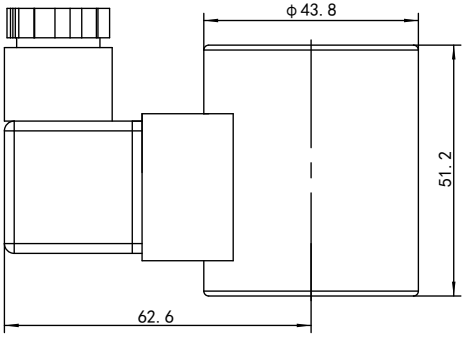


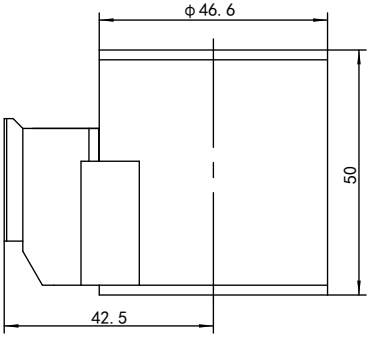


DIN43650

DEUTSCH DT04-2P

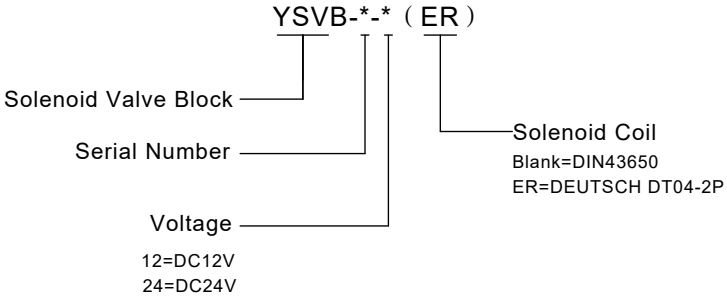
Corresponding Connector：DEUTSCH DT06-2S



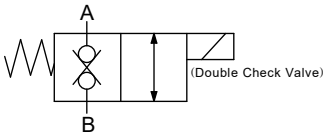


04

Model



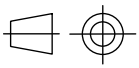
Schematic Diagram



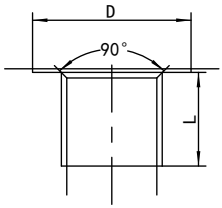
Technical Parameters

Parameters \ Type	YSVB-4
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	76L/min
Max. Pressure	20MPa
Solenoid coil Voltage	DC 12V±10%/DC 24V±5%
Internal Leakage	5drop/min.@ 20MPa
Weight	0.8kg(DIN43650)
	0.85kg(DEUTSCH DT04-2P)
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	6061-T6 Aluminum Alloy

View

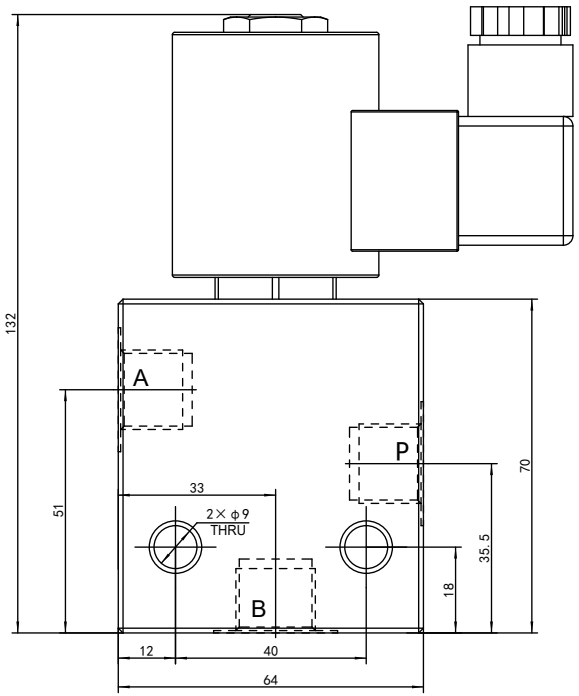


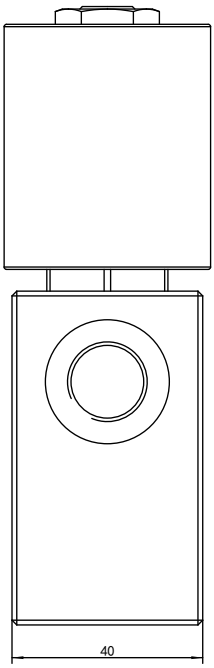
Oil Port



YSVB–5

Outline Drawing

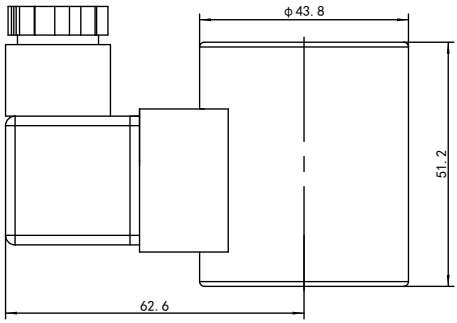


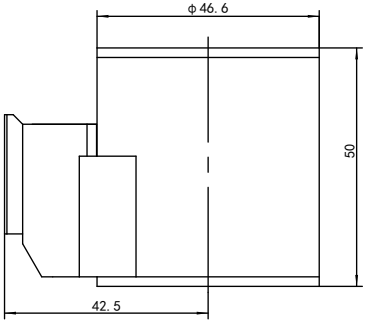


DIN43650

DEUTSCH DT04-2P

Corresponding Connector：DEUTSCH DT06-2S





Model

YSVB-*-* (ER)

Solenoid Valve Block

Serial Number

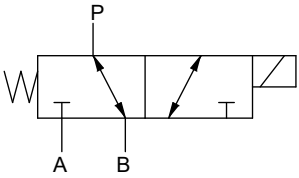
Voltage

12=DC12V
24=DC24V

Solenoid Coil

Blank=DIN43650
ER=DEUTSCH DT04-2P

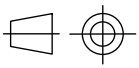
Schematic Diagram



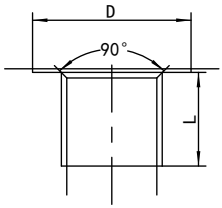
Technical Parameters

Parameters \ Type	YSVB-5
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max. Flow	22L/min
Max. Pressure	20MPa
Solenoid Coil Voltage	DC 12V±10%/DC 24V±5%
Internal Leakage	115mL/min@ 20MPa
Weight	0.91kg(DIN43650)
	0.95kg(DEUTSCH DT04-2P)
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	6061-T6 Aluminum Alloy

View



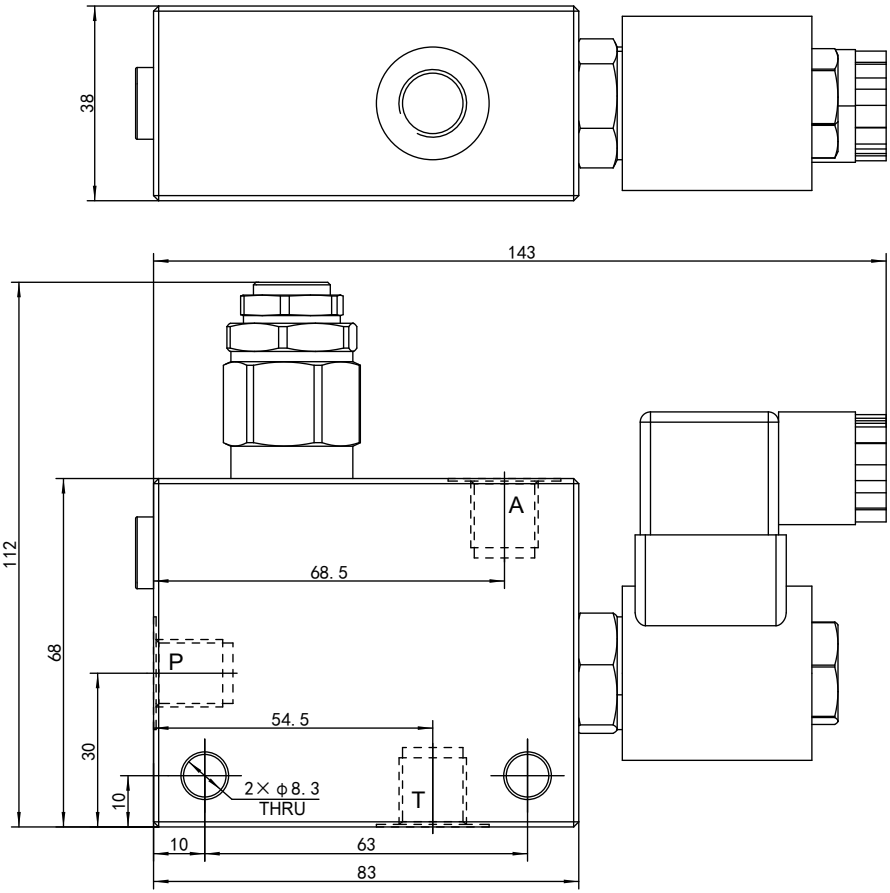
Oil Port

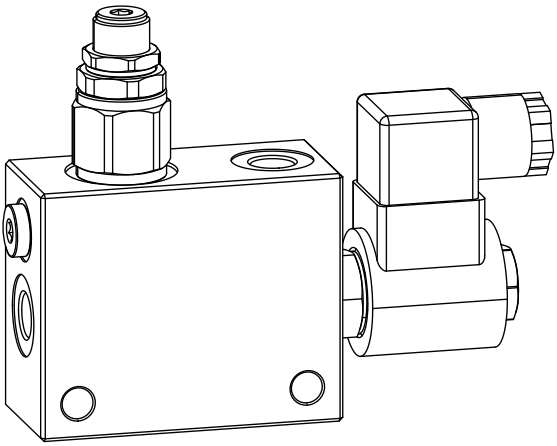


04

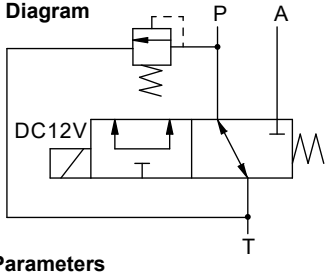
YXD03–3

Outline Drawing





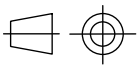
Schematic Diagram



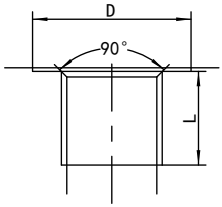
Technical Parameters

Parameters \ Type	YXD03-3
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max. Flow	11L/min
Max. Pressure	20MPa
Safety Valve Set Pressure	2.5MPa
Solenoid Coil Voltage	DC 12V±10%
Internal Leakage	82mL/min@ 20MPa
Weight	0.93kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	6061-T6 Aluminum Alloy

View

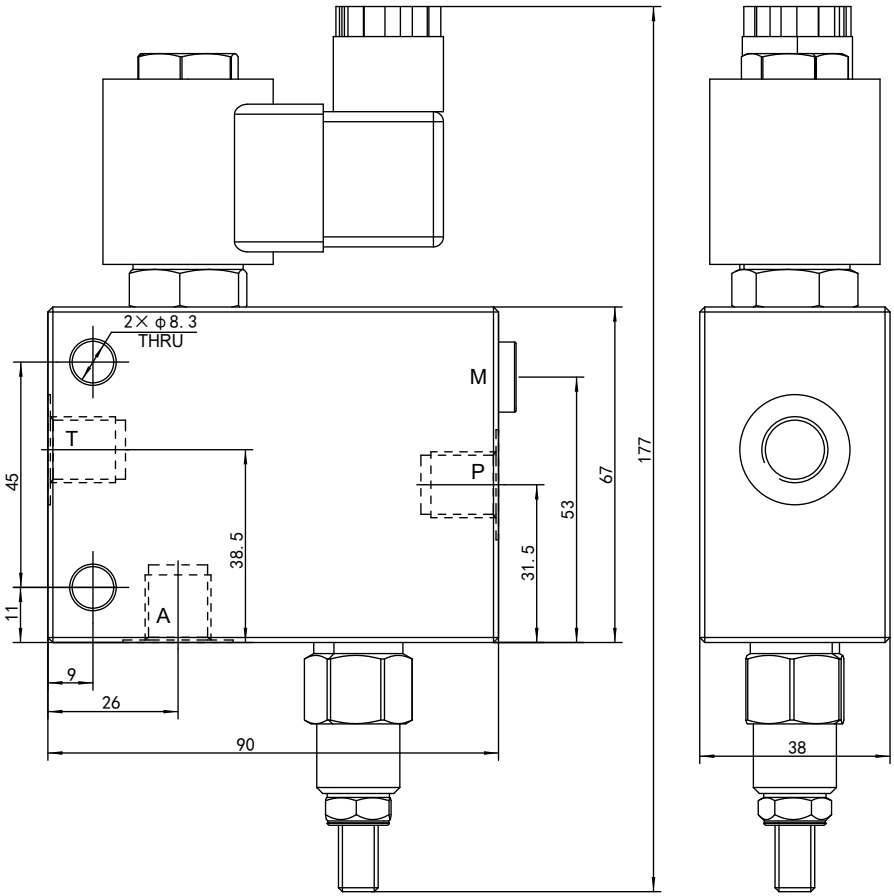


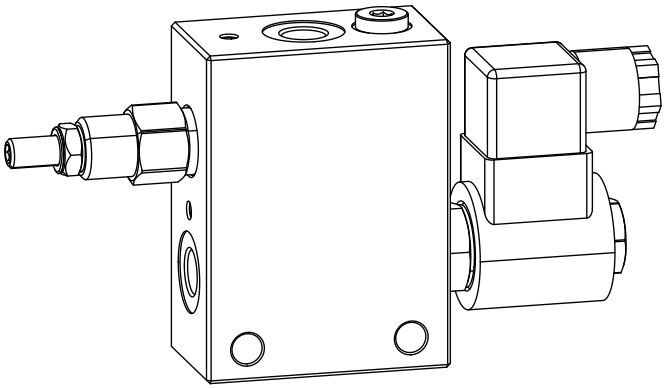
Oil Port



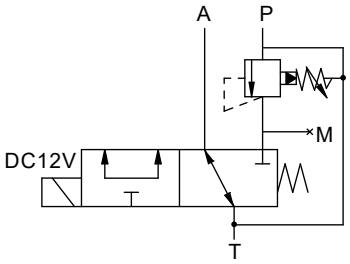
YRS–5

Outline Drawing





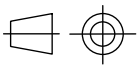
Schematic Diagram



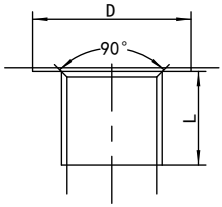
Technical Parameters

Parameters \ Type	YRS-5
Oil Port Thread	G1/4 D=22 L=13(P.T.A)
	G1/8 D=15 L=9(M)
Port Dimensions	ISO 1179-1
Max. Flow	11L/min
Max. Pressure	20MPa
Safety Valve Set Pressure	5MPa
Solenoid Coil Voltage	DC 12V±10%
Internal Leakage	82mL/min@ 20MPa
Weight	1.8kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View

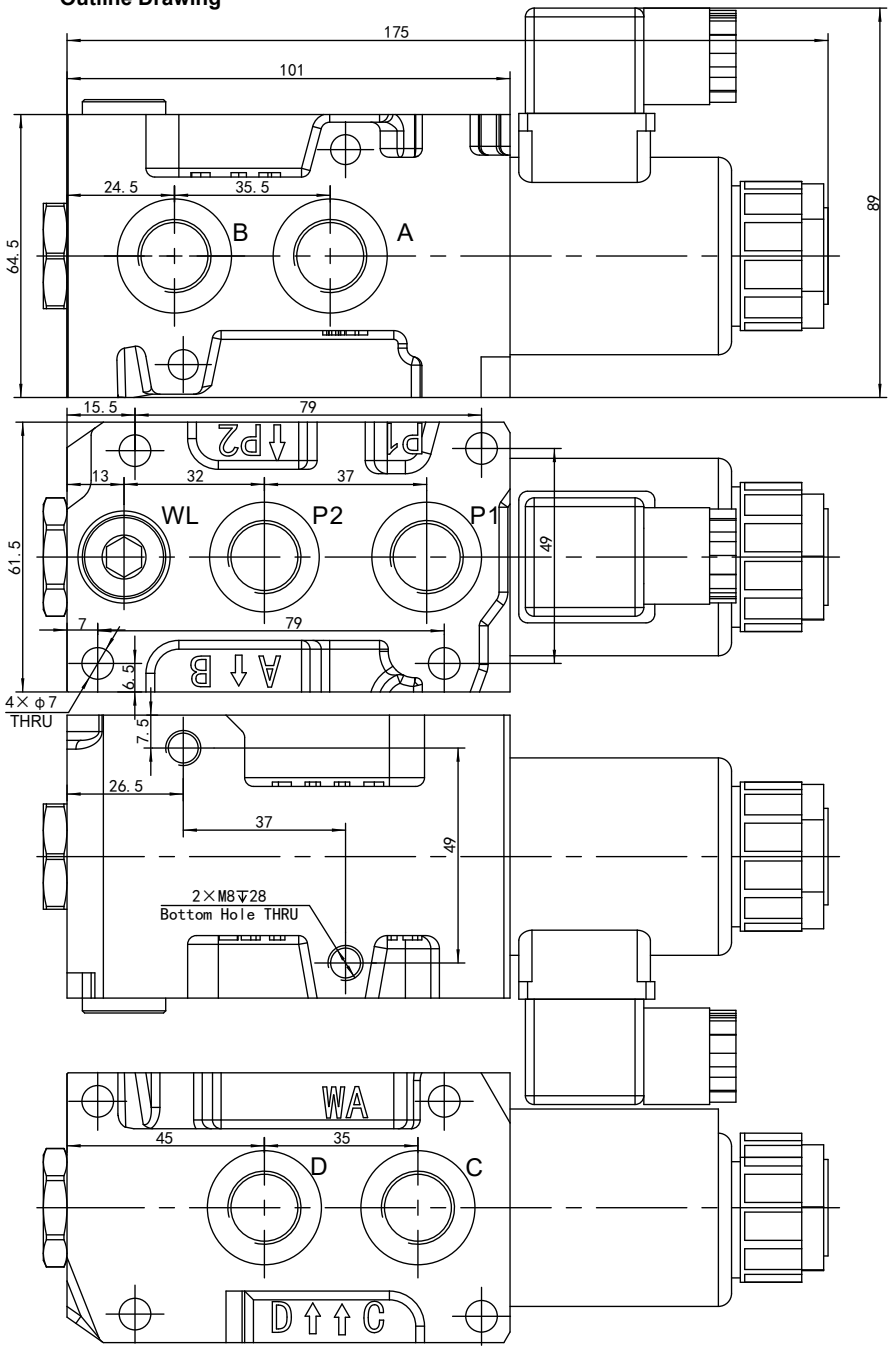


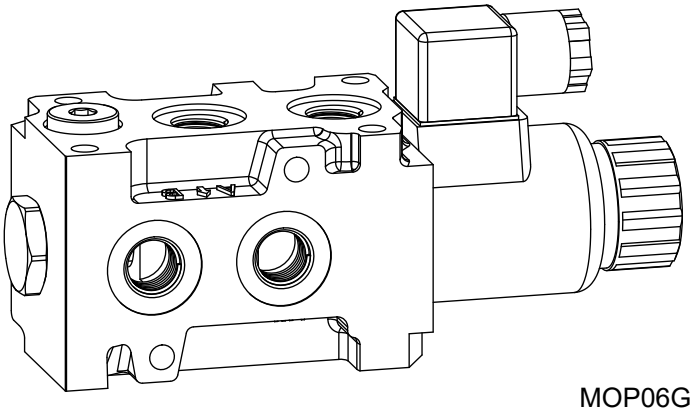
Oil Port



MOP06G38–*(ER)

Outline Drawing





MOP06G38-*（ER）

Oil Way Selector Valve

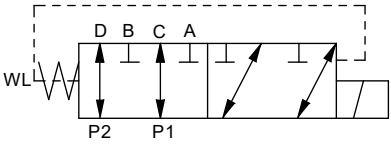
G3/8Thread

Voltage

12=DC12V
24=DC24V

Solenoid Coil
Blank=DIN43650
ER=DEUTSCH DT04-2P

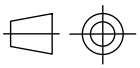
Schematic Diagram



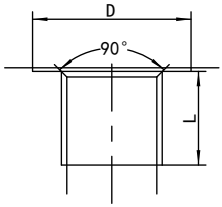
Technical Parameters

Parameters \ Type	MOP06G38-*(ER)
Oil Port Thread	G3/8 D=26 L=14(P1.P2.A.B.C.D)
	G1/4 D=22 L=13(WL)
Port Dimensions	ISO 1179-1
Max. Flow	40L/min
Max. Pressure	25MPa
Solenoid Coil Voltage	DC 12V±10%/DC 24V±5%
Internal Leakage	5ml/min@ 15MPa
Weight	2.9kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Electroplating Treatment

View

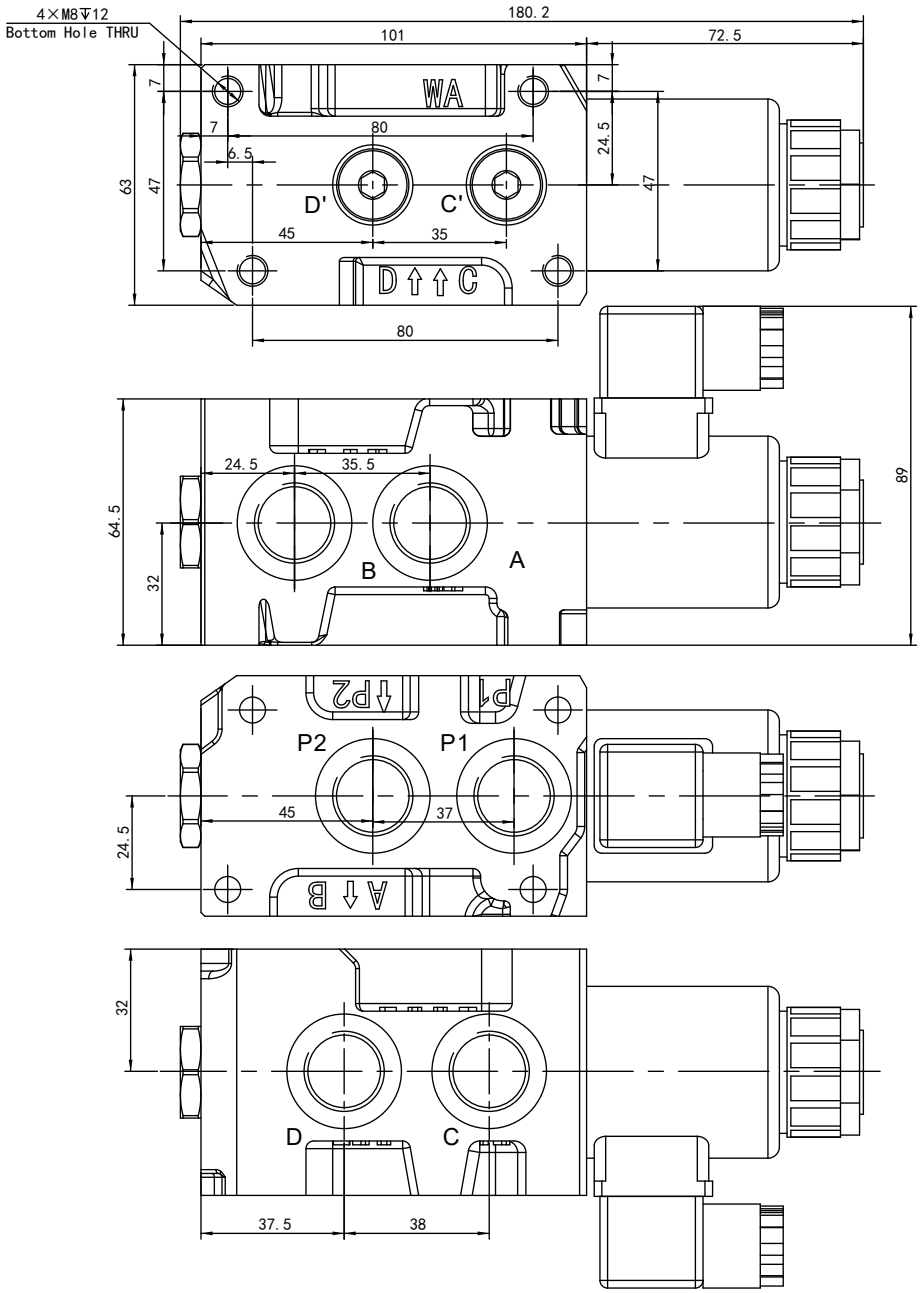


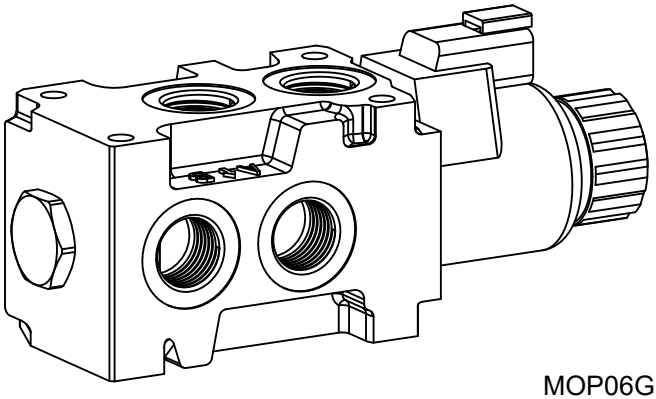
Oil Port



MOP06G12–*(ER)

Outline Drawing





MOP06G12-*（ER）

Oil Way Selector Valve

G1/2Thread

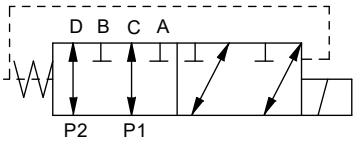
Voltage

12=DC12V
24=DC24V

Solenoid Coil

Blank=DIN43650
ER=DEUTSCH DT04-2P

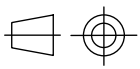
Schematic Diagram



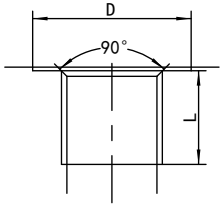
Technical Parameters

Parameters \ Type	MOP06G12-*(ER)
Oil Port Thread	G1/4 D=21 L=13(C'D')
Oil Port Thread	G1/2 D=30 L=16(P1.P2.A.B.C.D)
Port Dimensions	ISO 1179-1
Max. Flow	40L/min
Max. Pressure	25MPa
Solenoid Coil Voltage	DC 12V±10%/DC 24V±5%
Internal Leakage	5ml/min@ 15MPa
Weight	2.8kg
Working Temperature	-30～100˚C
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Electroplating Treatment

View



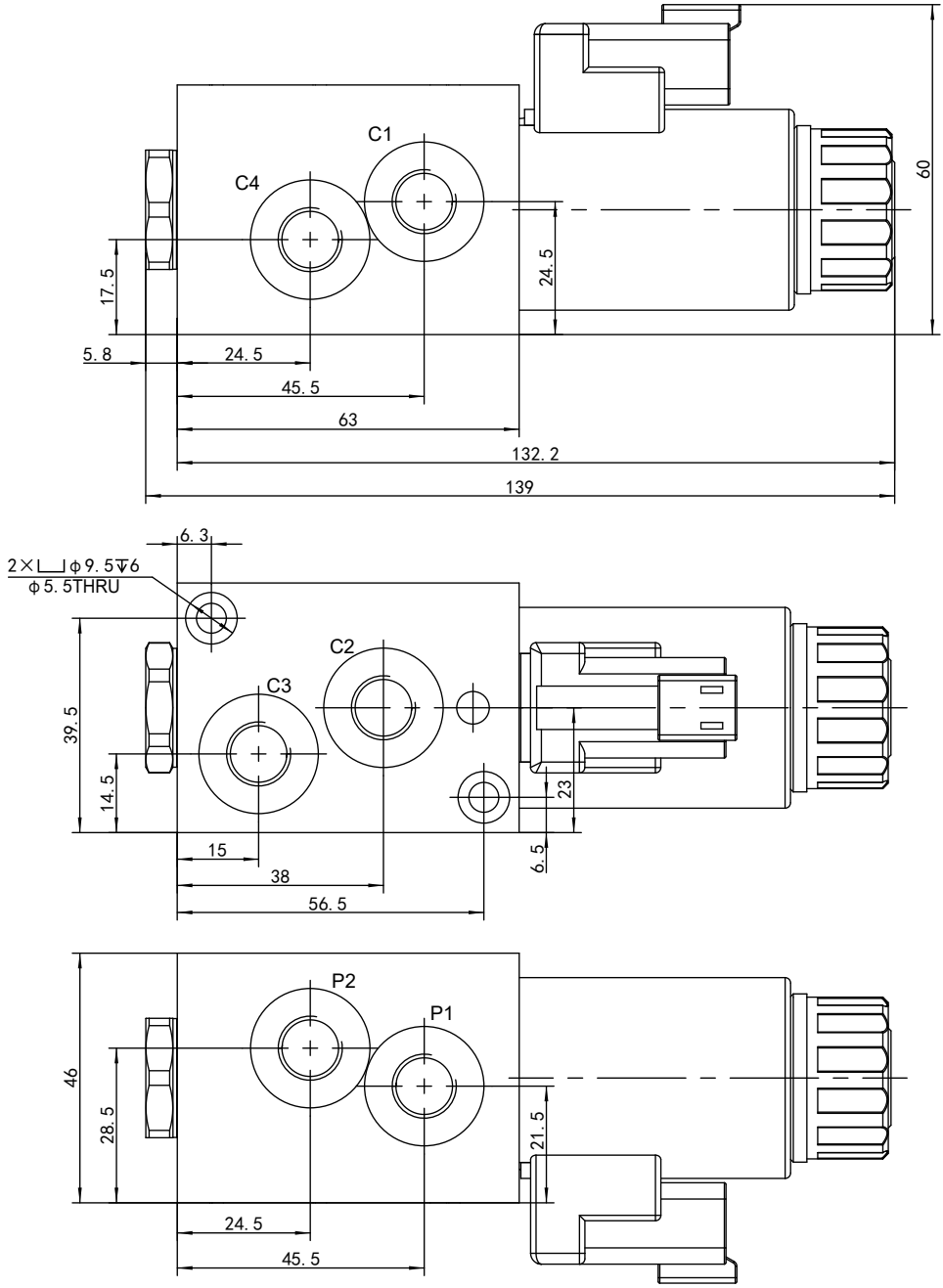
Oil Port



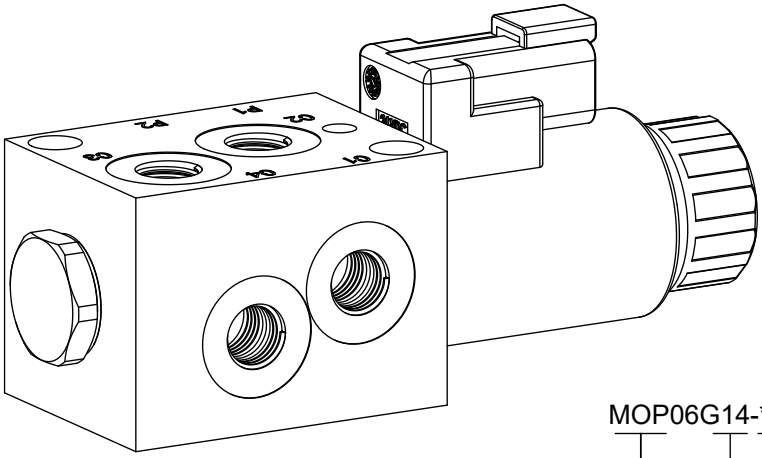
04

MOP06G14–*ER

Outline Drawing



04



MOP06G14-*ER

Oil Way Selector Valve

G1/4Thread

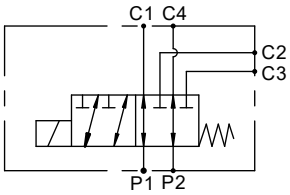
Voltage

12=DC12V
24=DC24V

Solenoid Coil

ER=DEUTSCH DT04-2P

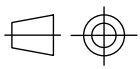
Schematic Diagram



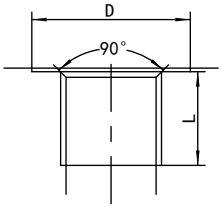
Technical Parameters

Parameters \ Type	MOP06G14-*ER
Oil Port Thread	G1/4 D=22 L=13(WL)
Port Dimensions	ISO 1179-1
Max. Flow	20L/min
Max. Pressure	32MPa
Solenoid Coil Voltage	DC 12V±10%/DC 24V±5%
Internal Leakage	5ml/min@ 15MPa
Weight	1.2kg
Working Temperature	-30～100˚C
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	QT450

View



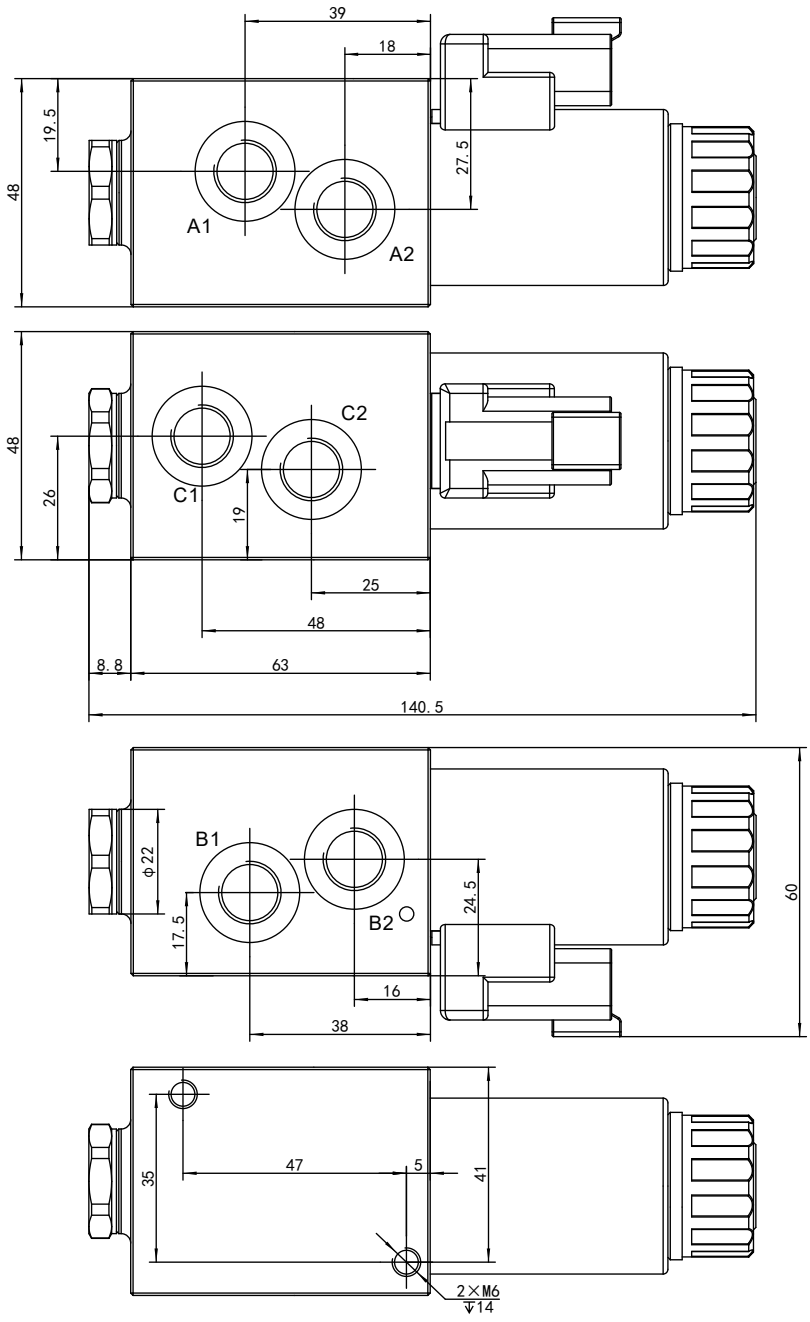
Oil Port

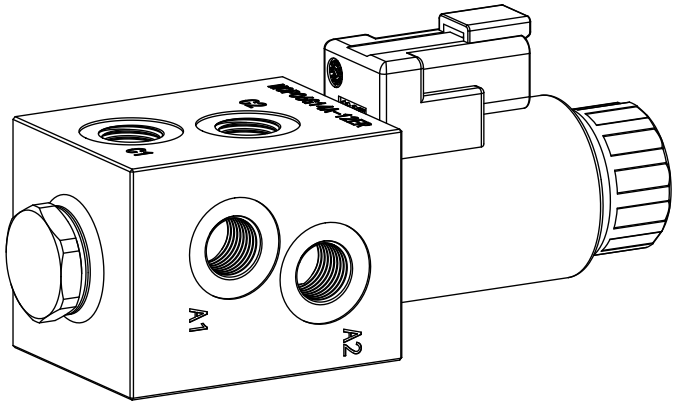


04

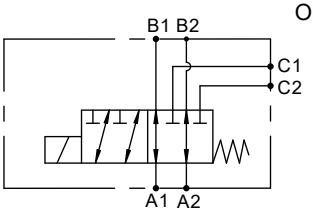
MOP06G14A–*ER

Outline Drawing





Schematic Diagram



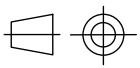
MOP06G14A-*ER

- Oil Way Selector Valve
- G1/4Thread
- Voltage
  - 12=DC12V
  - 24=DC24V
- Solenoid Coil
  - ER=DEUTSCH DT04-2P

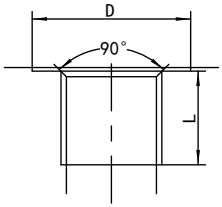
Technical Parameters

Parameters \ Type	MOP06G14A-*ER
Oil Port Thread	G1/4 D=21 L=13
Port Dimensions	ISO 1179-1
Max. Flow	20L/min
Max. Pressure	32MPa
Solenoid Coil Voltage	DC 12V±10%/DC 24V±5%
Internal Leakage	5ml/min@ 15MPa
Weight	1.3kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron，Surface Electroplating Treatment

View

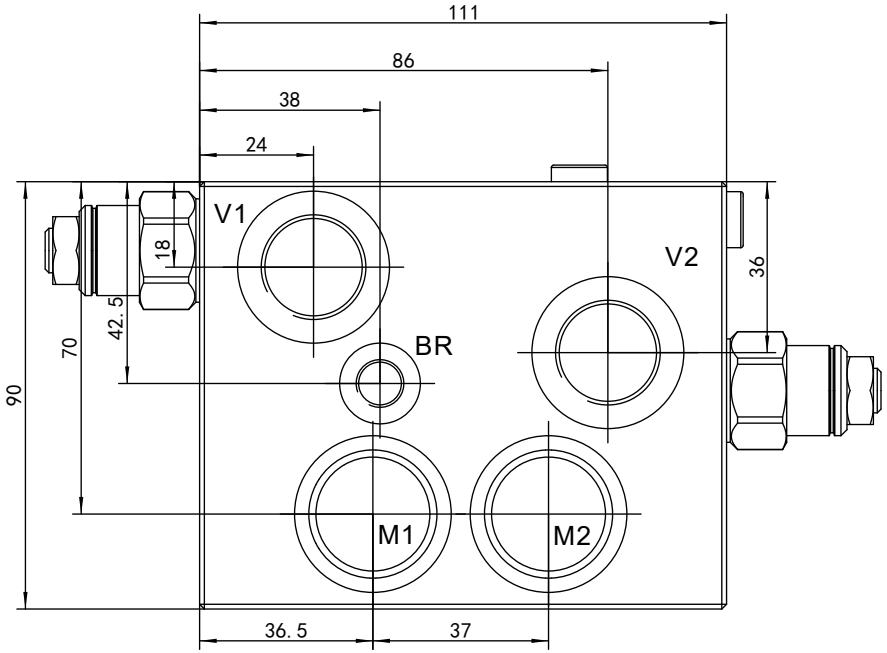


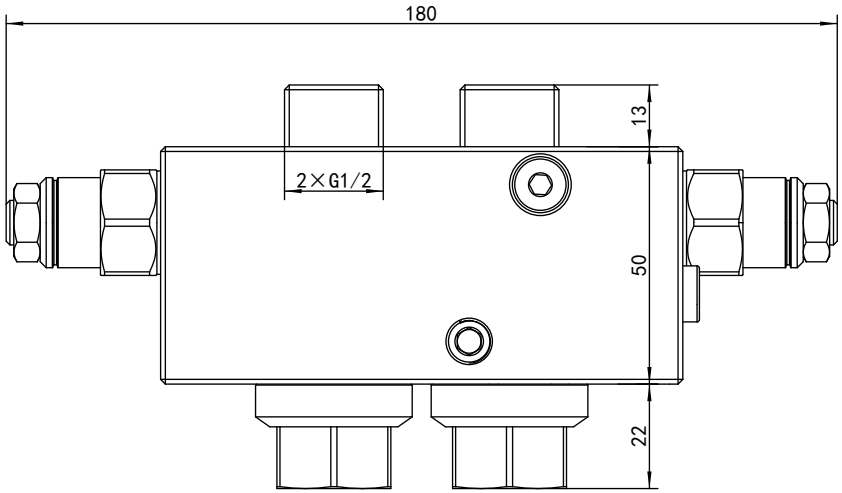
Oil Port

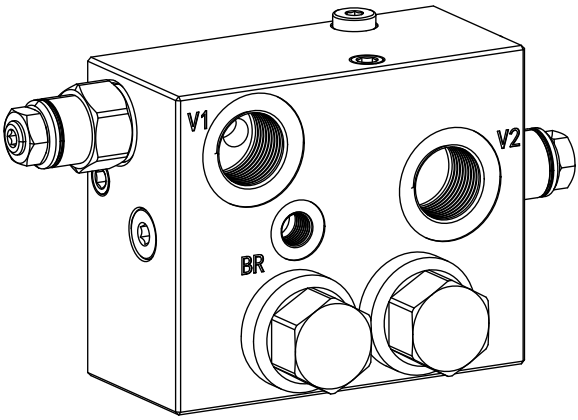


YCBL10–M22

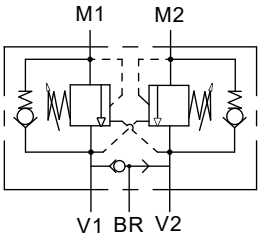
Outline Drawing







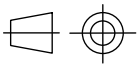
Schematic Diagram



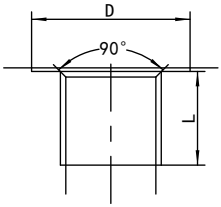
Technical Parameters

Parameters \ Type	YCBL10-M22
Oil Port Thread	M22X1.5 D=32 L=16(V1.V2)
Oil Port Thread	M10×1 D=17 L=11(BR)
Port Dimensions	ISO 9974-1
Max. Flow	60L/min
Max. Pressure	25MPa
Weight	3.6kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron，Surface Electroplating Treatment

View

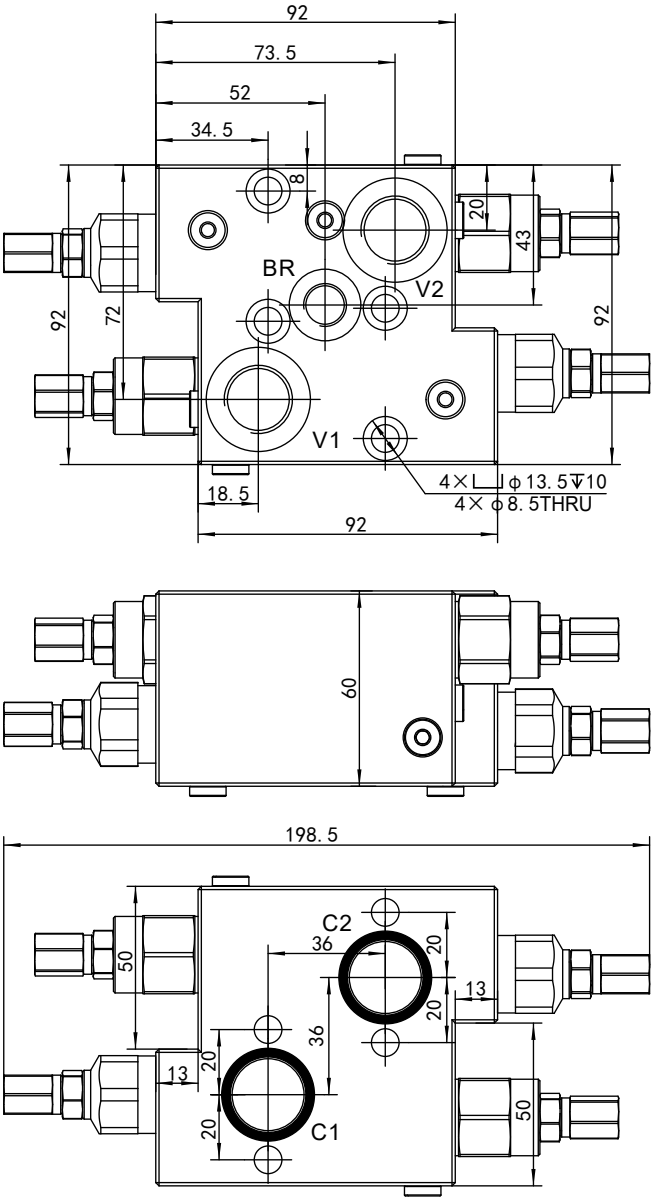


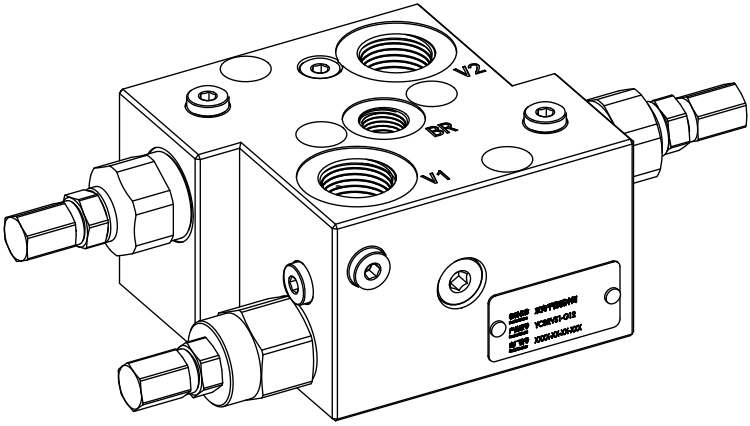
Oil Port



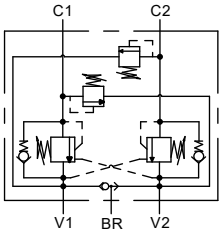
YCBRVS1–G12

Outline Drawing





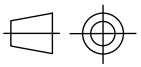
Schematic Diagram



Technical Parameters

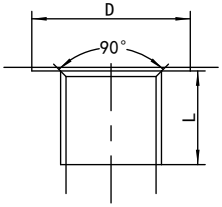
Parameters \ Type	YCBRVS1-G12
Oil Port Thread	G1/2 D=32 L=18(V1.V2)
Oil Port Thread	G1/4 D=22 L=16(BR)
Port Dimensions	ISO 1179-1
Max. Flow	45L/min
Max. Pressure	21MPa
Weight	3.5kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron，Surface Electroplating Treatment

View



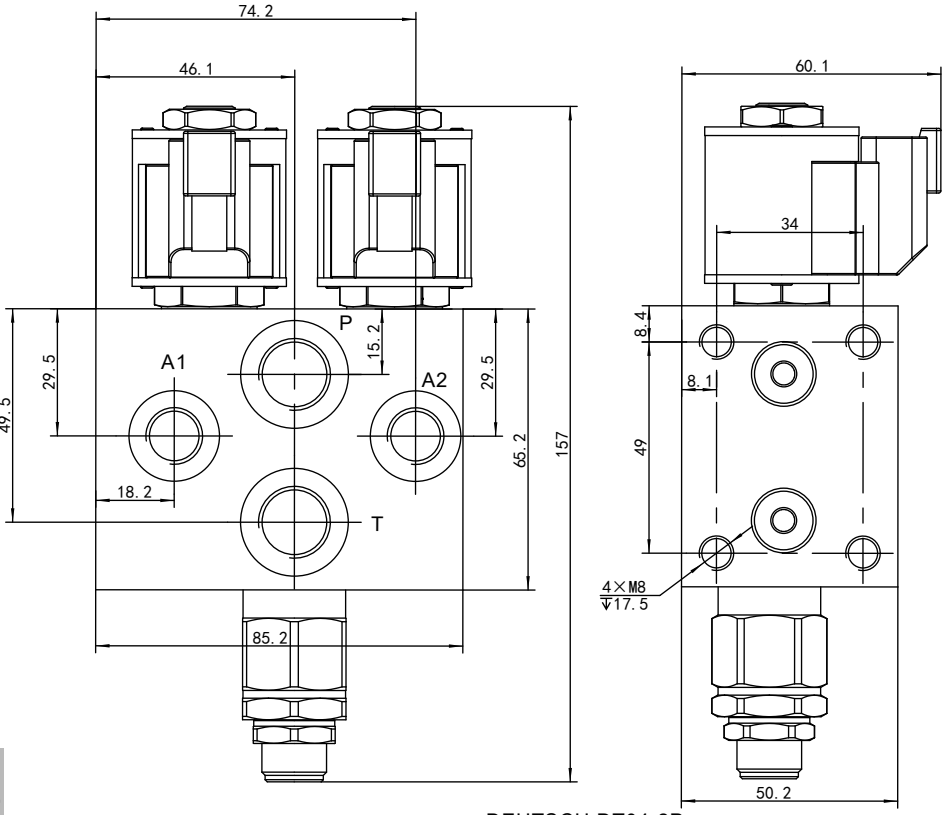
04

Oil Port



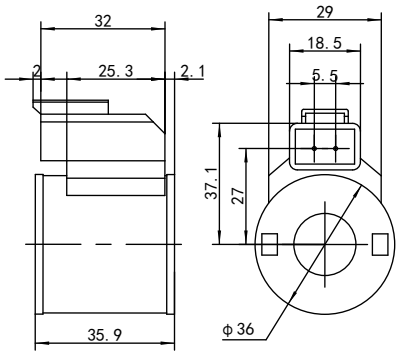
YCVB–15W

Outline Drawing

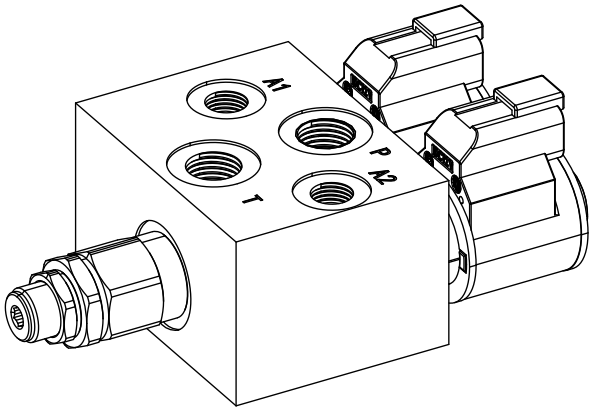


DEUTSCH DT04-2P

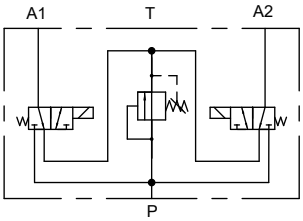
Corresponding Connector：DEUTSCH DT06-2S



04



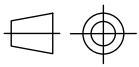
Schematic Diagram



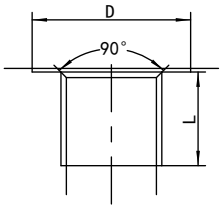
Technical Parameters

Parameters \ Type	YCVB-15W
Oil Port Thread	G3/8 D=25 L=13(P.T)
	G1/4 D=21 L=13(A1.A2)
Port Dimensions	ISO 1179-1
Max. Flow	15L/min
Max. Pressure	21MPa
Relief Valve Opening Pressure	3MPa
Solenoid Coil Voltage	DC12V±10%
Internal Leakage	10ml/min@ 5MPa
Weight	1.29kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	6061-T6 Aluminum Alloy

View

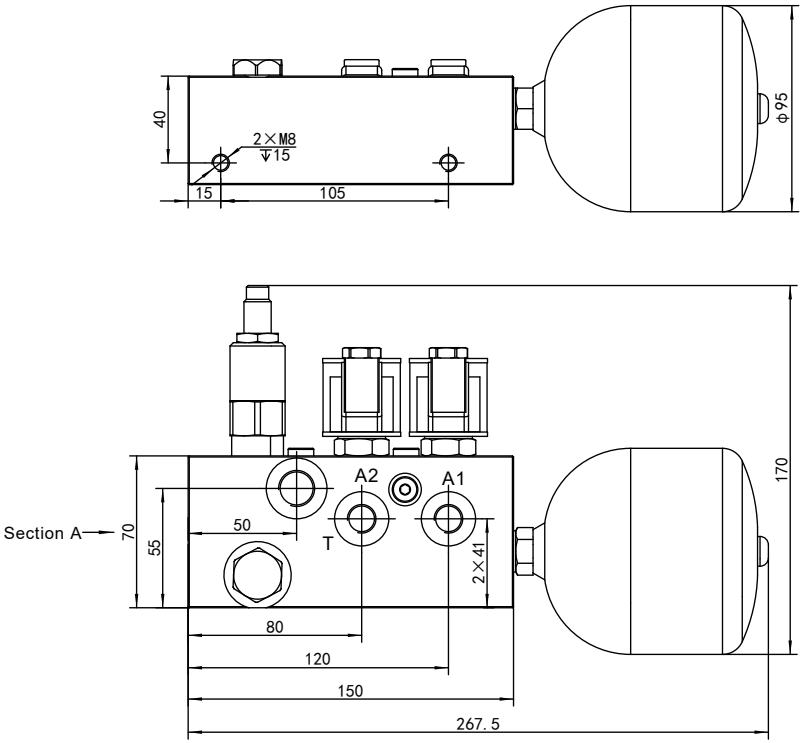


Oil Port

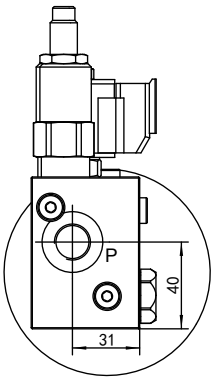


YCVB–17

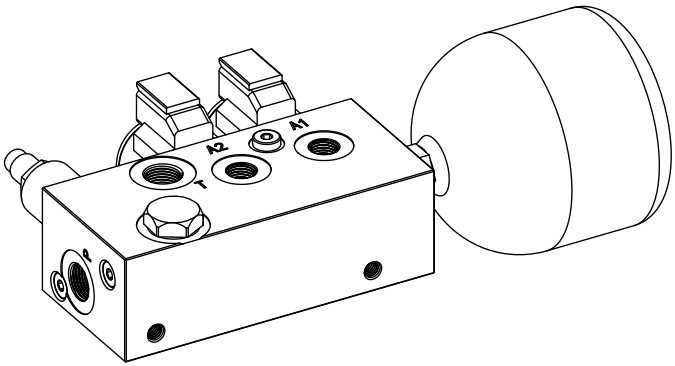
Outline Drawing



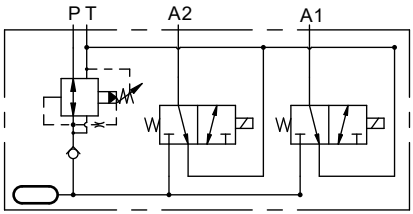
Section A



04



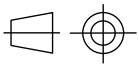
Schematic Diagram



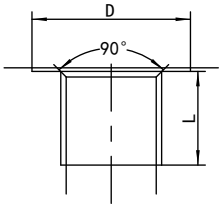
Technical Parameters

Parameters \ Type	YCVB-17
Oil Port Thread	G3/8 D=28 L=16(P.T)
Oil Port Thread	G1/4 D=25 L=16(A1.A2)
Port Dimensions	ISO 1179-1
Max. Flow	11.5L/min
Max. Pressure	12MPa
Solenoid Coil Voltage	DC 12V±10%
Weight	3.9kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	6061-T6 Aluminum Alloy

View



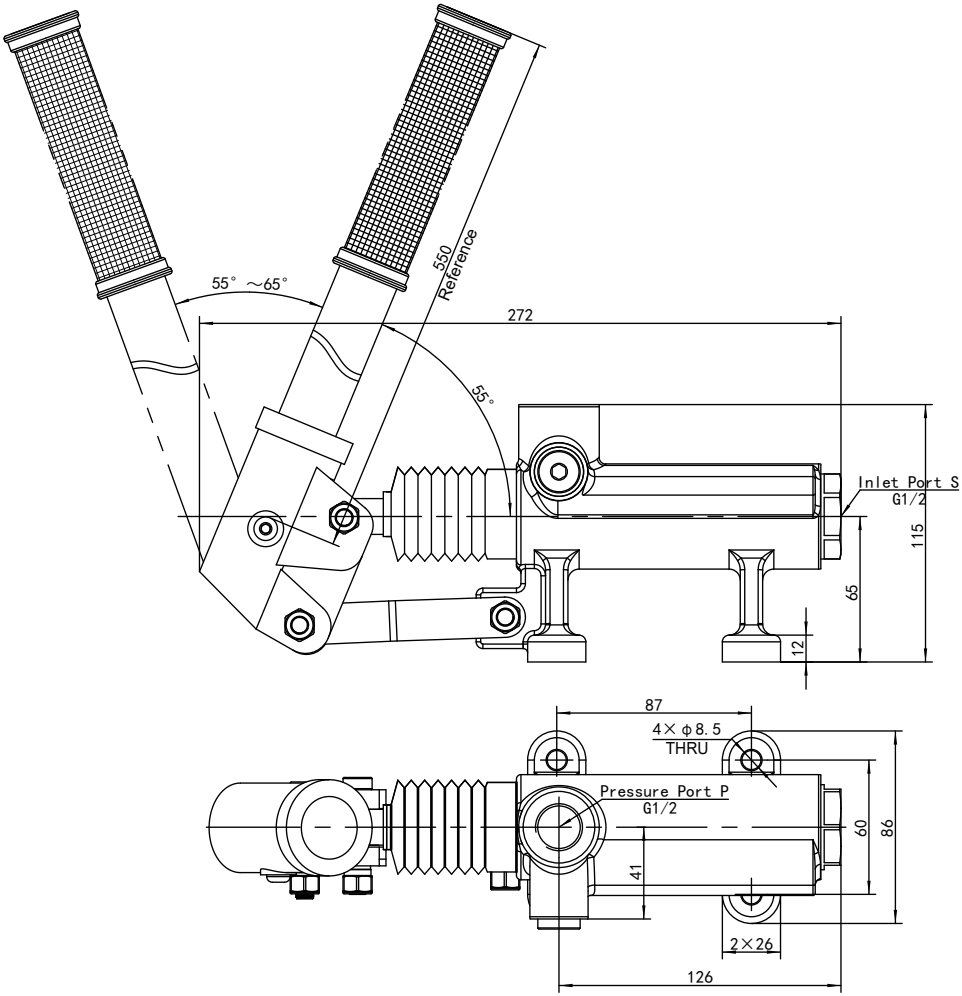
Oil Port

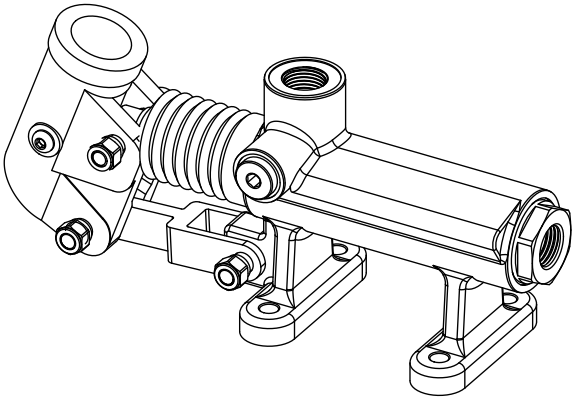


04

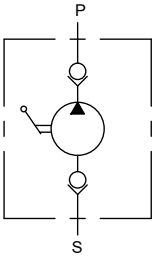
YPM–50

Outline Drawing

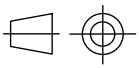




Schematic Diagram



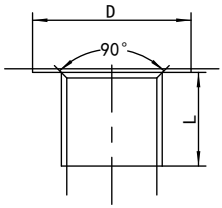
View



Technical Parameters

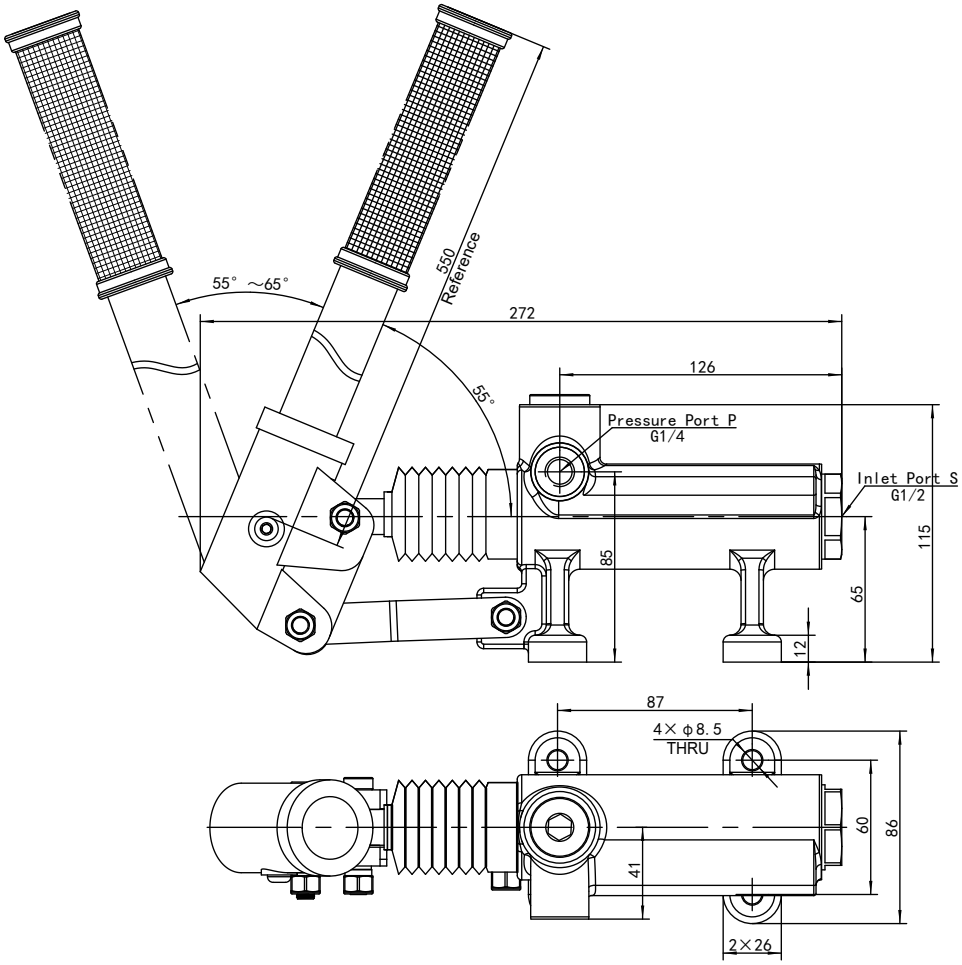
Parameters \ Type	YPM-50
Oil Port Thread	G1/2 D=32 L=16
Port Dimensions	ISO 1179-1
Displacement	50mL/stroke
Max. Pressure	28MPa
Weight	4.9kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

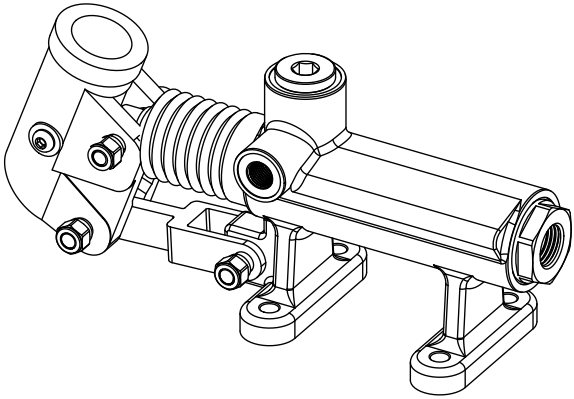
Oil Port



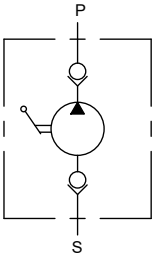
YPM–50A

Outline Drawing

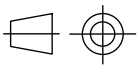




Schematic Diagram



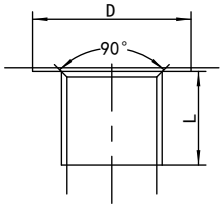
View



Technical Parameters

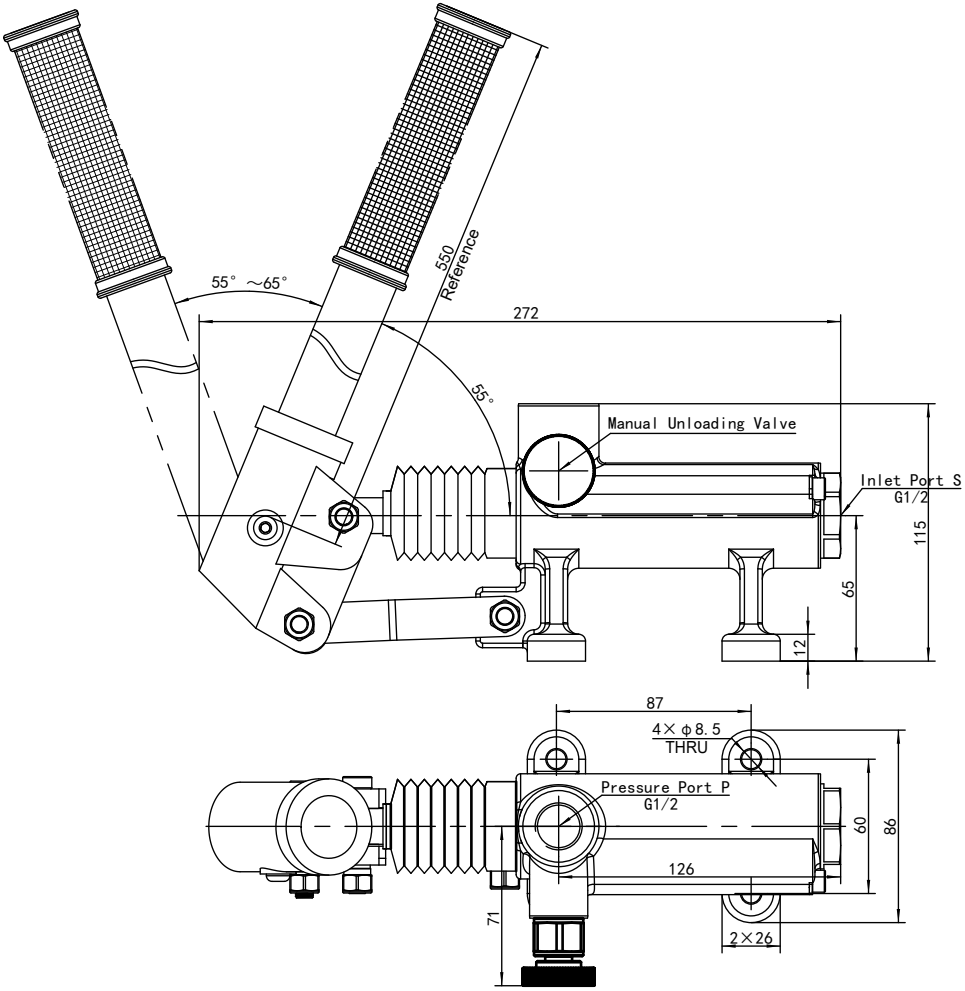
Parameters \ Type	YPM-50A
Oil Port Thread	G1/2 D=32 L=16(S)
	G1/4 D=22 L=13(P)
Port Dimensions	ISO 1179-1
Displacement	50mL/stroke
Max. Pressure	28MPa
Weight	4.9kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

Oil Port

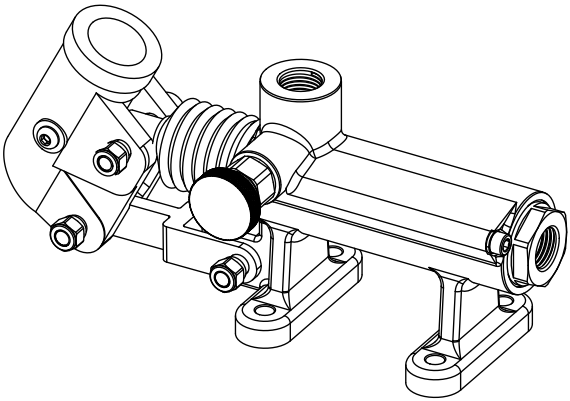


YPM–50S

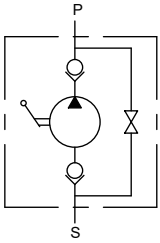
Outline Drawing



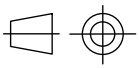
04



Schematic Diagram



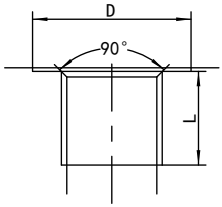
View



Technical Parameters

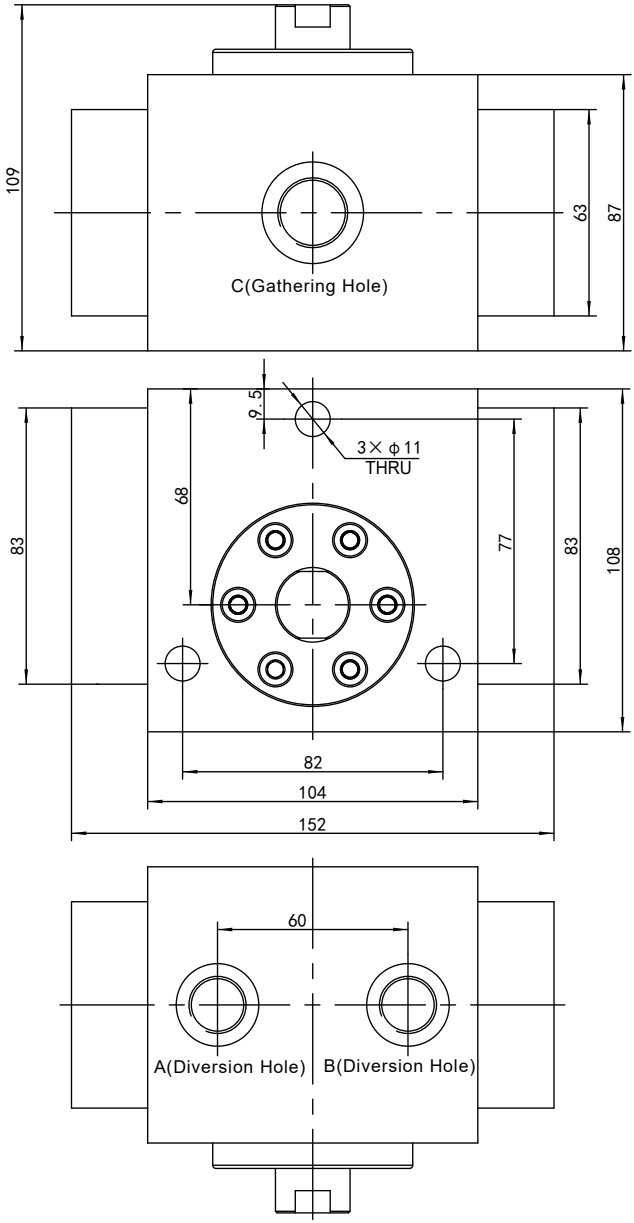
Parameters \ Type	YPM-50S
Oil Port Thread	G1/2 D=32 L=16
Port Dimensions	ISO 1179-1
Displacement	50mL/stroke
Max. Pressure	28MPa
Weight	4.92kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

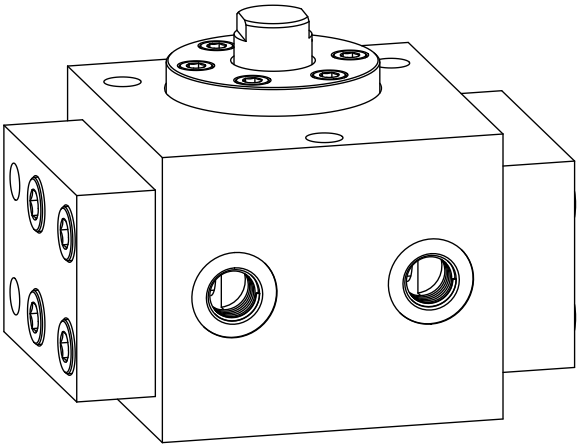
Oil Port



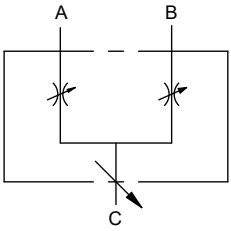
FJLZ–L15H

Outline Drawing





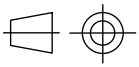
Schematic Diagram



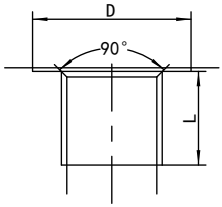
Technical Parameters

Parameters \ Type	FJLZ-L15H
Oil Port Thread	M22×1.5 D=32 L=16(C)
	M18×1.5 D=22 L=13(A.B)
Port Dimensions	ISO 9974-1
Nominal Flow Rate	40L/min
Equal-time Flow	20～50L/min
Synchronization Error	2%
Nominal Diameter	10mm
Max. Pressure	21MPa
Weight	8.2kg
Working Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Valve Body	Cast iron, Surface Spray Paint

View



Oil Port



CENTRAL SWIVEL JOINT

Features：

——Multiple connection and installation methods

——Multi-channel customization

——Reliable sealing and longer service life

——Compact structure and easy installation

——Effective resistance to oil pressure shock

Functional Description：

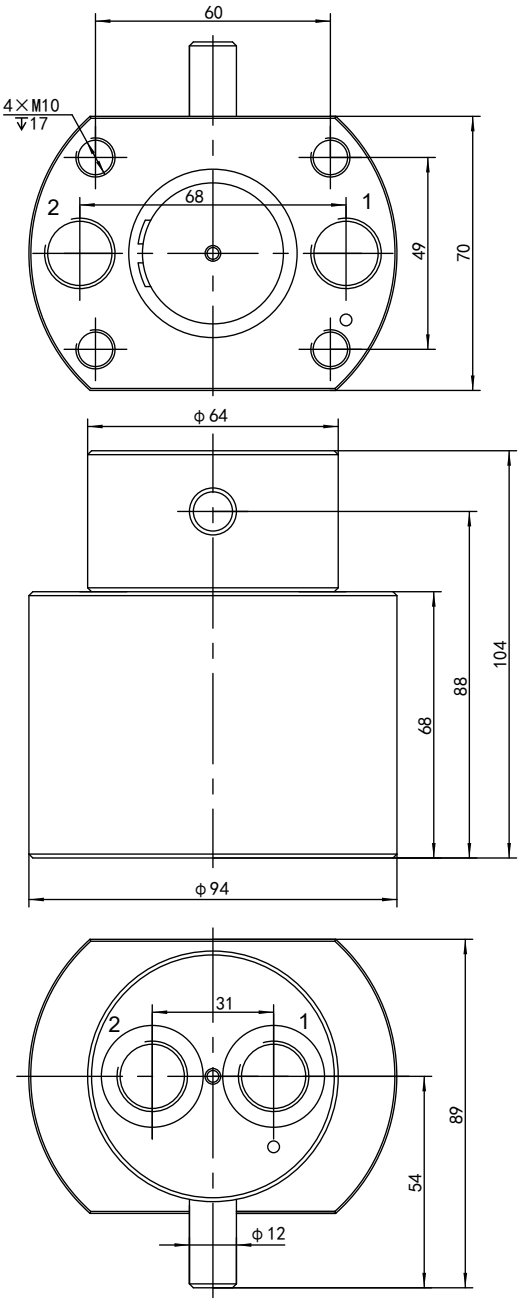
The central swivel joint consists of a swivel shaft, a swivel body, a bottom cover, and a sealing material. It is used in working conditions where the swivel mechanism including hydraulic, electrical circuits, and gas circuits needs to rotate 360 degrees. The central swivel joint can realize 360-degree rotation of hydraulic oil pipes, transmission wires, and gas lines without motion interference. It is widely used in the swivel mechanism of excavators, cranes, aerial work vehicles, rotary drilling rigs, graders, and other equipment.

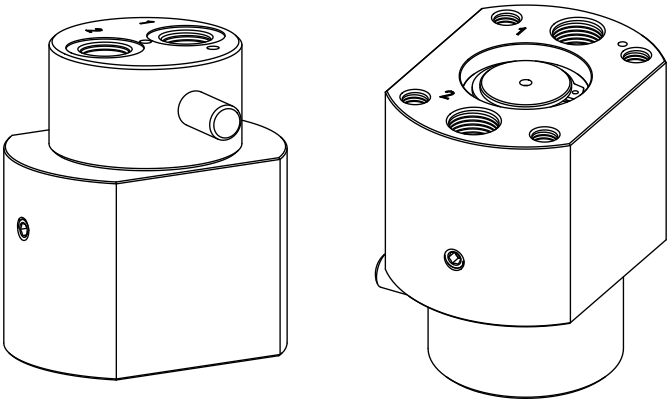
Type \ Parameters	Oil Port Thread	Max. Pressure	Max. Flow	Page
YHZ-2-1	M18×1.5	25MPa	15L/min	100～101
YHZ-2-3N	M18×1.5	32MPa	50L/min	102～103
YHZ-2-5N	G3/8	32MPa	40L/min	104～105
YHZ-2-6	M18×1.5	32MPa	40L/min	106～107
YHZ-2-10	G3/4	32MPa	150L/min	108～109
YHZ-2-11	3/8-18NPT	32MPa	40L/min	110～111
YHZ-2-12	G3/8	35MPa	80L/min	112～113
YHZ-2-20MB	G1/4&G3/8&G1/2	35MPa	70L/min	114～115
YHZ-3-2SR20	M12×1.5&M18×1.5	25MPa&32MPa	10L/min&60L/min	116～117
	M22×1.5		100L/min	
YHZ-3-3SR*	M14×1.5&M18×1.5	25MPa	20L/min&50L/min	118～119
YHZ-3-5SR*	M22×1.5	25MPa	80L/min	120～121
YHZ-3-10	G1/2&G3/4	30MPa	60L/min&120L/min	122～123
YHZ-4-1SR*	M16×1.5&M22×1.5	5MPa&32MPa	40L/min&60L/min	124～125
	M27×2		120L/min	
YHZ-4-2	G3/8	25MPa	40L/min	126～127
YHZ-4-3	G3/4	25MPa	80L/min	128～129
YHZ-4-4	M18×1.5	25MPa	40L/min	130～131
YHZ-4-5	G3/8&G3/4&G1	32MPa	40L/min&120L/min	132～133
			150L/min	
YHZ-5-2	G1/2&G3/4&G1	39MPa	100L/min&120L/min	134～135
			220L/min	
YHZ-6-1N	M14×1.5	25MPa	25L/min	136～137
YHZ-6-3A	G1/4	25MPa	25L/min	138～139
YHZ-6-4N	G3/8	25MPa	45L/min	140～141
YHZ-6-10	M14×1.5&M18×1.5	25MPa	25L/min&40L/min	142～143
YHZ-6-12A	G1/4	25MPa	25L/min	144～145
YHZ-6-14A	G1/4	25MPa	25L/min	146～147
YHZ-7-1A	G1/4	25MPa	25L/min	148～149
YHZ-8-1B	M14×1.5	25MPa	25L/min	150～151
YHZ-8-1R	Rc1/4	25MPa	25L/min	152～153
YHZ-8-4	M14×1.5	25MPa	25L/min	154～155
YHZ-8-5	G1/4	0.3MPa&25MPa	25L/min	156～157

Type \ Parameters	Oil Port Thread	Max. Pressure	Max. Flow	Page
YHZ-8-6WE	G1/4&NPT1/4	0.3MPa&0.8MPa	30L/min&40L/min	158～159
	M18×1.5	20MPa		
YHZ-8-7	G1/4&G3/8&G1/2	0.3MPa&25MPa	20L/min&40L/min	160～161
	3/4-16UNF		80L/min	
YHZ-8-8	M14×1.5&M18×1.5	0.3MPa&7.5MPa	5L/min&62L/min	162～163
	M20×1.5&M24×1.5	32MPa	89L/min	
YHZ-8-9	G1/4	25MPa	25L/min	164～165
YHZ-8-10	G1/4&G3/8&G1/2	0.3MPa&5MPa	20L/min&40L/min	166～167
		32MPa	85L/min	
YHZ-8-12	G1/4&G3/8&G1/2	0.3MPa&5MPa	20L/min&40L/min	168～169
		26MPa&32MPa	68L/min	
YHZ-8-15	PF1/4&PF3/8&PF1/2	42MPa	25L/min&45L/min	170～171
			65L/min	
YHZ-8-16	PF3/8&PF1/2	42MPa	45L/min&65L/min	172～173
YHZ-8-20*	G1/4&G3/8&G1/2	25MPa	20L/min&50L/min	174～175
			80L/min	
YHZ-8-21	PF1/4&PF3/8	42MPa	25L/min&45L/min	176～177
YHZ-8-22	G1/4&G3/8&G1/2	32MPa	10L/min&30L/min	178～179
			60L/min&100L/min	
YHZ-9-1	G1/4	0.3MPa&25MPa	25L/min	180～181
YHZ-9-2SR*	M18×1.5	25MPa	60L/min	182～183
YHZ-9-4	G1/4	0.3MPa&25MPa	25L/min	184～185
YHZ-10-1	M12×1.5&M14×1.5	25MPa	30L/min	186～187
YHZ-10-2	M12×1.5&M14×1.5	25MPa	30L/min	188～189
YHZ-10-3	G1/8&G1/4&G3/8	25MPa	20L/min&40L/min	190～191
YHZ-10-4	M14×1.5	25MPa	25L/min	192～193
YHZ-10-5C	M12×1.5&M14×1.5	25MPa	30L/min	194～195
YHZ-10-6	G1/8&G1/4&G3/8	25MPa	20L/min&40L/min	196～197
YHZ-10-9	G1/4	0.3MPa&25MPa	15L/min&25L/min	198～199
YHZ-10-10	M12×1.5&M14×1.5	32MPa	25L/min&30L/min	200～201
YHZ-10-11	Rc1/4	0.3MPa&32MPa	25L/min&30L/min	202～203
YHZ-10-12	G1/4&G3/8	1MPa&6MPa	30L/min&60L/min	204～205
		38MPa		
YHZ-11-1SR12	M18×1.5&M27×2	25MPa	40L/min&120L/min	206～207

YHZ–2–1

Outline Drawing

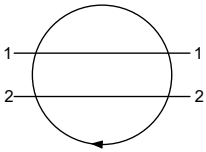




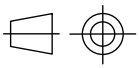
Technical Parameters

Parameter \ Type	YHZ−2−1
Oil Port Thread	M18×1.5 D=26 L=15
Port Dimensions	ISO 9974-1
Max.Flow	15L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	2
Starting Torque	≤50N.m
Rotational Torque	≤30N.m
Rotational Speed	≤15r/min
Weight	3.7kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

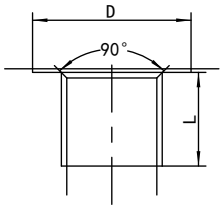
Schematic Diagram



View



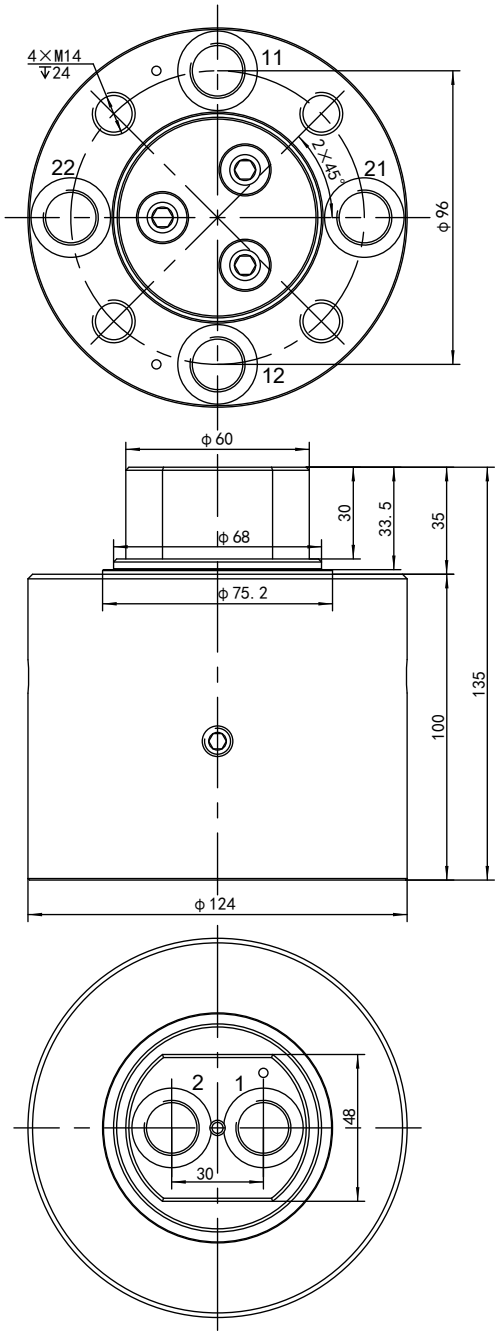
Port

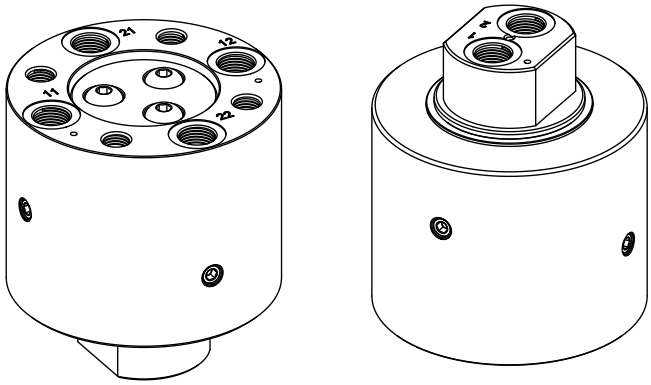


05

YHZ–2–3N

Outline Drawing

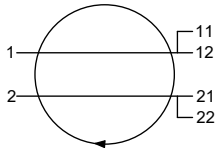




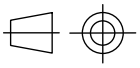
Technical Parameters

Parameter \ Type	YHZ−2−3N
Oil Port Thread	M18×1.5 D=26 L=15
Port Dimensions	ISO 9974-1
Max.Flow	50L/min
Max.Pressure	32MPa
Diameter	8mm
NO.of Rotational Channels	2
Starting Torque	≤100N.m
Rotational Torque	≤50N.m
Rotational Speed	≤15r/min
Weight	8.6kg
Operating Temperature	-30～100˚C
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

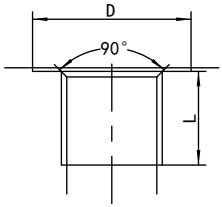
Schematic Diagram



View



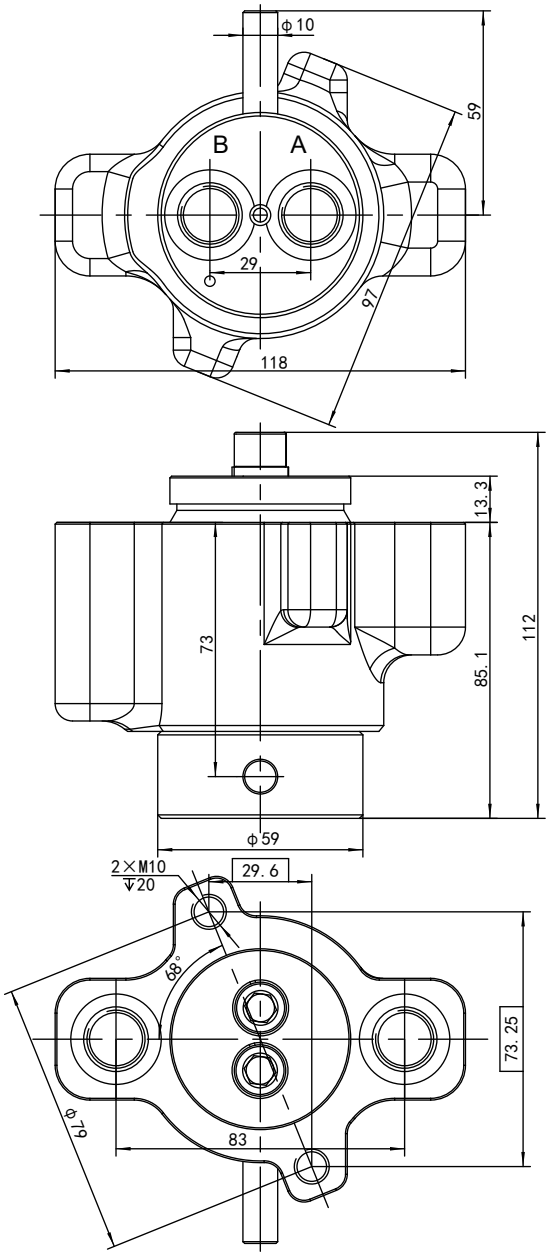
Port

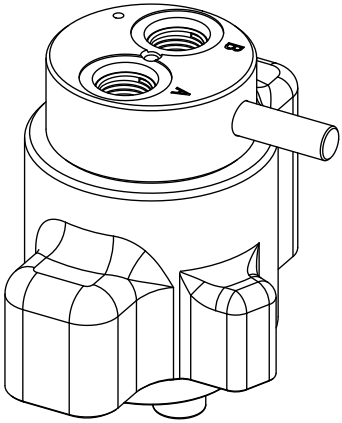


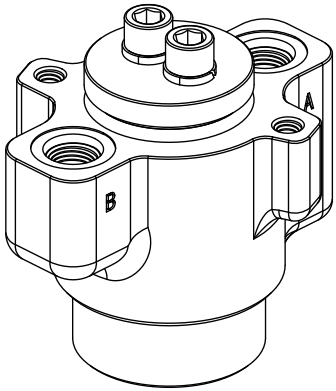
05

YHZ–2–5N

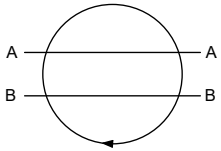
Outline Drawing







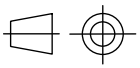
Schematic Diagram



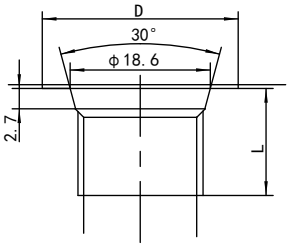
Technical Parameters

Parameter \ Type	YHZ−2−5N
Oil Port Thread	G3/8 D=26 L=14
Port Dimensions	JIS B 2351
Max.Flow	40L/min
Max.Pressure	32MPa
Diameter	8mm
NO.of Rotational Channels	2
Starting Torque	≤50N.m
Rotational Torque	≤30N.m
Rotational Speed	≤15r/min
Weight	2.8kg
Operating Temperature	-30～100˚C
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

View

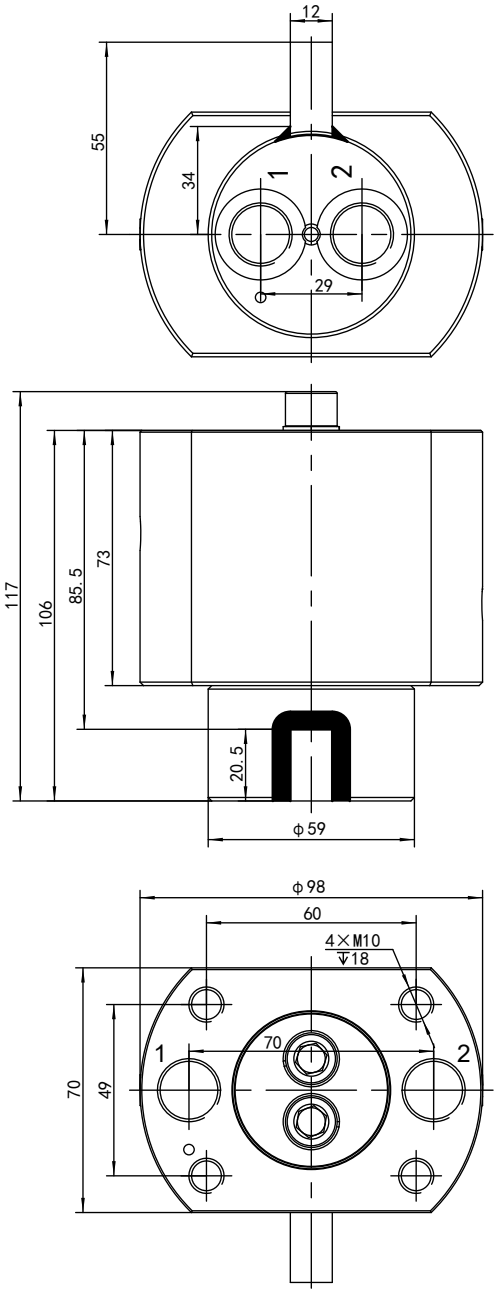


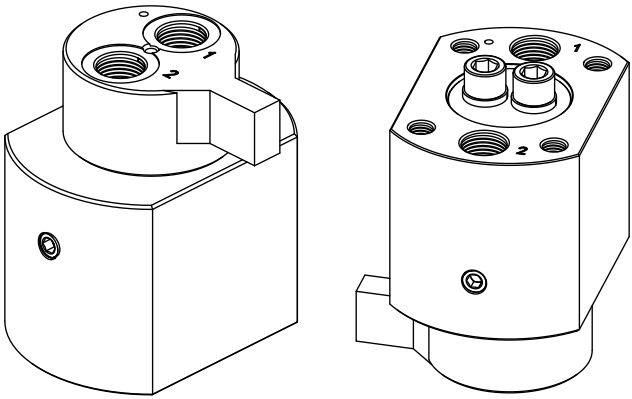
Port



YHZ–2–6

Outline Drawing

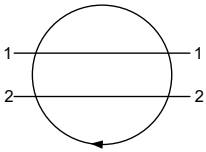




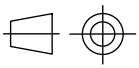
Technical Parameters

Parameter \ Type	YHZ−2−6
Oil Port Thread	M18×1.5 D=26 L=15
Port Dimensions	ISO 9974-1
Max.Flow	40L/min
Max.Pressure	32MPa
Diameter	8mm
NO.of Rotational Channels	2
Starting Torque	≤50N.m
Rotational Torque	≤30N.m
Rotational Speed	≤15r/min
Weight	3.7kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

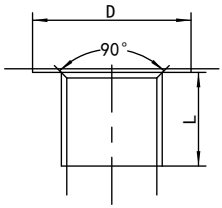
Schematic Diagram



View

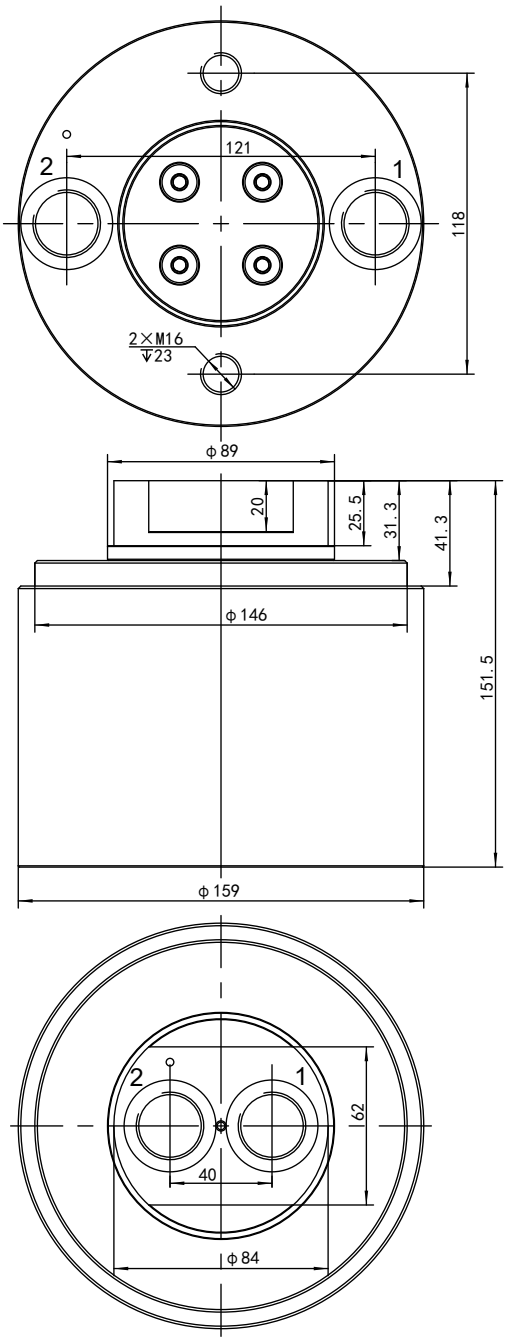


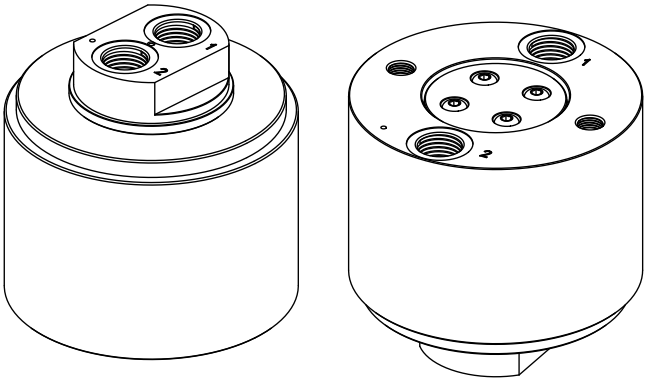
Port



YHZ–2–10

Outline Drawing

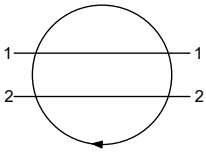




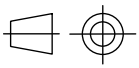
Technical Parameters

Parameter \ Type	YHZ−2−10
Oil Port Thread	G3/4 D=36 L=18
Port Dimensions	ISO 1179-1
Max.Flow	150L/min
Max.Pressure	32MPa
Diameter	18mm
NO.of Rotational Channels	2
Starting Torque	≤100N.m
Rotational Torque	≤50N.m
Rotational Speed	≤15r/min
Weight	16.5kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

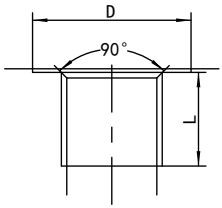
Schematic Diagram



View

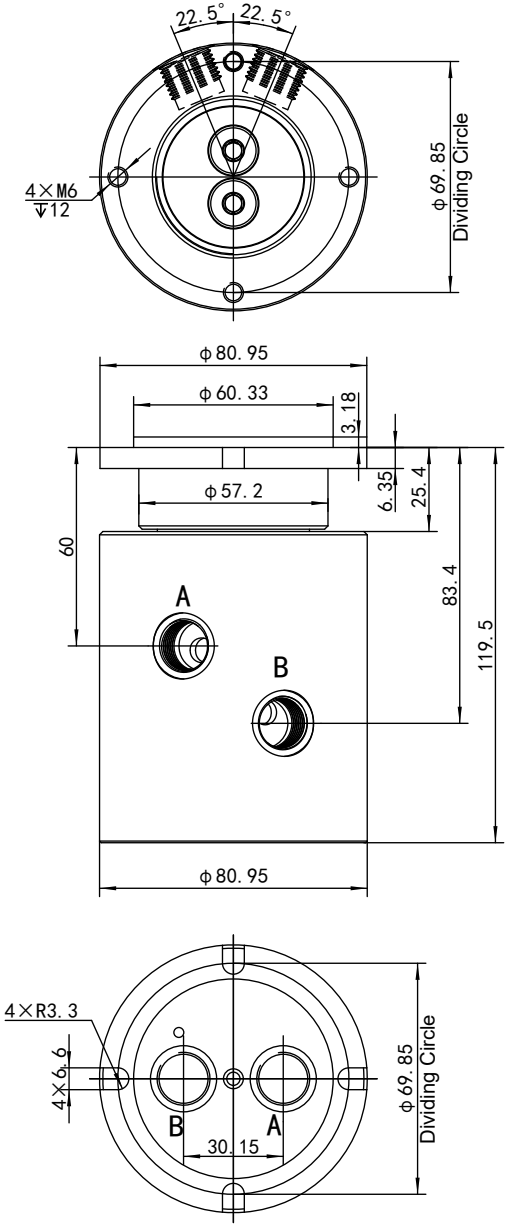


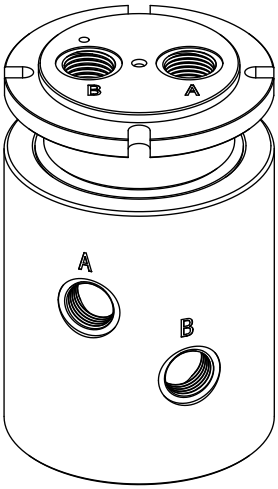
Port



YHZ–2–11

Outline Drawing

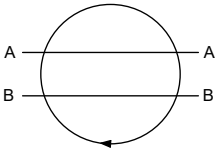




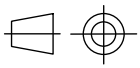
Technical Parameters

Parameter \ Type	YHZ−2−11
Oil Port Thread	3/8-18NPT D=20 L=14
Port Dimensions	ASME B1.20.2M
Max.Flow	40L/min
Max.Pressure	32MPa
Diameter	8mm
NO.of Rotational Channels	2
Starting Torque	≤50N.m
Rotational Torque	≤30N.m
Rotational Speed	≤15r/min
Weight	3.8kg
Operating Temperature	-30～100˚C
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

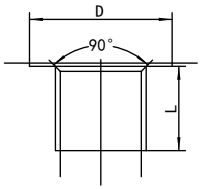
Schematic Diagram



View



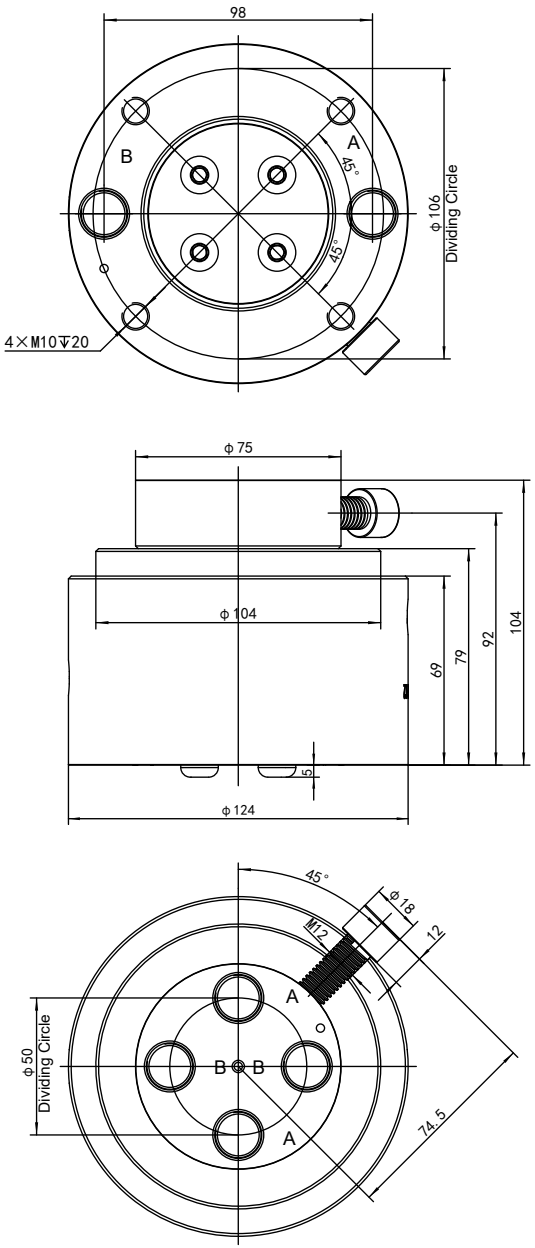
Port

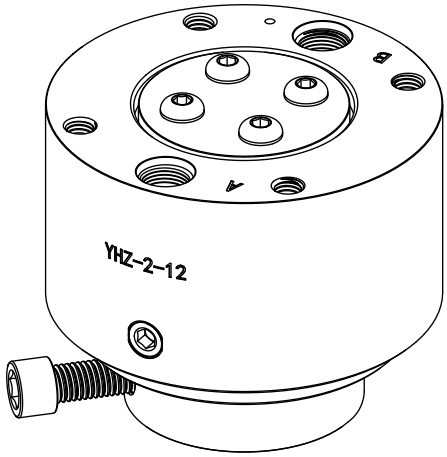


05

YHZ–2–12

Outline Drawing

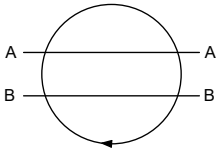




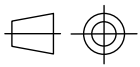
Technical Parameters

Parameter \ Type	YHZ–2–12
Oil Port Thread	G3/8 L=14
Port Dimensions	JIS B 2351
Max.Flow	80L/min
Max.Pressure	35MPa
Diameter	10mm
NO.of Rotational Channels	2
Starting Torque	≤80N.m
Rotational Torque	≤40N.m
Rotational Speed	≤15r/min
Weight	6.8kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

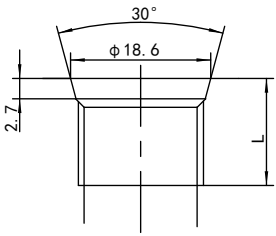
Schematic Diagram



View



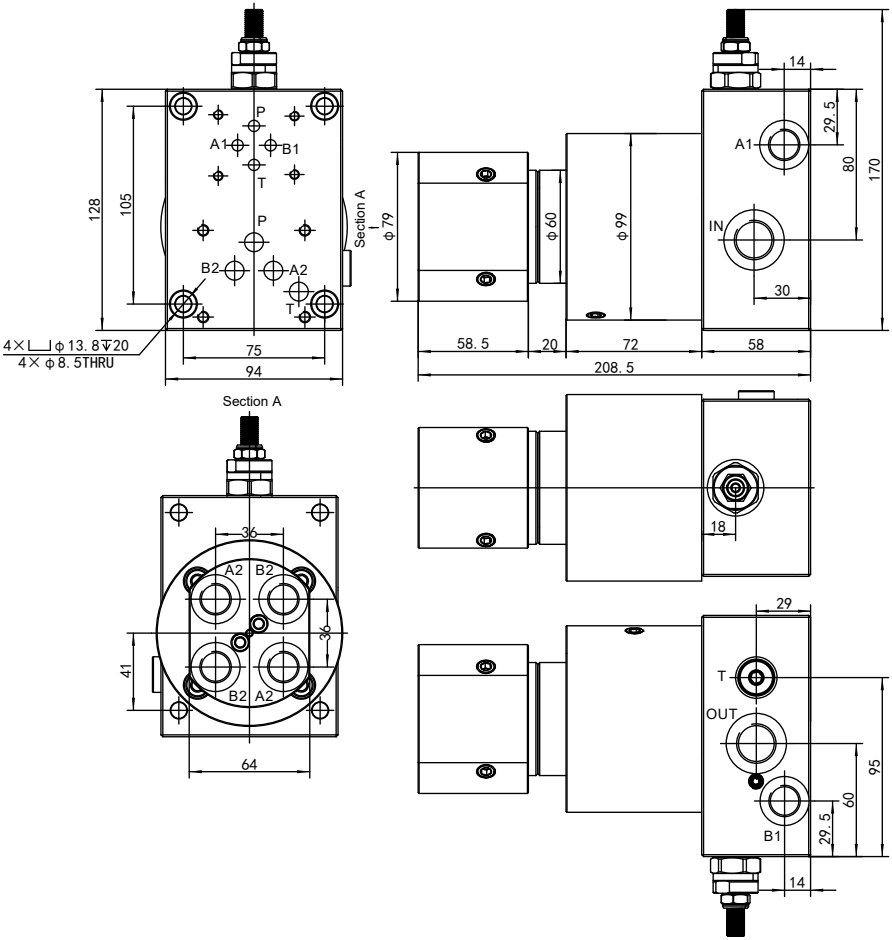
Port



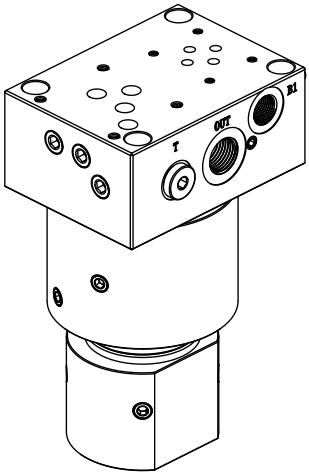
05

YHZ–2–20MB

Outline Drawing



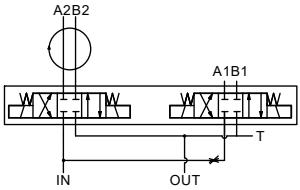
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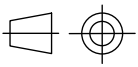
Technical Parameters

Parameter \ Type	YHZ–2–20MB
Oil Port Thread	G1/2 D=32 L=16(IN、OUT)
Port Dimensions	G1/4 D=22 L=13(T)
Oil Port Thread	G3/8 D=26 L=13(A1、A2、B1、B2)
Port Dimensions	ISO 1179-1
Maximum Inlet Flow Rate	70L/min
Max.Pressure	35MPa
NO.of Rotational Channels	2
Starting Torque	≤80N.m
Rotational Torque	≤40N.m
Rotational Speed	≤15r/min
Weight	10.5kg
Operating Temperature	-30～100˚C
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

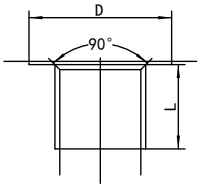
Schematic Diagram



View

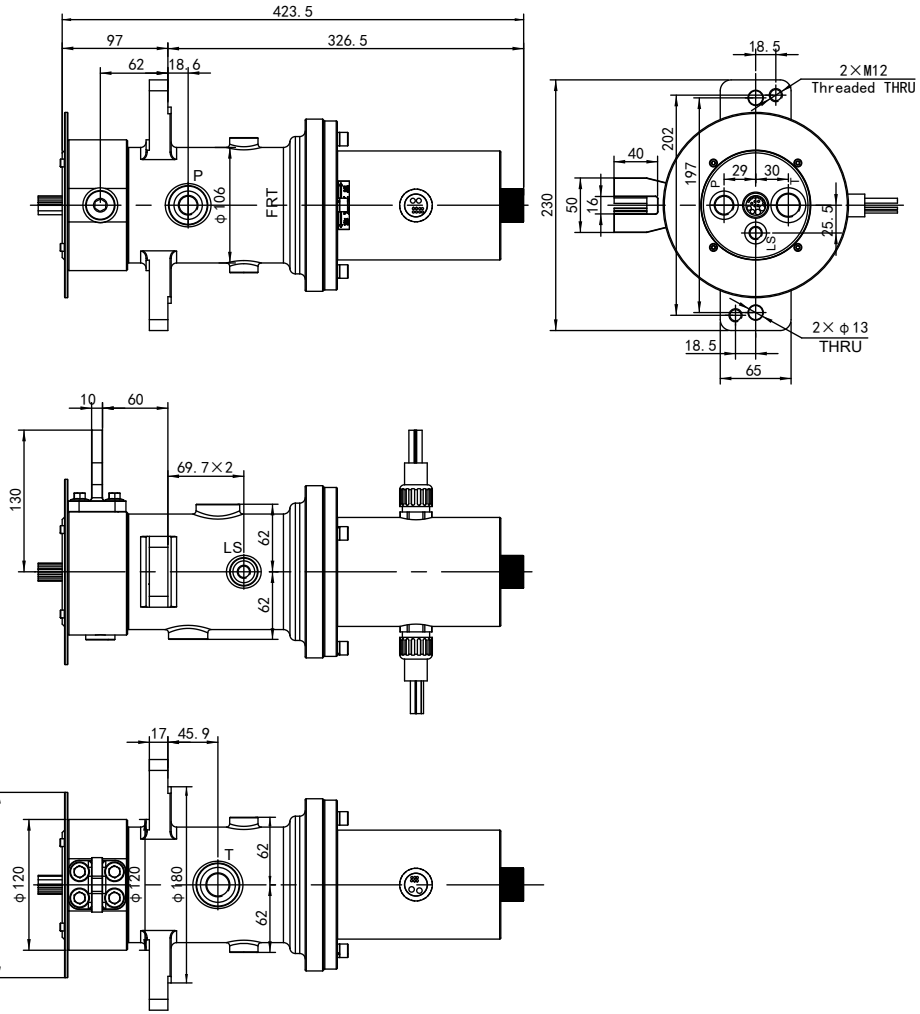


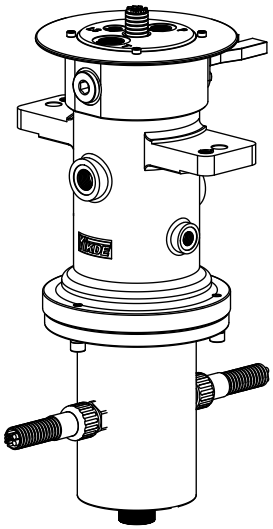
Port



YHZ–3–2SR20

Outline Drawing

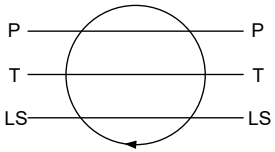




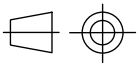
Technical Parameters

Parameter \ Type	YHZ–3–2SR20
Oil Port Thread	M12X1.5 D=20 L=13(LS)
Oil Port Thread	M18X1.5 D=26 L=15(P)
Oil Port Thread	M22X1.5 D=32 L=16(T)
Port Dimensions	ISO 9974-1
Max.Flow	60L/min(P)&100L/min(T)&10L/min(LS)
Max.Pressure	32MPa(P.T)&25MPa(LS)
Diameter	12mm(P)&16mm(T)&5mm(LS)
NO.of Rotational Channels	3
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	21.4kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

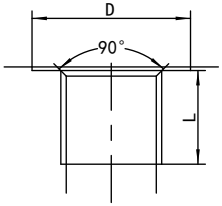
Schematic Diagram



View

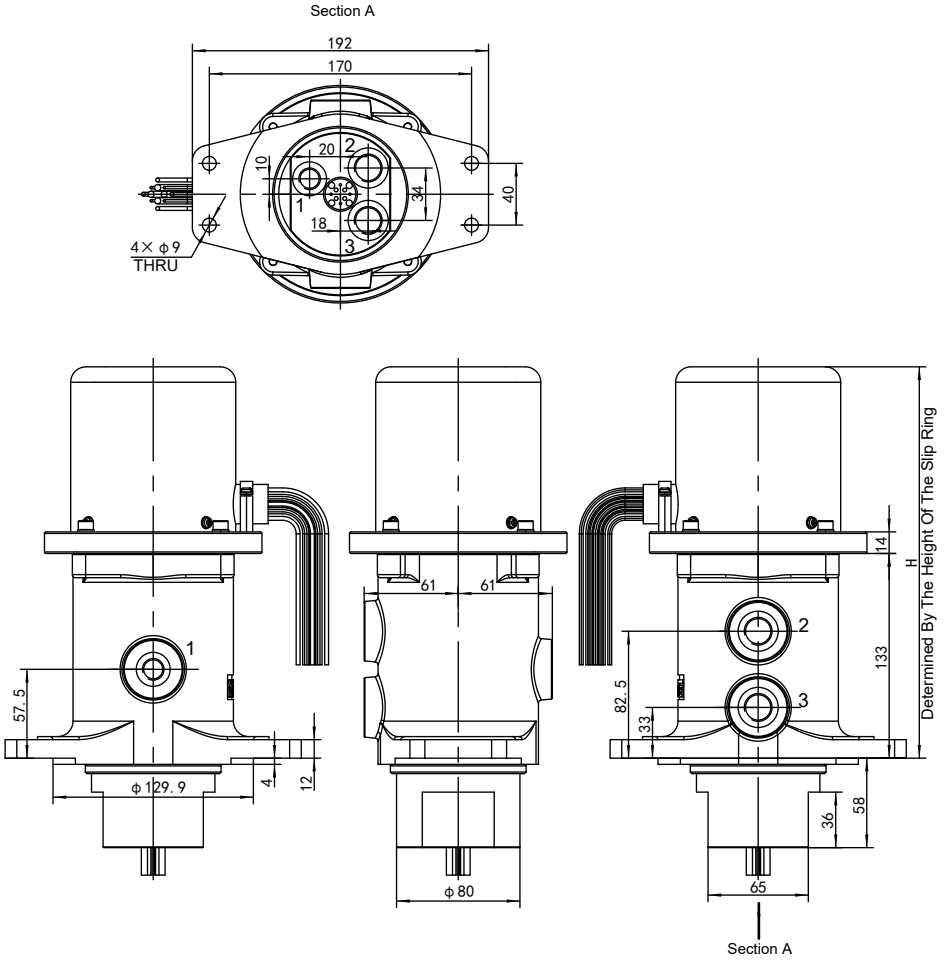


Port



YHZ–3–3SR*

Outline Drawing

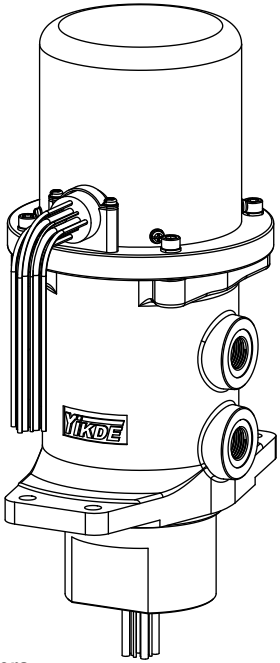


YHZ–3–3SR*

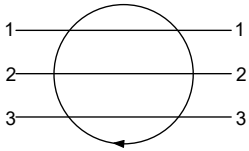
Number Of Slip Ring Channels

ex.：12(12 Channels)

05



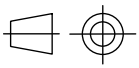
Schematic Diagram



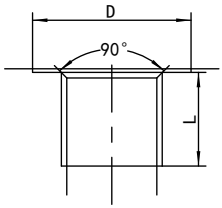
Technical Parameters

Parameter \ Type	YHZ−3−3SR*
Oil Port Thread	M14×1.5 D=22 L=13(1)
Oil Port Thread	M18×1.5 D=26 L=15(2.3)
Port Dimensions	ISO 9974-1
Max.Flow	20L/min(1)&50L/min(2.3)
Max.Pressure	25MPa
Diameter	8mm
NO.of Rotational Channels	3
Starting Torque	≤100N.m
Rotational Torque	≤50N.m
Rotational Speed	≤15r/min
Weight	10.2kg(Don't include Electrical Slip Ring)
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

View

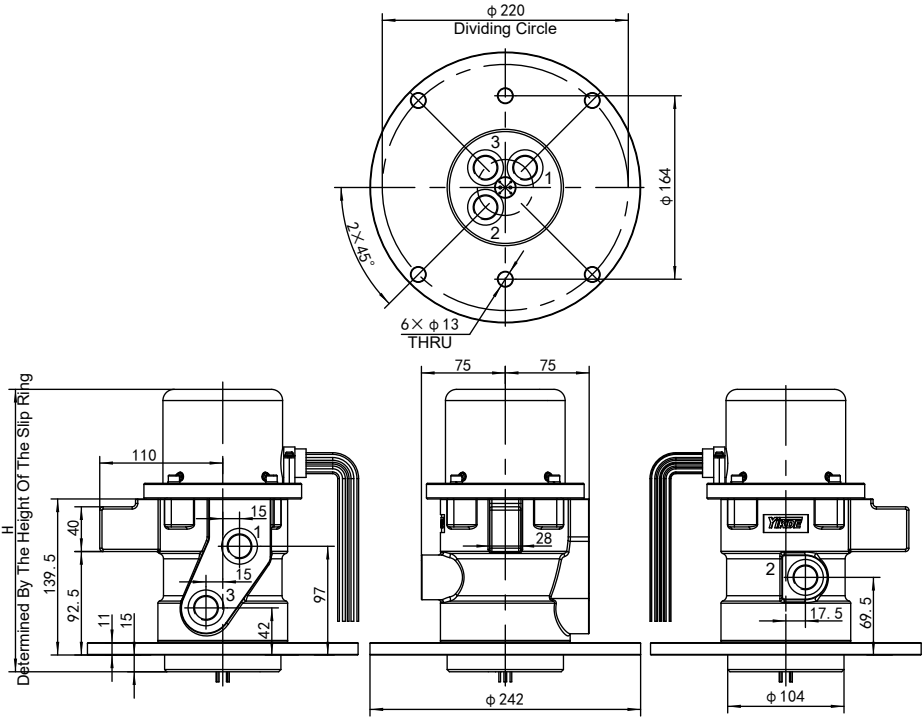


Port



YHZ–3–5SR*

Outline Drawing

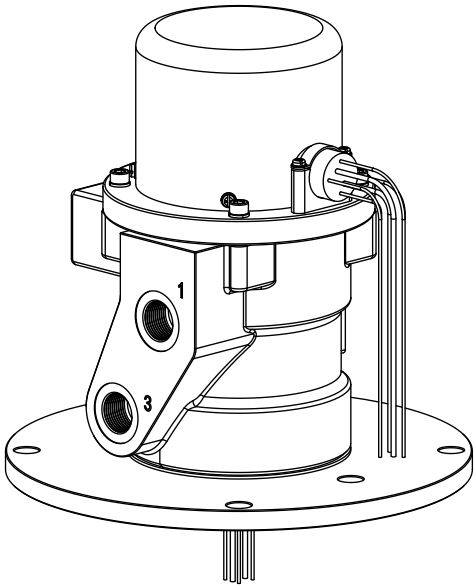


YHZ–3–5SR*

Number Of Slip Ring Channels

ex.：12(12 Channels)

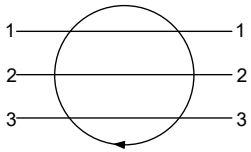
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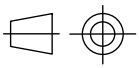
Technical Parameters

Parameter \ Type	YHZ−3−5SR*
Oil Port Thread	M22×1.5 D=32 L=16
Port Dimensions	ISO 9974-1
Max.Flow	80L/min
Max.Pressure	25MPa
Diameter	12mm
NO.of Rotational Channels	3
Starting Torque	≤100N.m
Rotational Torque	≤50N.m
Rotational Speed	≤15r/min
Weight	14.7kg(Don't include Electrical Slip Ring)
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

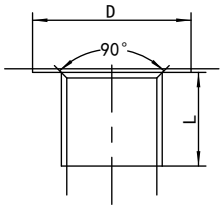
Schematic Diagram



View

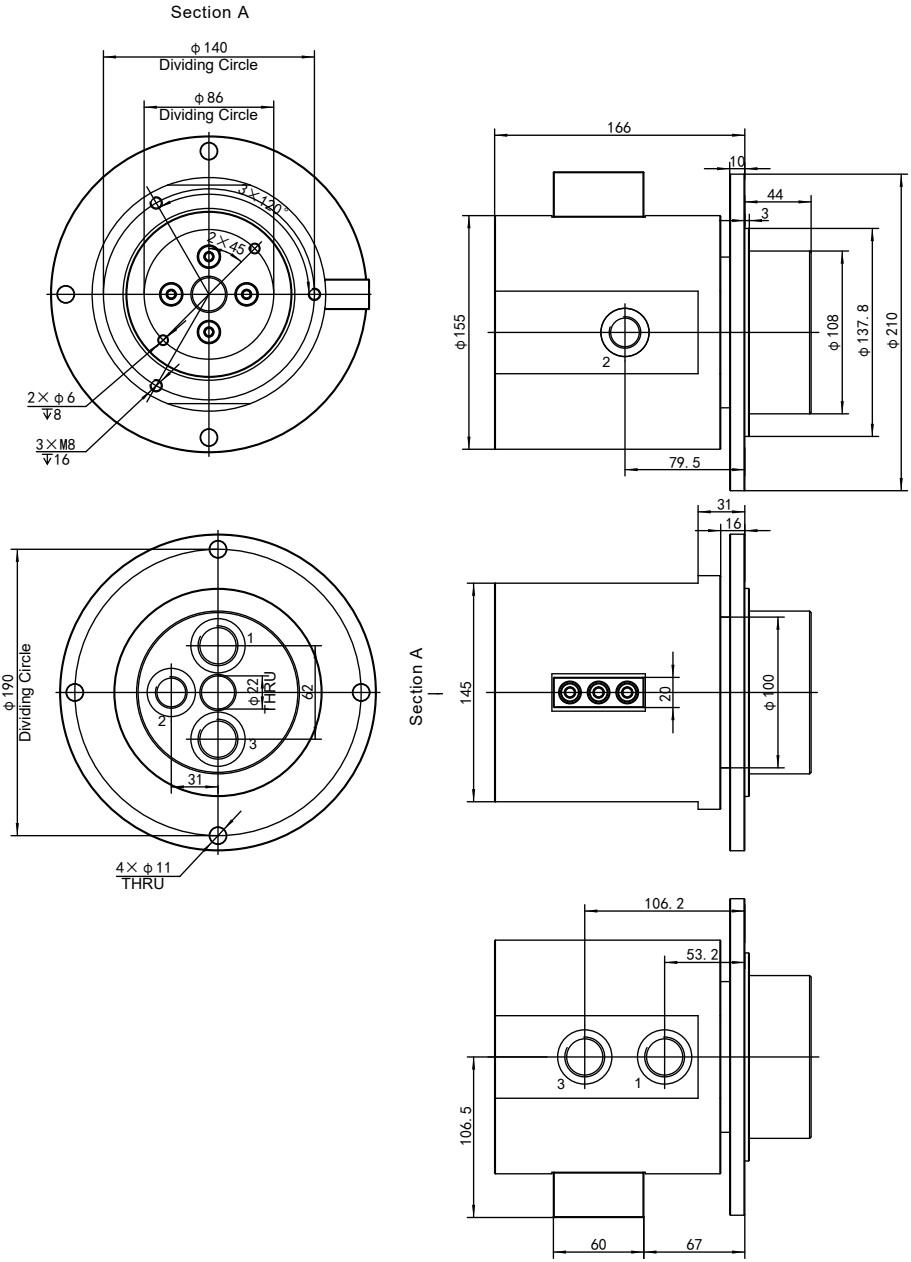


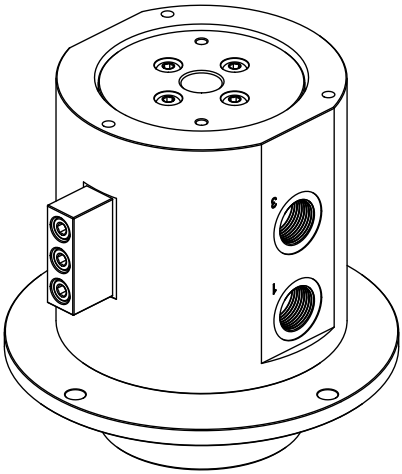
Port



YHZ–3–10

Outline Drawing

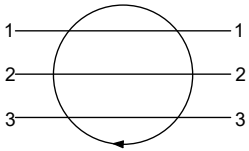




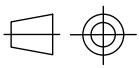
Technical Parameters

Parameter \ Type	YHZ−3−10
Oil Port Thread	G3/4 D=36 L=18(1.3)
Oil Port Thread	G1/2 D=32 L=16(2)
Port Dimensions	ISO 1179-1
Max.Flow	120L/min(1.3)&60L/min(2)
Max.Pressure	30MPa
Diameter	14mm(1.3)&10mm(2)
NO.of Rotational Channels	3
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	24.6kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

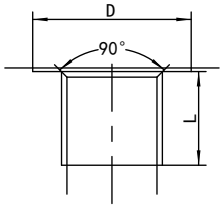
Schematic Diagram



View



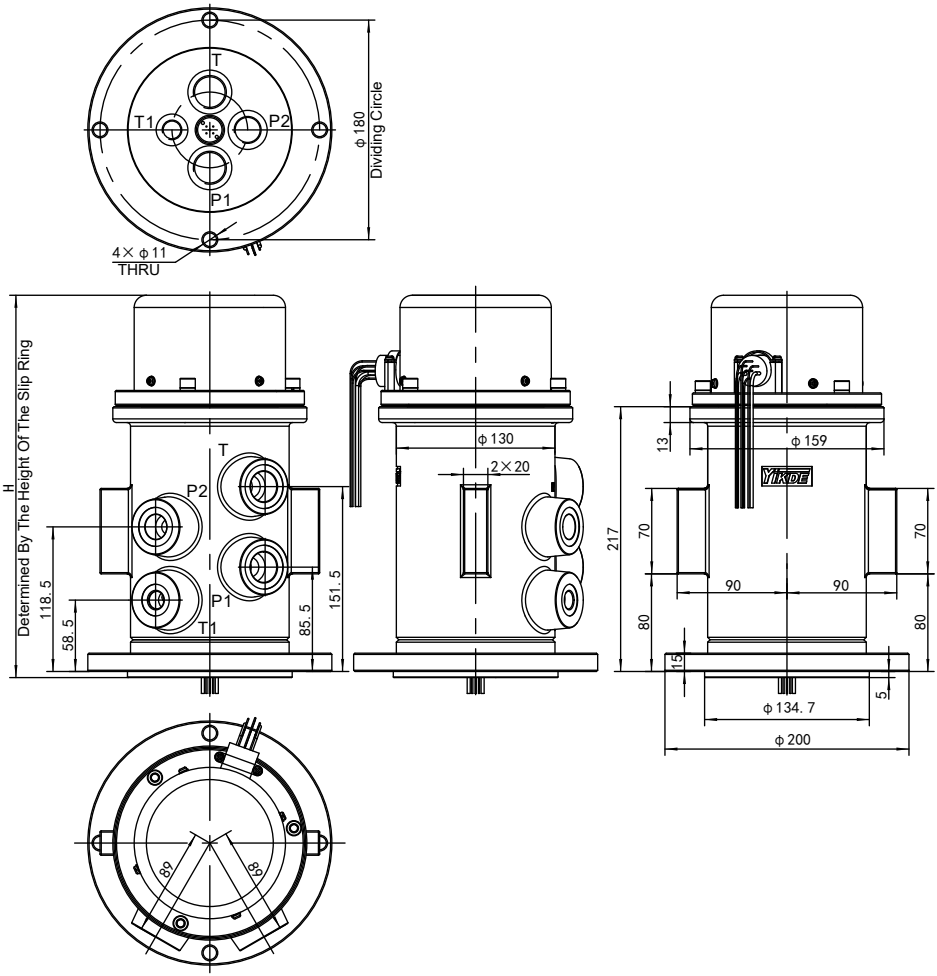
Port



05

YHZ–4–1SR*

Outline Drawing

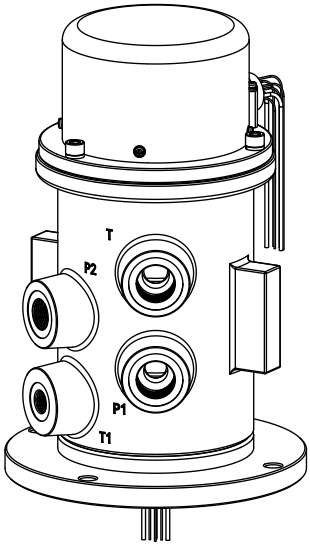


YHZ–4–1SR*

Number Of Slip Ring Channels

ex.：12(12 Channels)

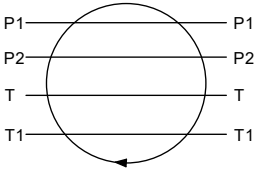
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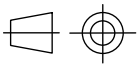
Technical Parameters

Parameter \ Type	YHZ−4−1SR*
Oil Port Thread	M27×2 D=36 L=18(P1.T)
	M22×1.5 D=32 L=16(P2)
	M16×1.5 D=26 L=15(T1)
Port Dimensions	ISO 9974-1
Max.Flow	120L/min(P1.T)&60L/min(P2)&40L/min(T1)
Max.Pressure	32MPa(P1.P2)&5MPa(T.T1)
Diameter	16mm(P1)&12mm(P2)&18mm(T)&8mm(T1)
NO.of Rotational Channels	4
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	23.8kg(Don't include Electrical Slip Ring)
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

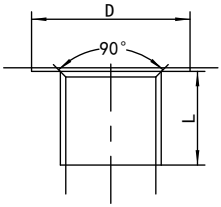
Schematic Diagram



View

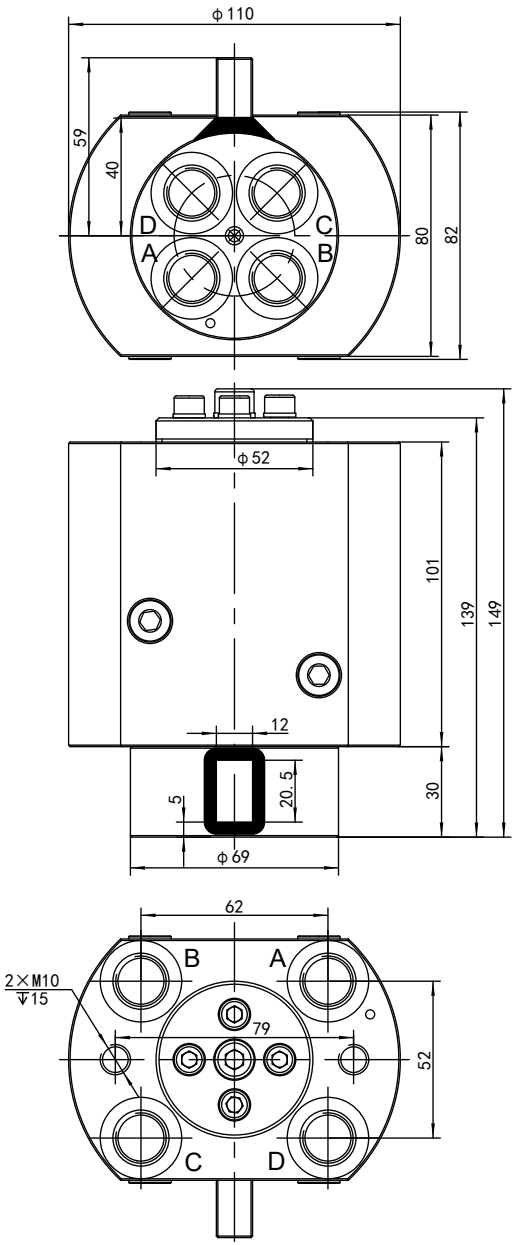


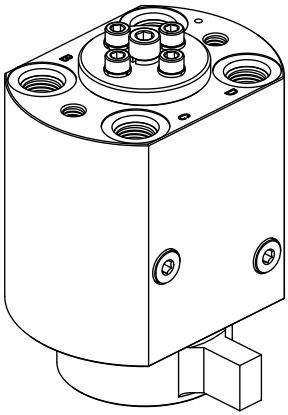
Port

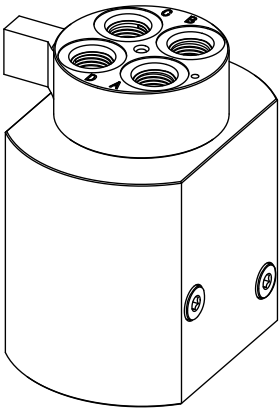


YHZ–4–2

Outline Drawing



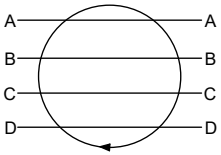




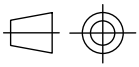
Technical Parameters

Parameter \ Type	YHZ–4–2
Oil Port Thread	G3/8 D=26 L=14
Port Dimensions	JIS B 2351
Max.Flow	40L/min
Max.Pressure	25MPa
Diameter	8mm
NO.of Rotational Channels	4
Starting Torque	≤100N.m
Rotational Torque	≤50N.m
Rotational Speed	≤15r/min
Weight	6.1kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

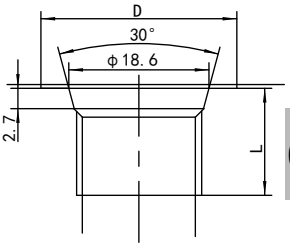
Schematic Diagram



View

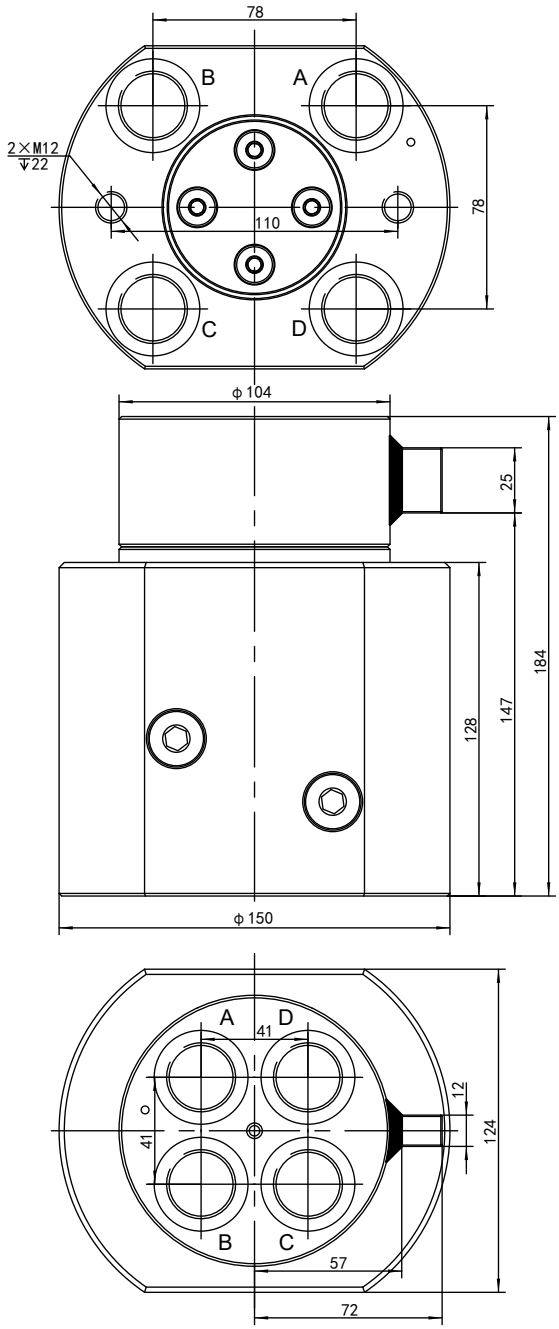


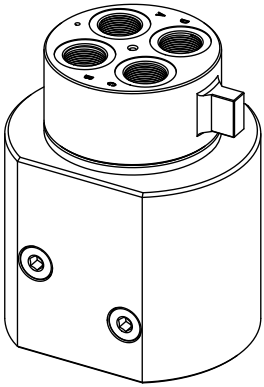
Port

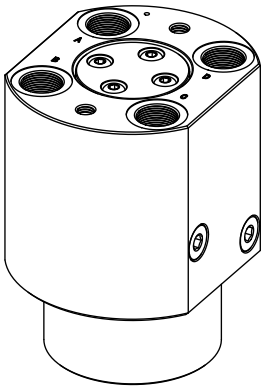


YHZ–4–3

Outline Drawing



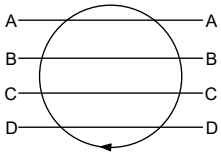




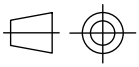
Technical Parameters

Parameter \ Type	YHZ–4–3
Oil Port Thread	G3/4 D=36 L=18
Port Dimensions	ISO 1179-1
Max.Flow	120L/min
Max.Pressure	25MPa
Diameter	14mm
NO.of Rotational Channels	4
Starting Torque	≤100N.m
Rotational Torque	≤50N.m
Rotational Speed	≤15r/min
Weight	16.2kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

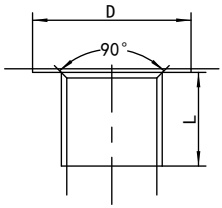
Schematic Diagram



View



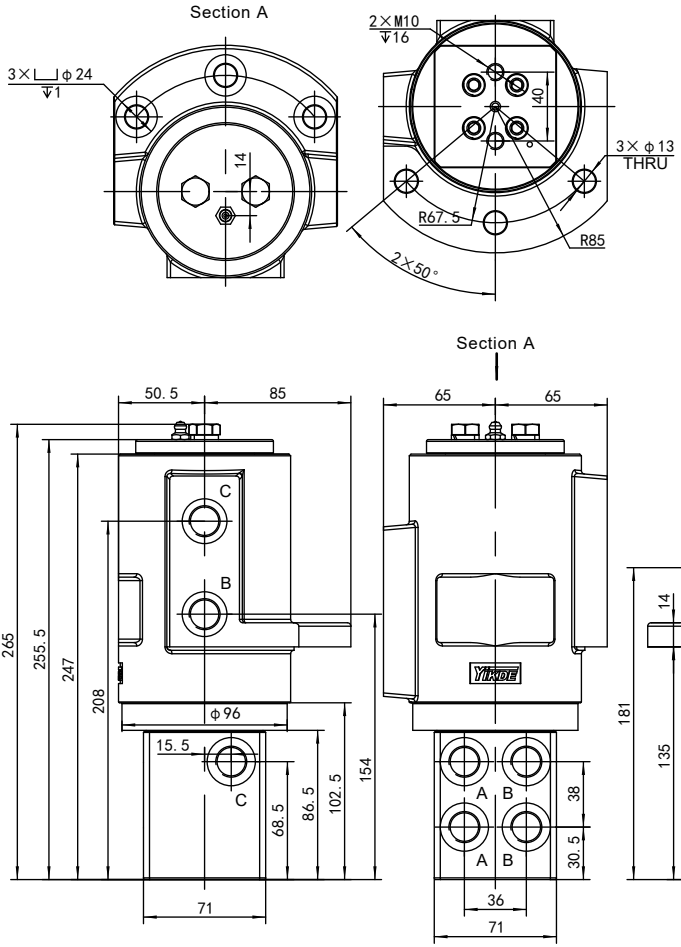
Port



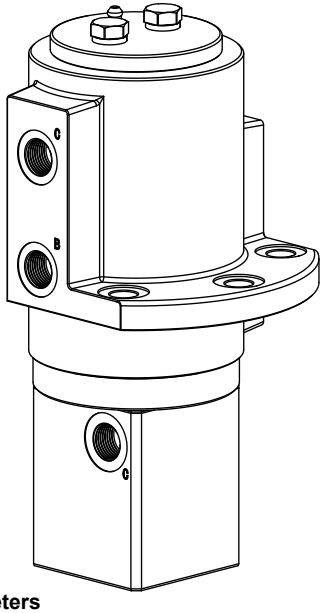
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YHZ–4–4

Outline Drawing



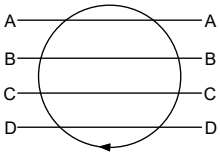
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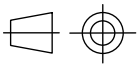
Technical Parameters

Parameter \ Type	YHZ−4−4
Oil Port Thread	M18×1.5 D=26 L=15
Port Dimensions	ISO 9974-1
Max.Flow	40L/min
Max.Pressure	25MPa
Diameter	8mm
NO.of Rotational Channels	4
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	13kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

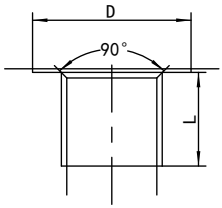
Schematic Diagram



View

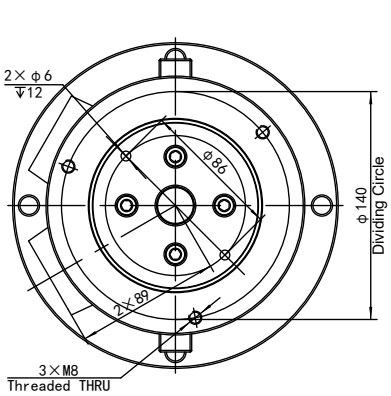


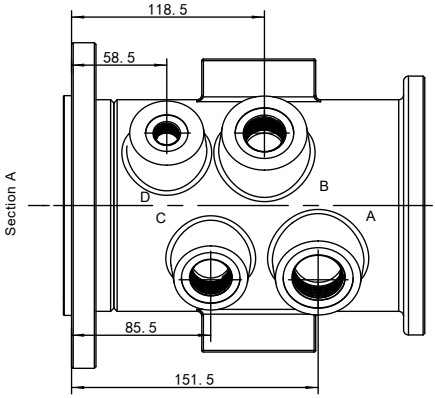
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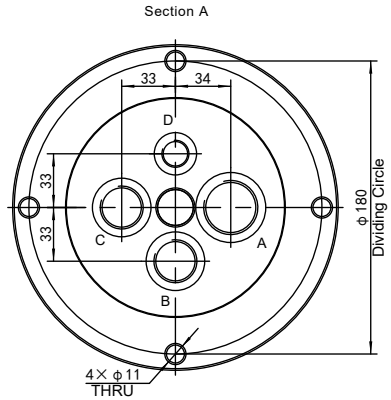


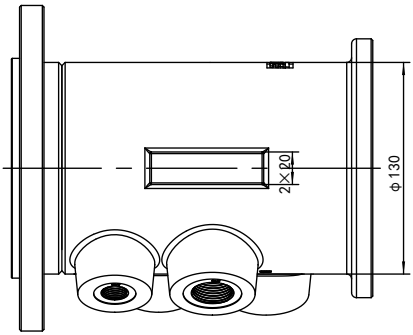
YHZ–4–5

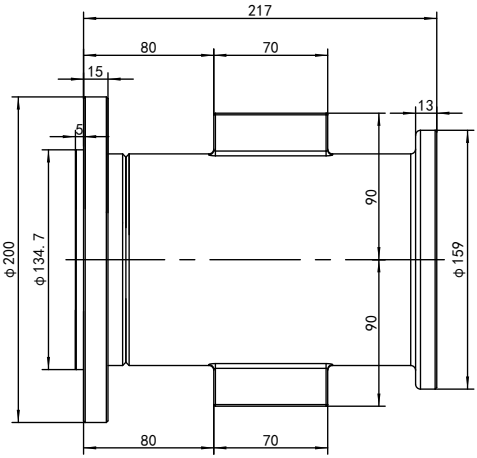
Outline Drawing



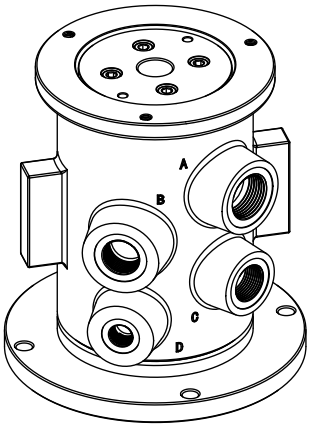








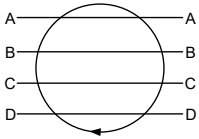
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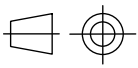
Technical Parameters

Parameter \ Type	YHZ–4–5
Oil Port Thread	G1 D=43 L=18(A)
Oil Port Thread	G3/4 D=36 L=16(B.C)
Oil Port Thread	G3/8 D=26 L=10(D)
Port Dimensions	ISO 1179-1
Max.Flow	150L/min(A)&120L/min(B.C)&40L/min(D)
Max.Pressure	32MPa
Diameter	18mm(A)&16mm(B.C)&10mm(D)
NO.of Rotational Channels	4
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	23kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

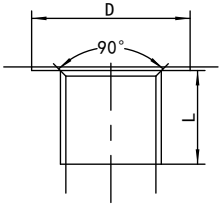
Schematic Diagram



View

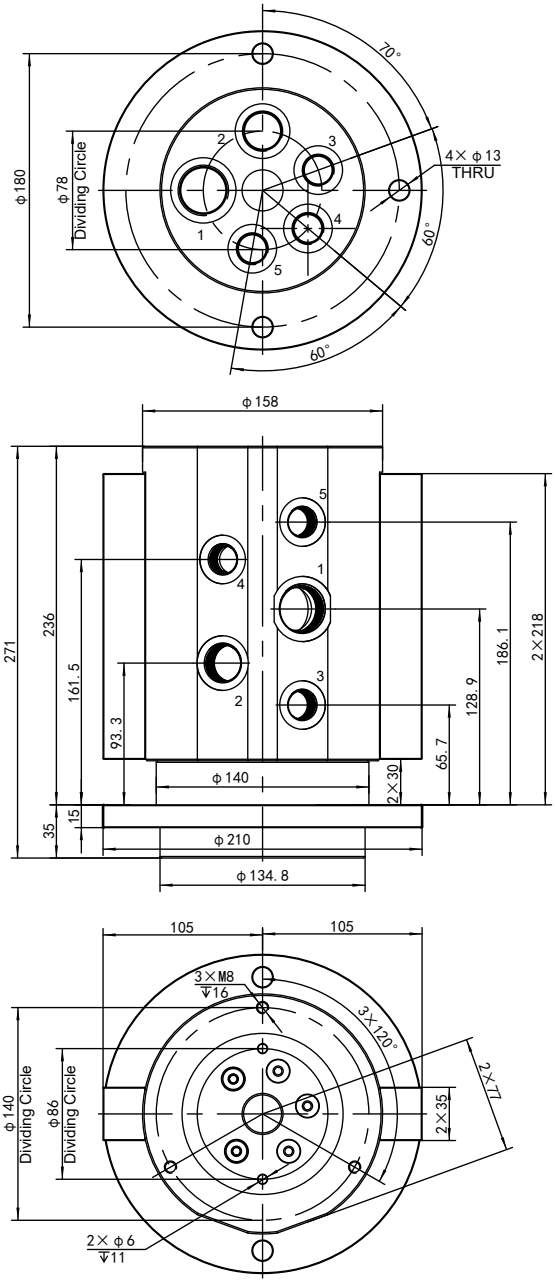


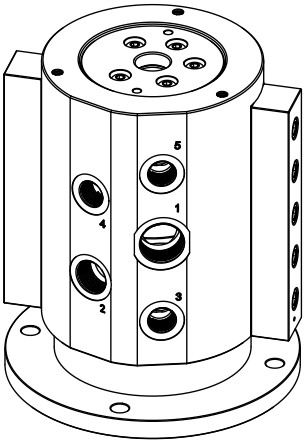
Port



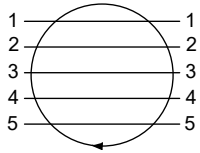
YHZ–5–2

Outline Drawing

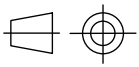




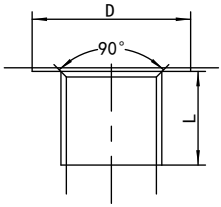
Schematic Diagram



View



Port

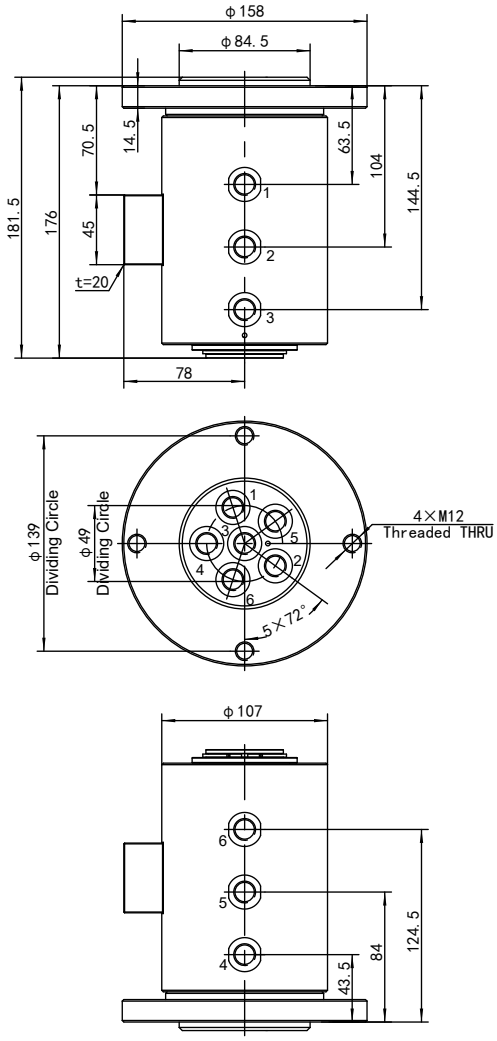


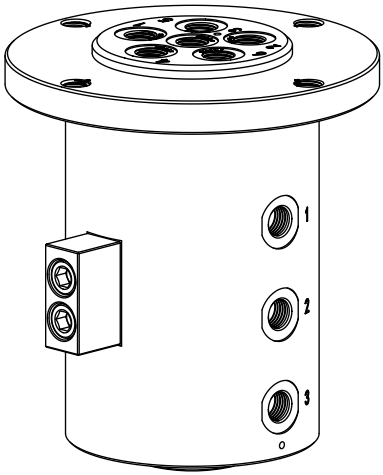
Technical Parameters

Parameter \ Type	YHZ−5−2
Oil Port Thread	G1 D=43 L=20(1)
Oil Port Thread	G3/4 D=36 L=18(2)
Oil Port Thread	G1/2 D=26 L=16(3.4.5)
Port Dimensions	ISO 1179-1
Max.Flow	220L/min(1)&120L/min(2)&100L/min(3.4.5)
Max.Pressure	39MPa
Diameter	20mm(1)&15mm(2)&12mm(3.4.5)
NO.of Rotational Channels	5
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	36.5kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

YHZ–6–1N

Outline Drawing

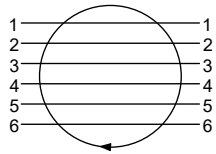




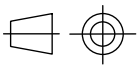
Technical Parameters

Parameter \ Type	YHZ−6-1N
Oil Port Thread	M14×1.5 D=22 L=13
Port Dimensions	ISO 9974-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	6
Starting Torque	≤100N.m
Rotational Torque	≤50N.m
Rotational Speed	≤15r/min
Weight	12.3kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

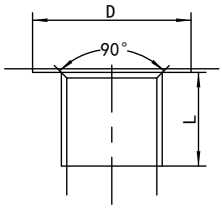
Schematic Diagram



View

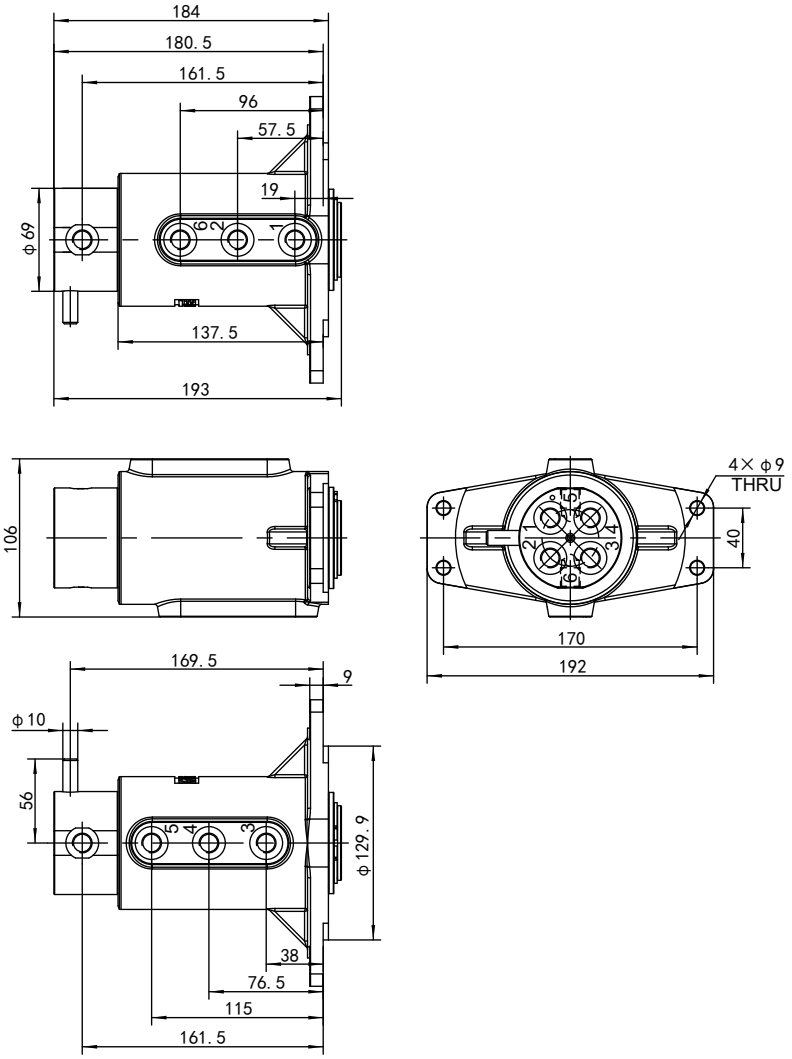


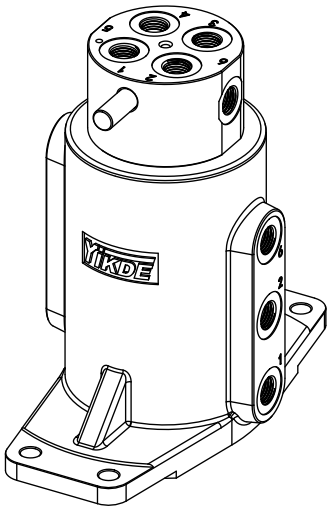
Port



YHZ–6–3A

Outline Drawing

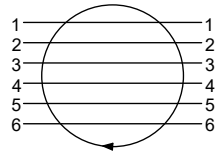




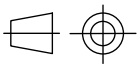
Technical Parameters

Parameter \ Type	YHZ–6-3A
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	6
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	8kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

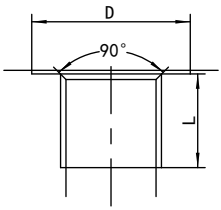
Schematic Diagram



View

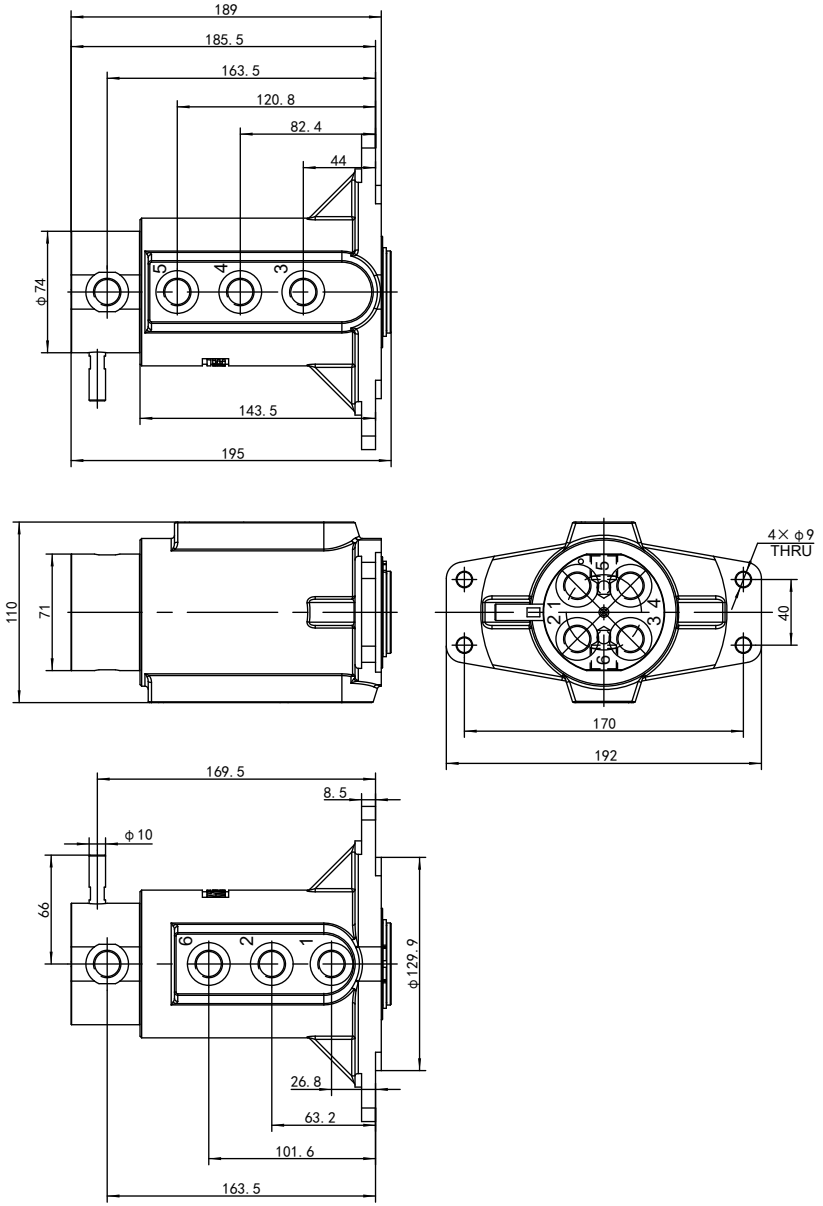


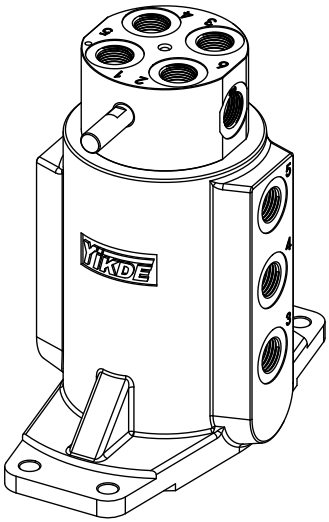
Port



YHZ–6–4N

Outline Drawing

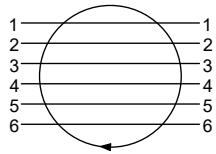




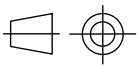
Technical Parameters

Parameter \ Type	YHZ–6-4N
Oil Port Thread	G3/8 D=26 L=13
Port Dimensions	ISO 1179-1
Max.Flow	45L/min
Max.Pressure	25MPa
Diameter	8mm
NO.of Rotational Channels	6
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	8.8kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

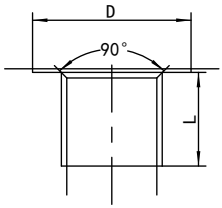
Schematic Diagram



View

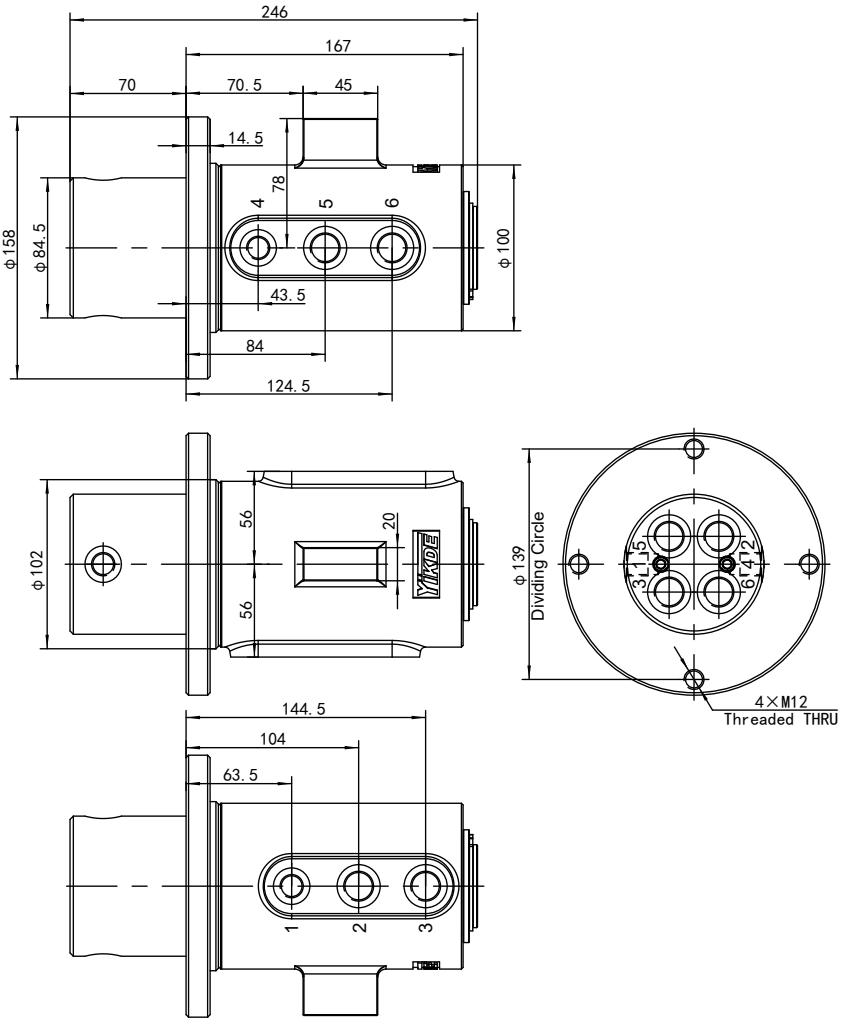


Port

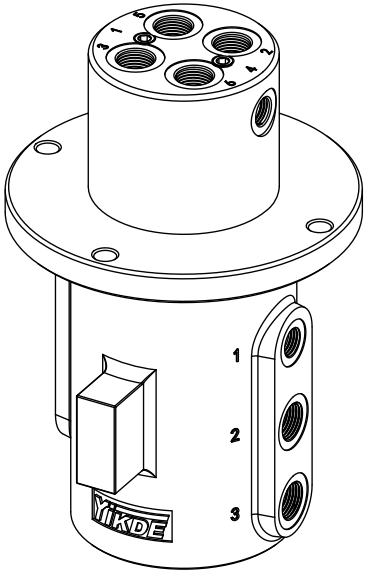


YHZ–6–10

Outline Drawing



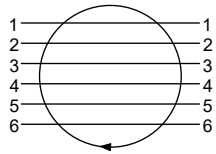
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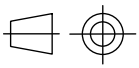
Technical Parameters

Parameter \ Type	YHZ−6-10
Oil Port Thread	M14×1.5 D=22 L=13(1.4)
	M18×1.5 D=26 L=14(2.3.5.6)
Port Dimensions	ISO 9974-1
Max.Flow	25L/min(1.4)&40L/min(2.3.5.6)
Max.Pressure	25MPa
Diameter	6mm(1.4)&8mm(2.3.5.6)
NO.of Rotational Channels	6
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	13kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

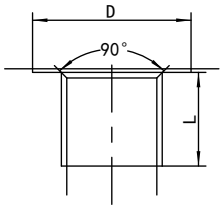
Schematic Diagram



View

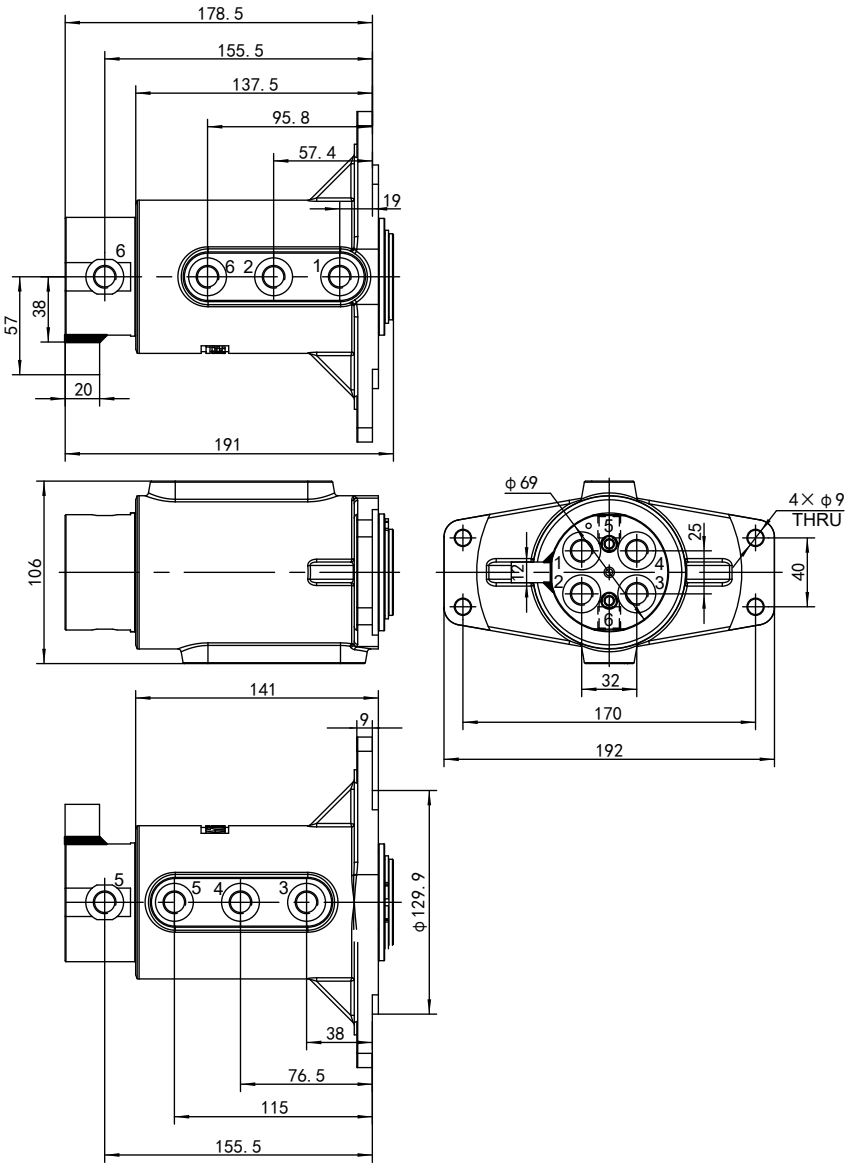


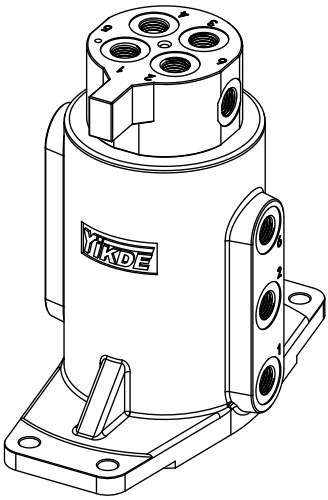
Port



YHZ–6–12A

Outline Drawing

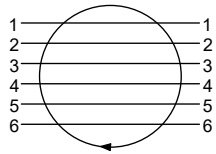




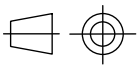
Technical Parameters

Parameter \ Type	YHZ–6-12A
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	6
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	8.1kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

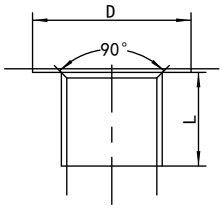
Schematic Diagram



View



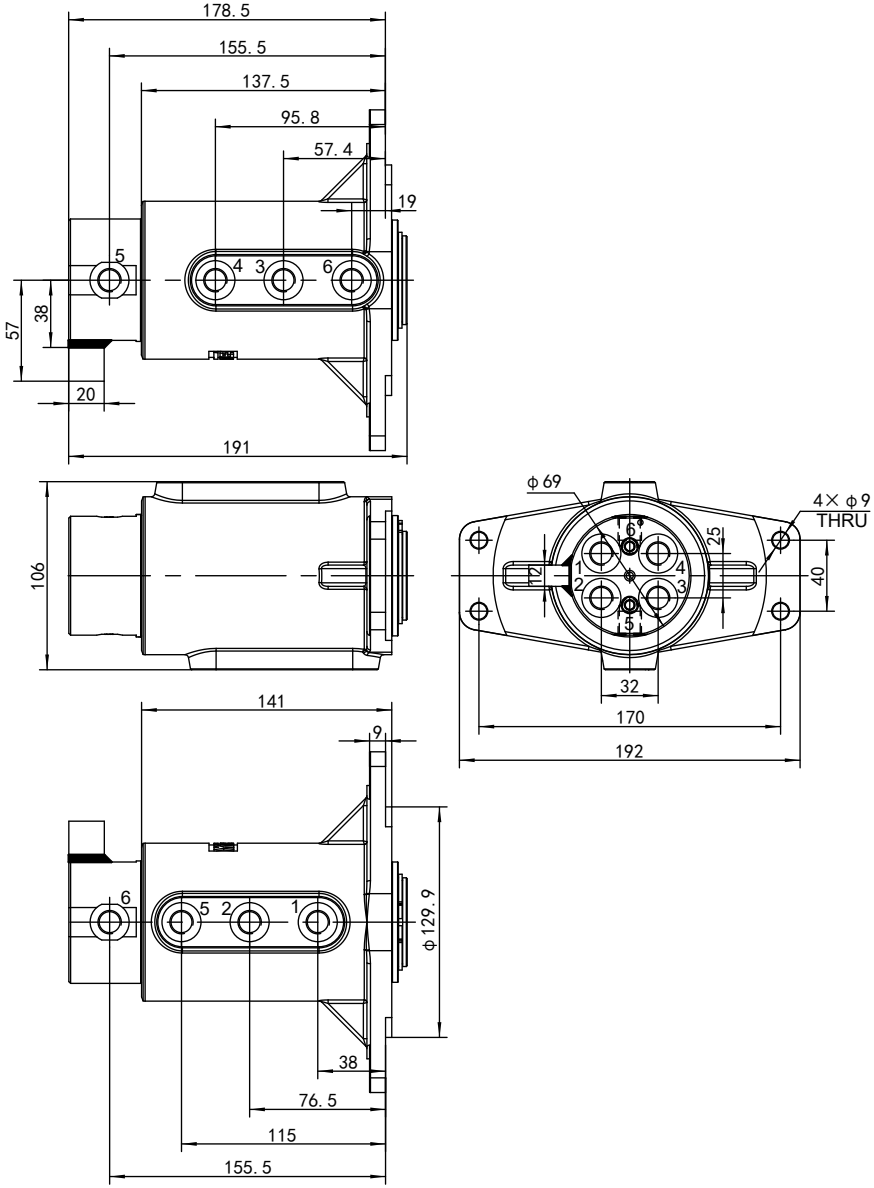
Port

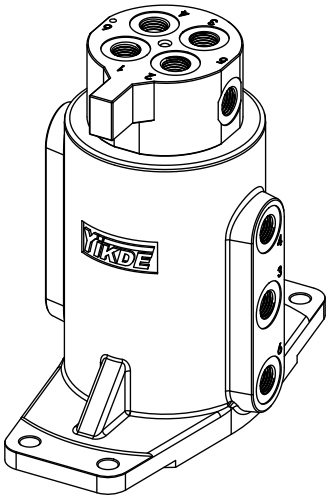


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YHZ–6–14A

Outline Drawing

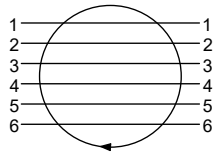




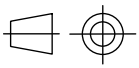
Technical Parameters

Parameter \ Type	YHZ−6-14A
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	6
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	8.1kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

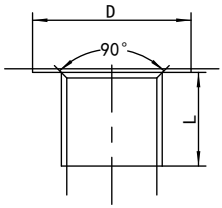
Schematic Diagram



View

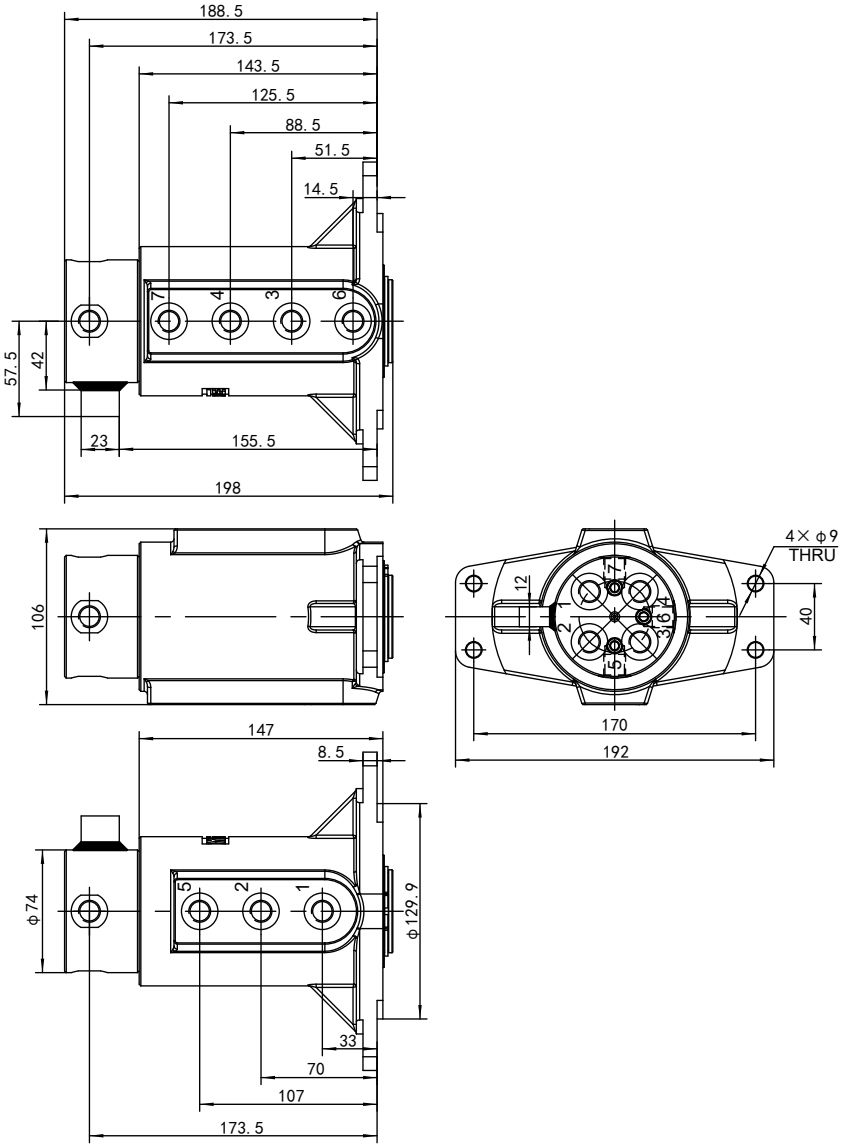


Port

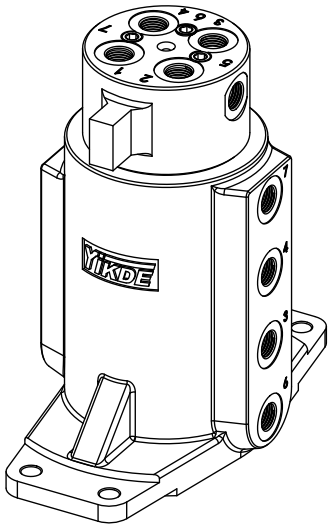


YHZ–7–1A

Outline Drawing



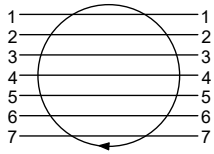
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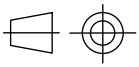
Technical Parameters

Parameter \ Type	YHZ–7-1A
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	7
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	9kg
Operating Temperature	-30～100˚C
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

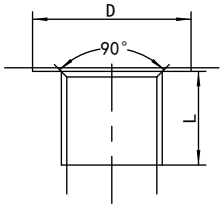
Schematic Diagram



View



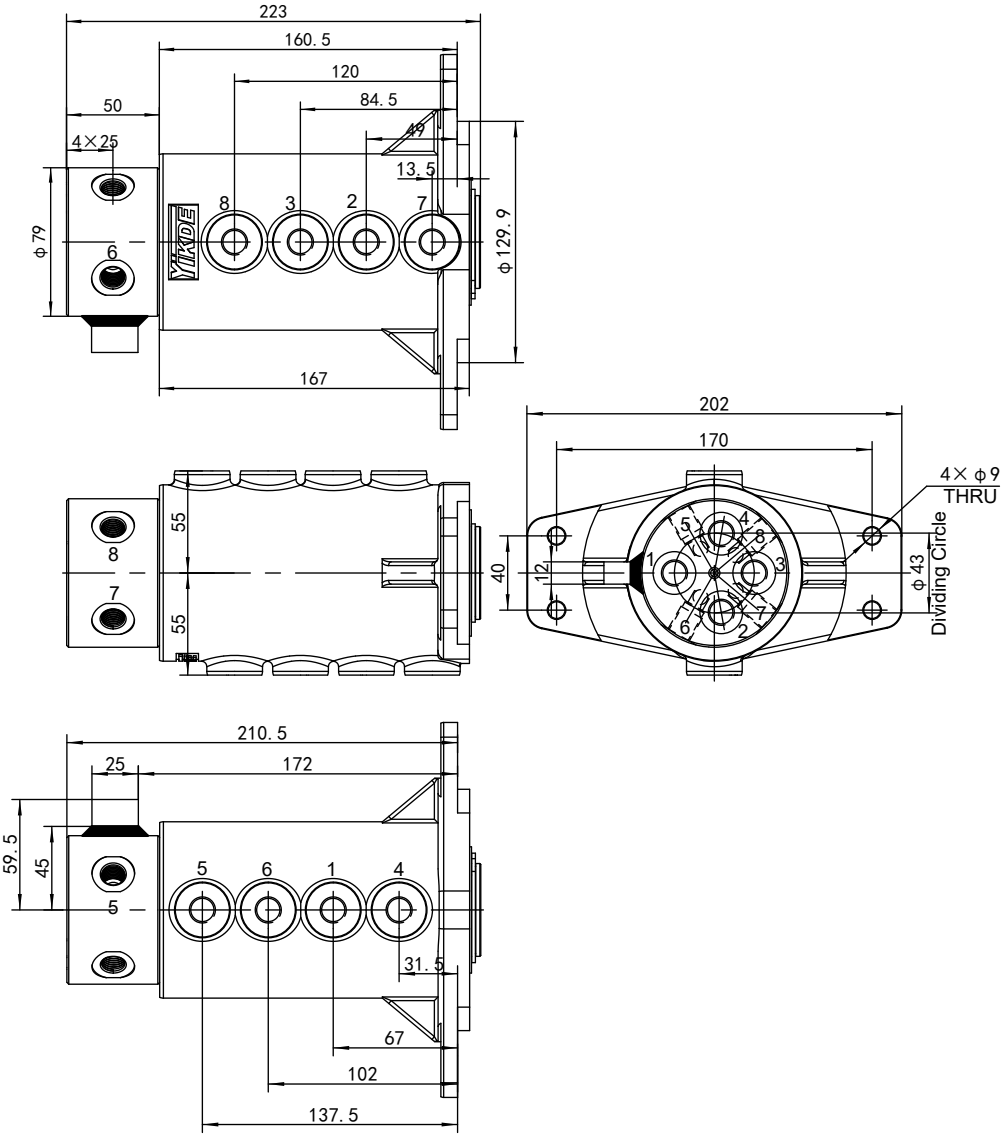
Port

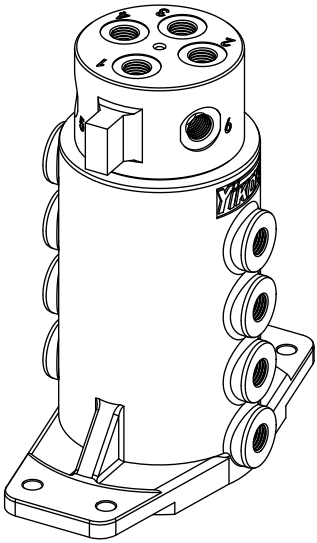


05

YHZ–8–1B

Outline Drawing

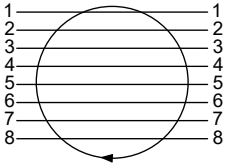




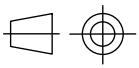
Technical Parameters

Parameter \ Type	YHZ−8-1B
Oil Port Thread	M14×1.5 D=22 L=13
Port Dimensions	ISO 9974-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	8
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	10.4kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

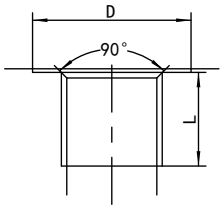
Schematic Diagram



View

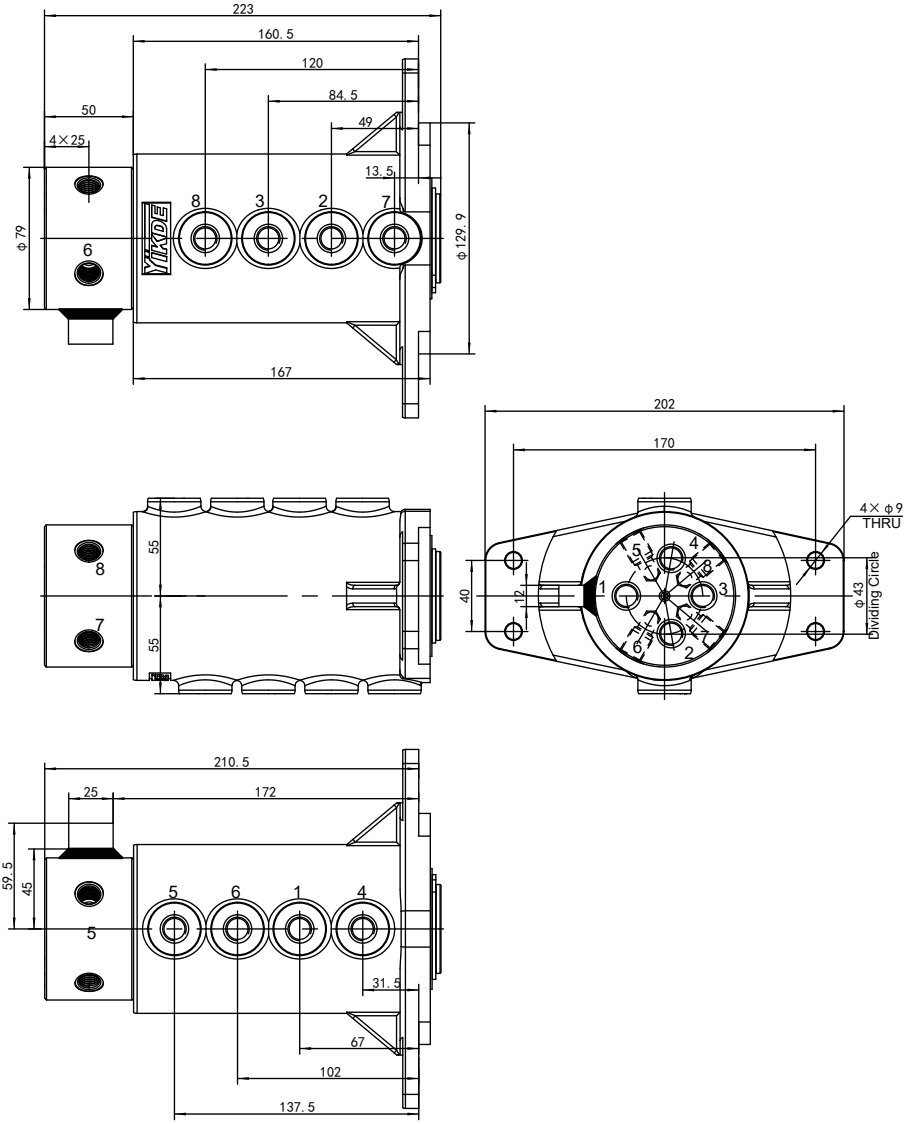


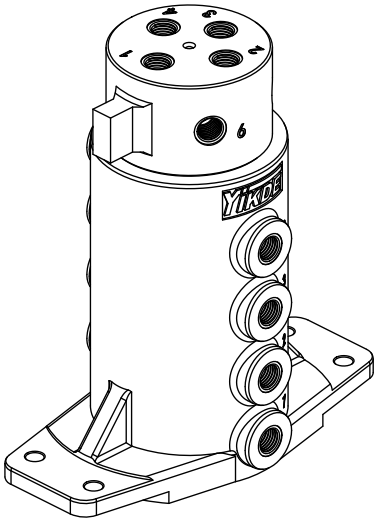
Port



YHZ–8–1R

Outline Drawing

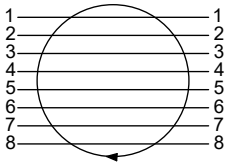




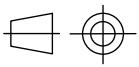
Technical Parameters

Parameter \ Type	YHZ–8-1R
Oil Port Thread	Rc1/4 L=15
Port Dimensions	ISO 7-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	8
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	10.4kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

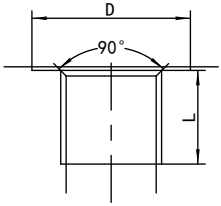
Schematic Diagram



View

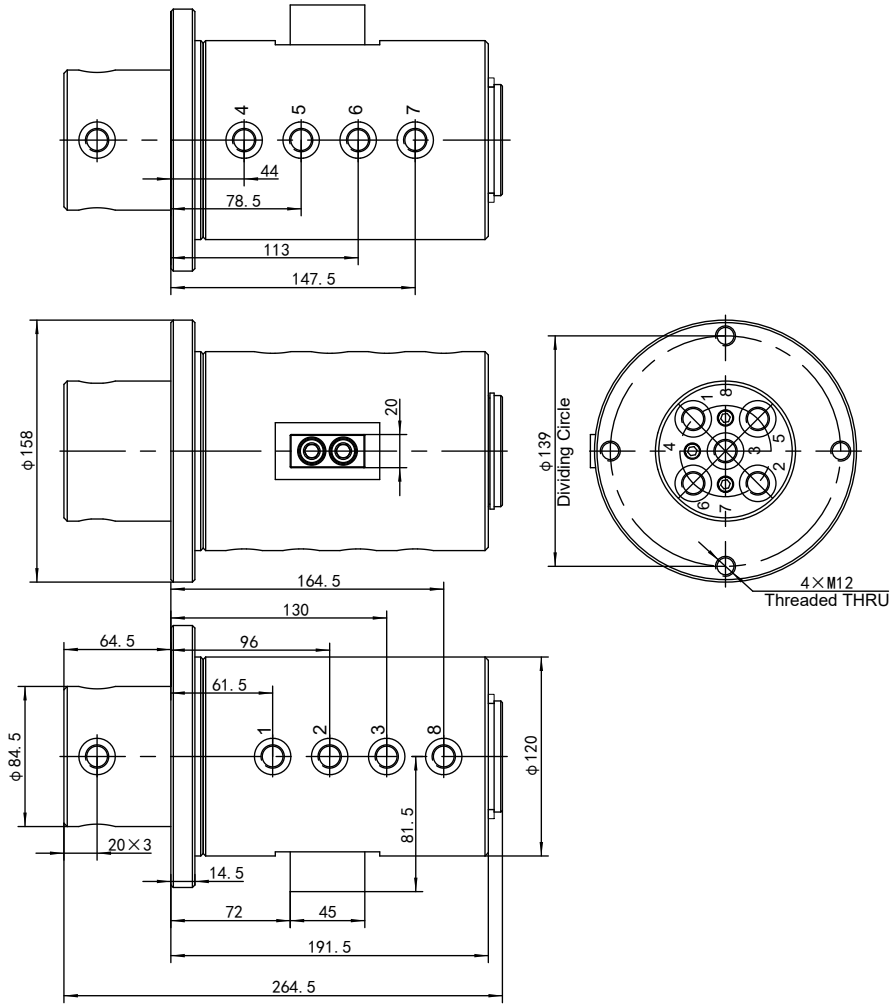


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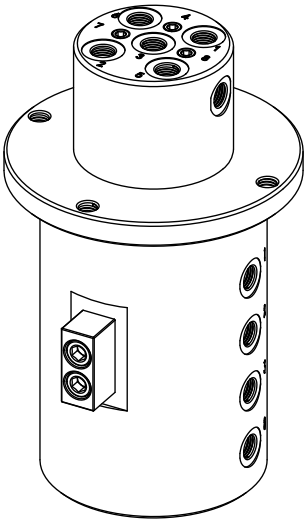


YHZ–8–4

Outline Drawing



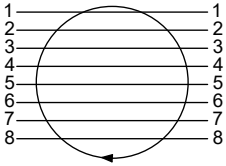
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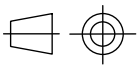
Technical Parameters

Parameter \ Type	YHZ−8-4
Oil Port Thread	M14×1.5 D=22 L=13
Port Dimensions	ISO 9974-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	8
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	18.4kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

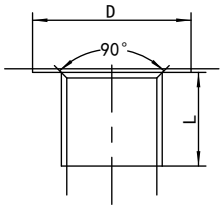
Schematic Diagram



View



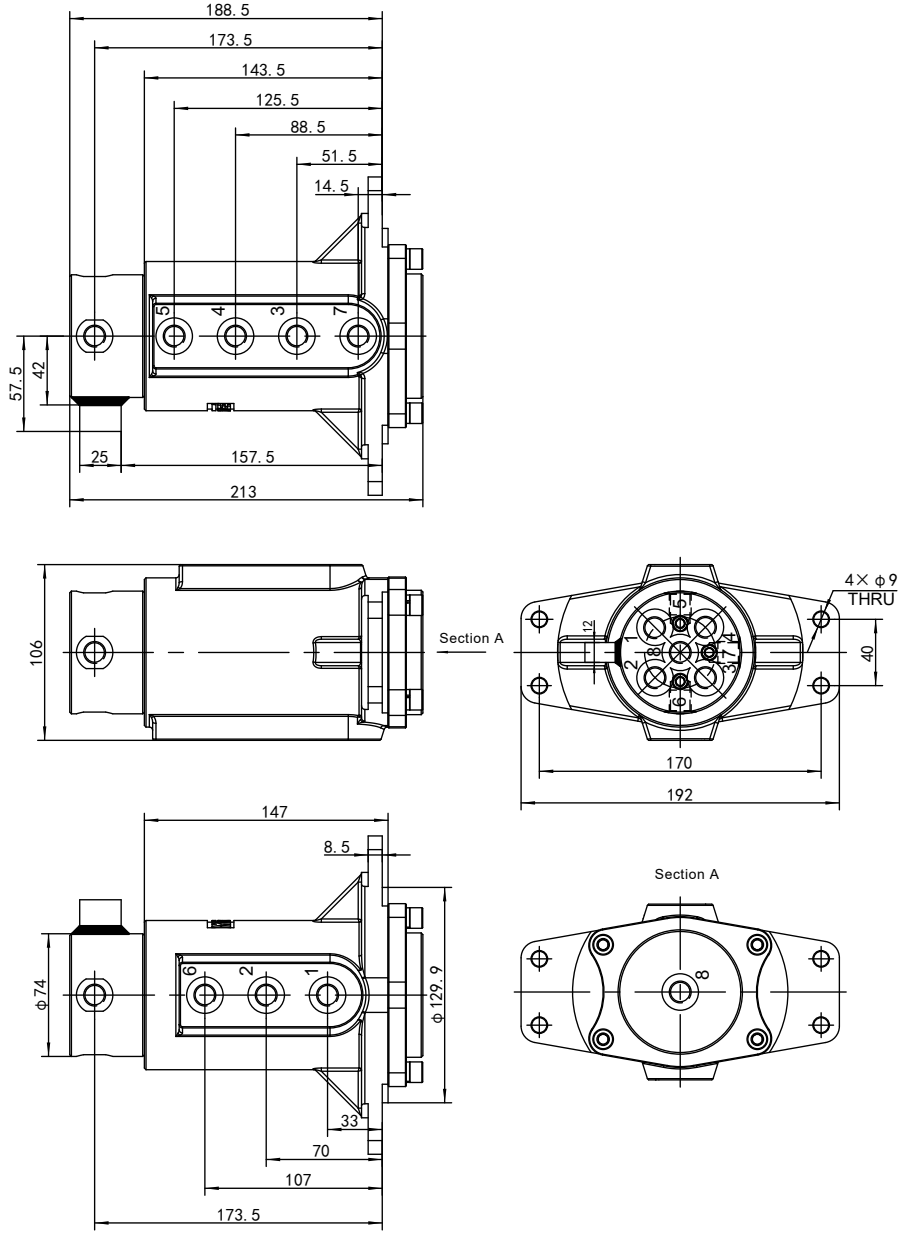
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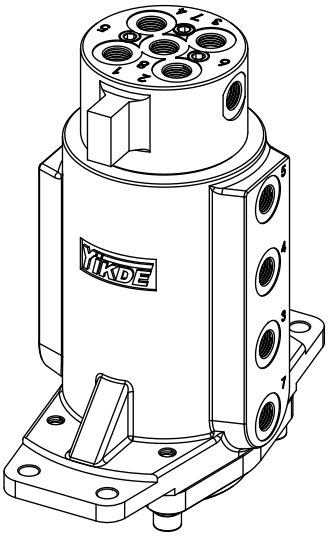


05

YHZ–8–5

Outline Drawing

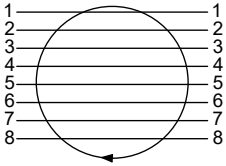




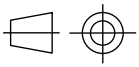
Technical Parameters

Parameter \ Type	YHZ−8-5
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max.Flow	25L/min
Max.Pressure	25MPa(1～7)&0.3MPa(8)
Diameter	6mm
NO.of Rotational Channels	8
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	9.7kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

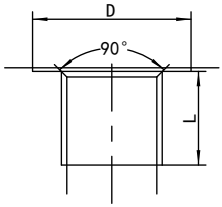
Schematic Diagram



View



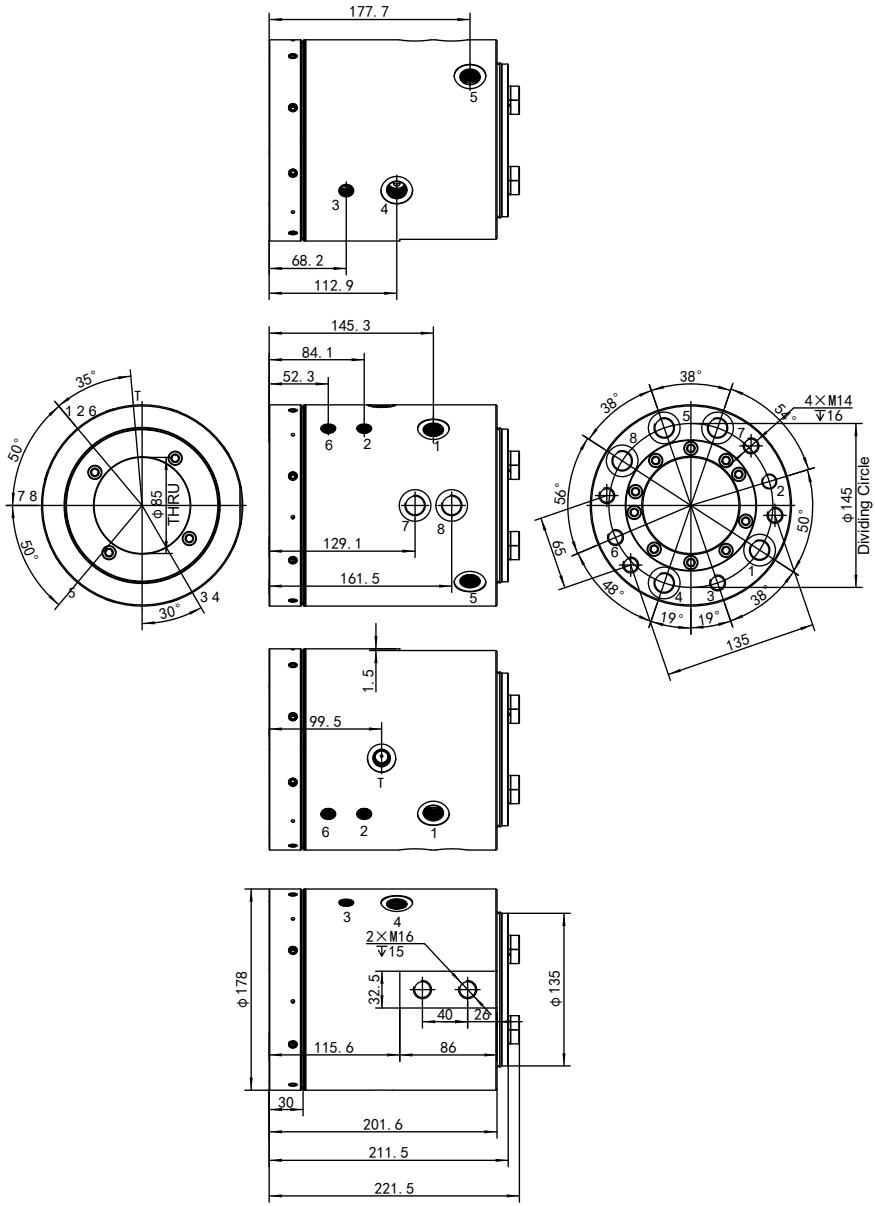
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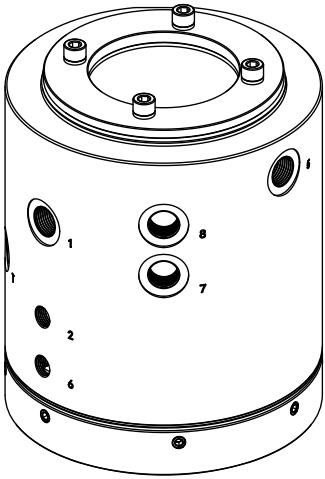


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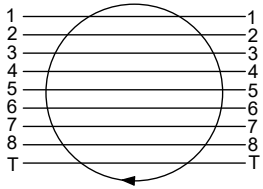
YHZ–8–6WE

Outline Drawing

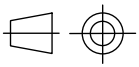




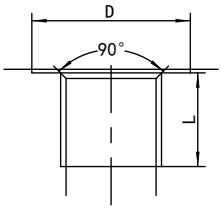
Schematic Diagram



View



Port

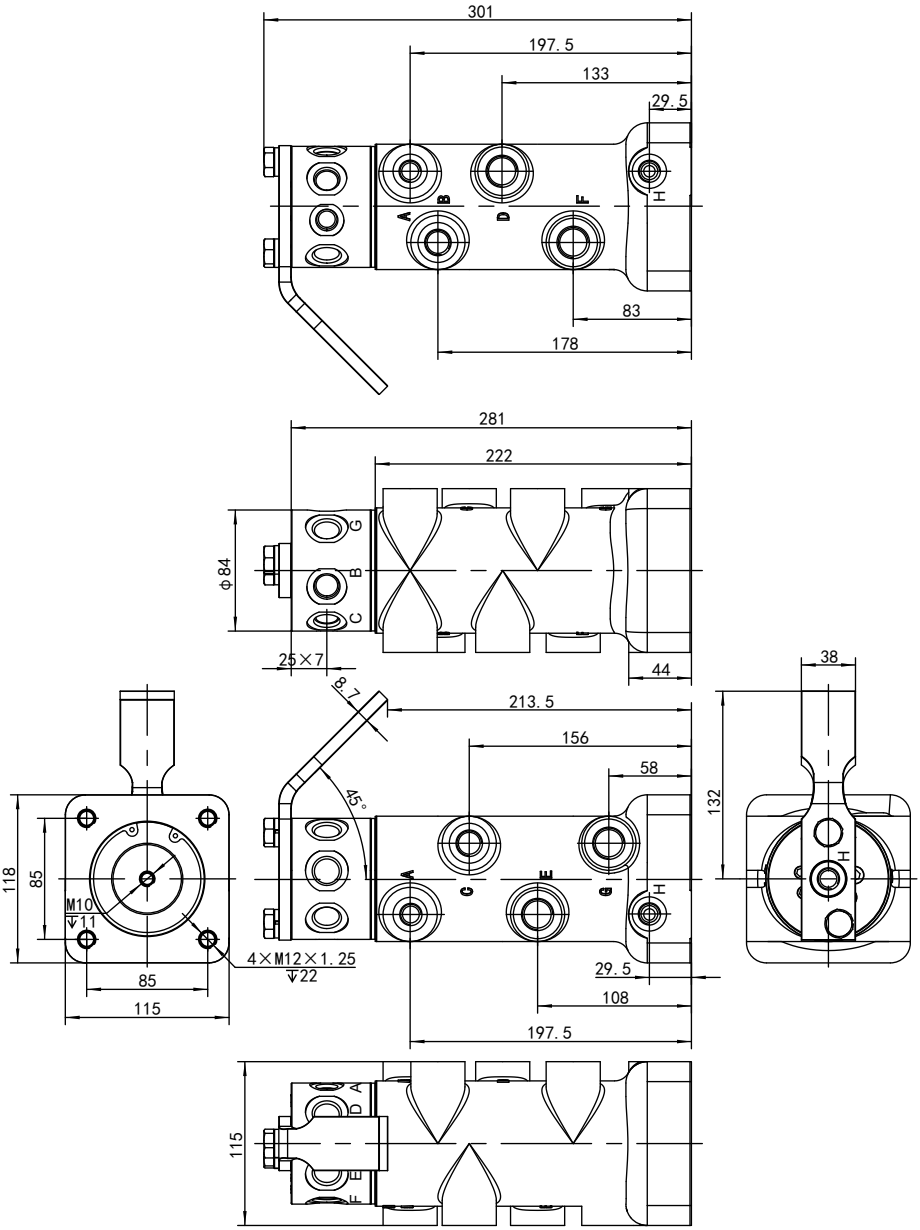


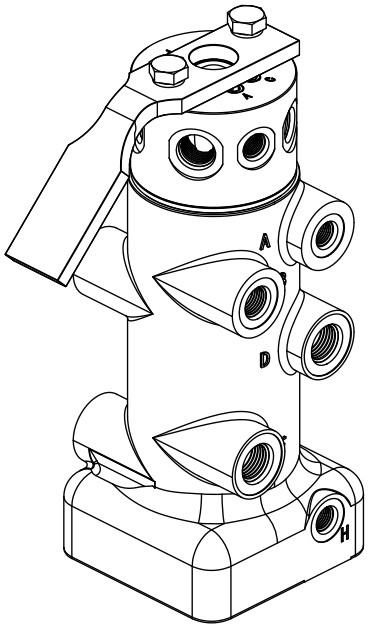
Technical Parameters

Parameter \ Type	YHZ–8-6WE
Oil Port Thread	M18×1.5 D=28 L=15(1.4.5.7.8)
Air inlet thread	NPT1/4 L=15(2.3.6)
Oil Port Thread	G1/4 D=22 L=15(T)
Max.Flow	40L/min(1.4.5.7.8)&30L/min(T)
Rated pressure	20MPa(1.4.5.7.8)&0.8MPa(2.3.6)&0.3MPa(T)
NO.of Rotational Channels	8
Starting Torque	≤150N.m
Rotational Torque	≤100N.m
Rotational Speed	≤15r/min
Weight	27.6kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

YHZ–8–7

Outline Drawing

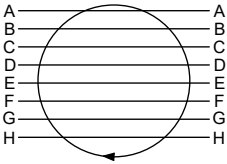




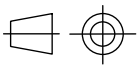
Technical Parameters

Parameter \ Type	YHZ−8-7
Oil Port Thread	G1/4 D1=24 L1=13 D2=15.6 L2=2.5(A.H)
	G3/8 D1=28 L1=15 D2=18.6 L2=2.5(B.C)
	3/4-16UNF D1=30 L1=16 D2=20.65 L2=2.5(D.E.F.G/External Joint)
	G1/2 D1=34 L1=16 D2=22.6 L2=2.5(D.E.F.G/Internal Joint)
Port Dimensions	JIS B 2351&ISO 11926-1
Max.Flow	20L/min(A.H)&40L/min(B.C)&80L/min(D.E.F.G)
Max.Pressure	25MPa(A.B.C.D.E.F.G)&0.3MPa(H)
Diameter	6mm(A.H)&8mm(B.C)&12mm(D.E.F.G)
NO.of Rotational Channels	8
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	13.8kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

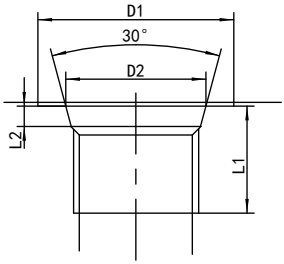
Schematic Diagram



View

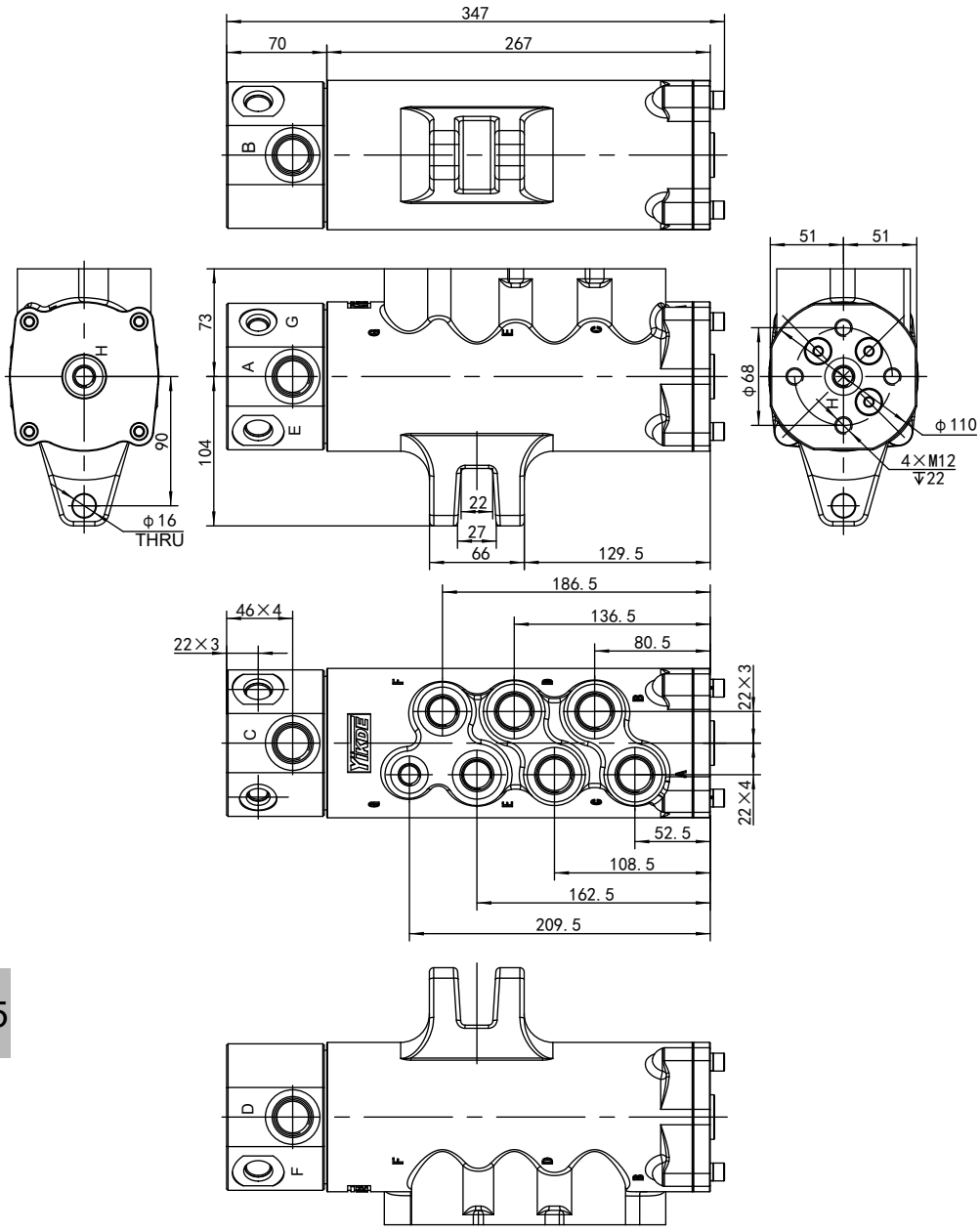


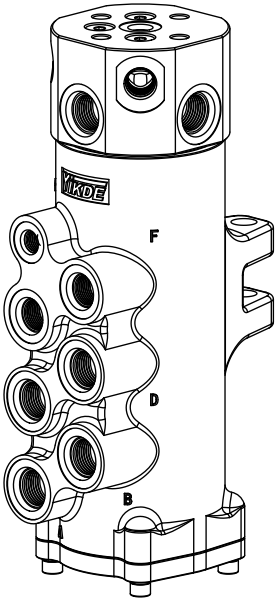
Port



YHZ–8–8

Outline Drawing

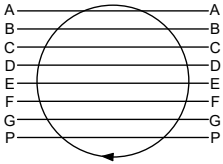




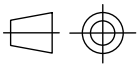
Technical Parameters

Parameter \ Type	YHZ−8-8
Oil Port Thread	M24×1.5 D1=38 L1=20 D2=27.6 L2=4.2(A.B.C.D)
	M18×1.5 D1=36 L1=20 D2=19.8 L2=3.2(E.F/External Joint)
	M20×1.5 D1=35 L1=20 D2=23.2 L2=4.2(E.F/Internal Joint)
	M14×1.5 D1=24 L1=20 D2=15.8 L2=2.8(G.H)
Port Dimensions	ISO 6149-1
Max.Flow	89L/min(A.B.C.D)&62L/min(E.F)&5L/min(G.H)
Max.Pressure	35MPa(A.B.C.D.E.F)&7.5MPa(G)&0.3MPa(H)
Diameter	12mm(A.B.C.D)&10mm(E.F)&6mm(G.H)
NO.of Rotational Channels	8
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	20.9kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

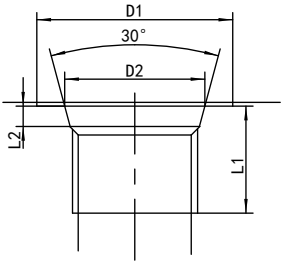
Schematic Diagram



View

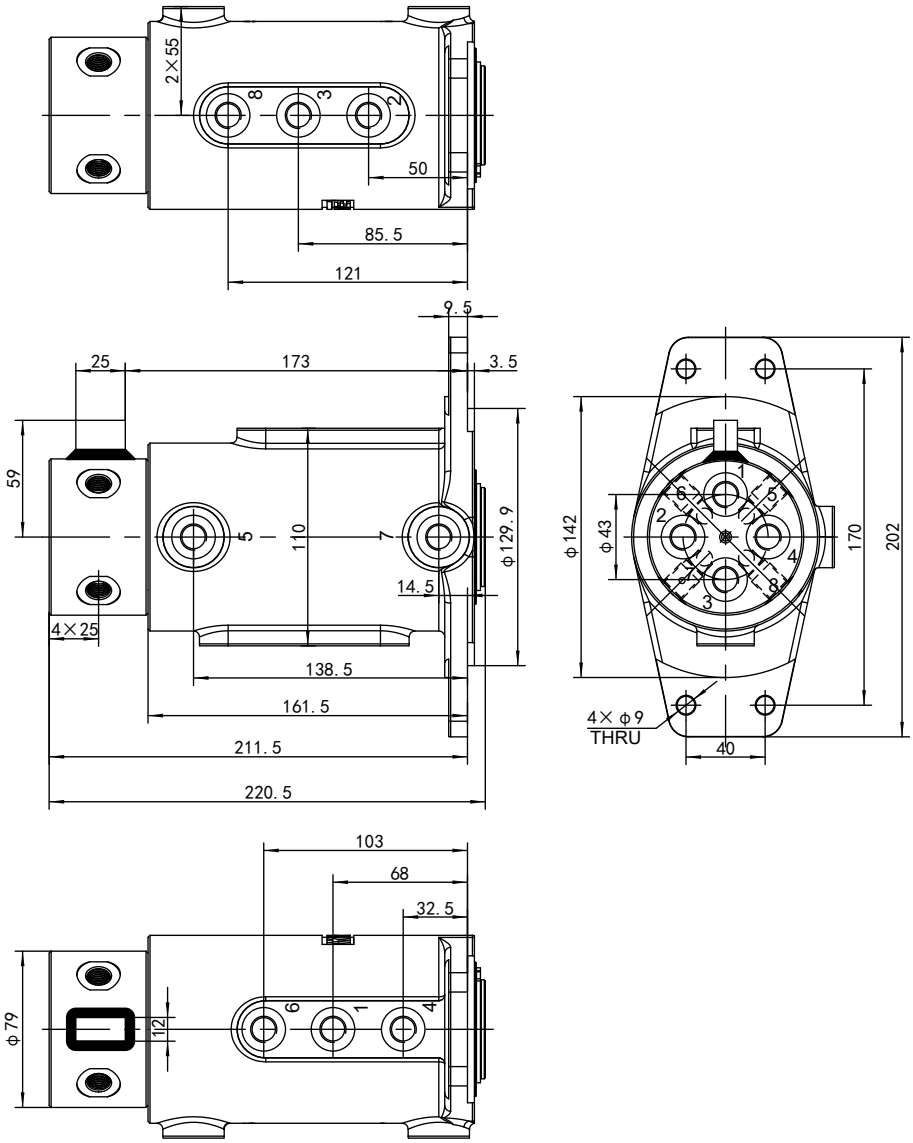


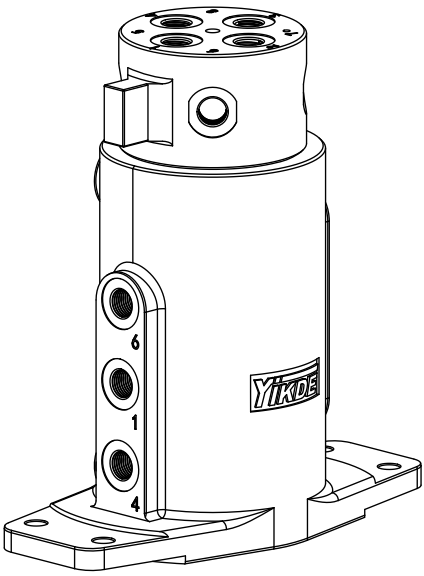
Port



YHZ–8–9

Outline Drawing

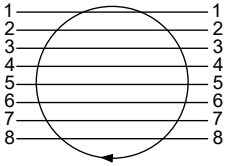




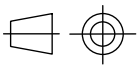
Technical Parameters

Parameter \ Type	YHZ–8-9
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	8
Starting Torque	≤120N.m
Rotational Torque	≤80N.m
Rotational Speed	≤15r/min
Weight	10.3kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

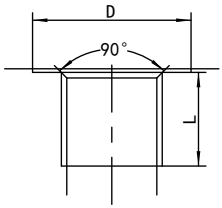
Schematic Diagram



View

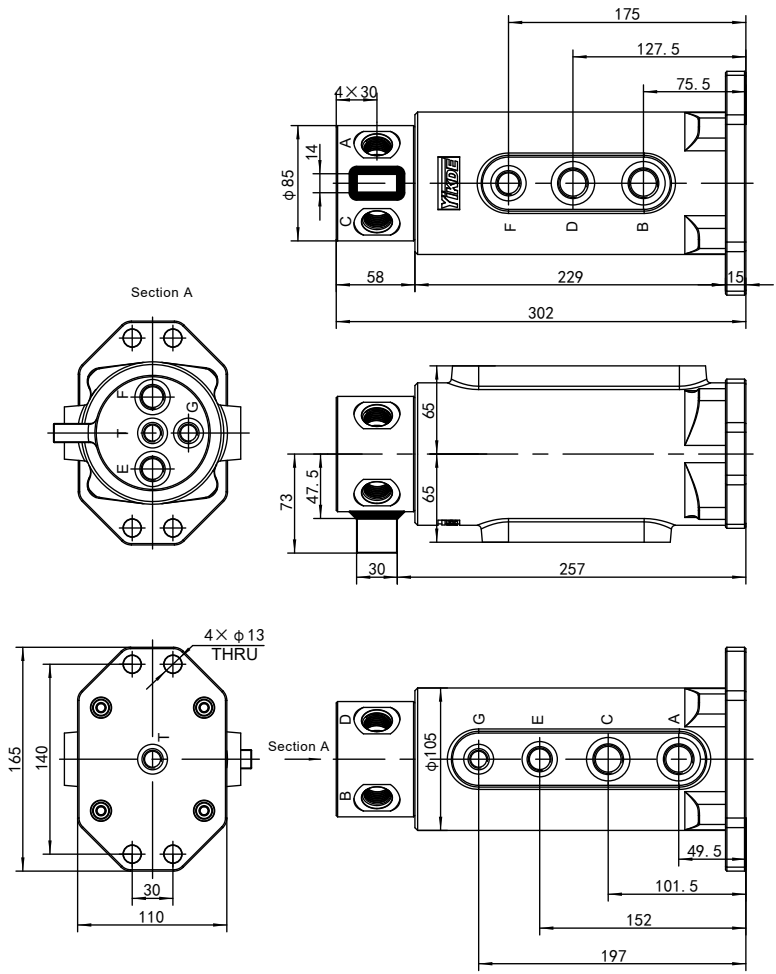


Port

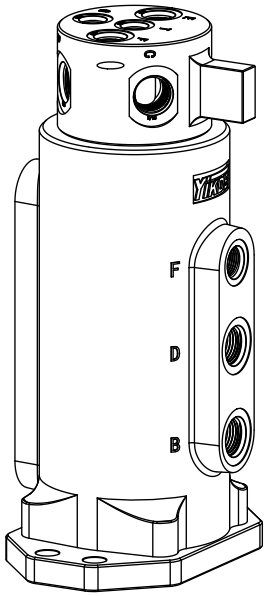


YHZ–8–10

Outline Drawing



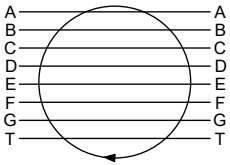
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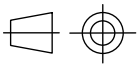
Technical Parameters

Parameter \ Type	YHZ−8-10
Oil Port Thread	G1/2 D1=34 L1=16 D2=22.6 L2=2.7(A.B.C.D)
	G3/8 D1=26 L1=13 D2=18.6 L2=2.7(E.F)
	G1/4 D1=22 L1=13 D2=15.6 L2=2.7(G.T)
Port Dimensions	JIS B 2351
Max.Flow	85L/min(A.B.C.D)&40L/min(E.F)&20L/min(G)
Max.Pressure	32MPa(A.B.C.D.E.F)&5MPa(G)&0.3MPa(T)
Diameter	12mm(A.B.C.D)&8mm(E.F)&6mm(G)
NO.of Rotational Channels	8
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	16.9kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

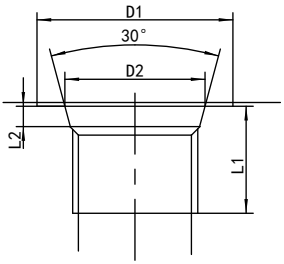
Schematic Diagram



View

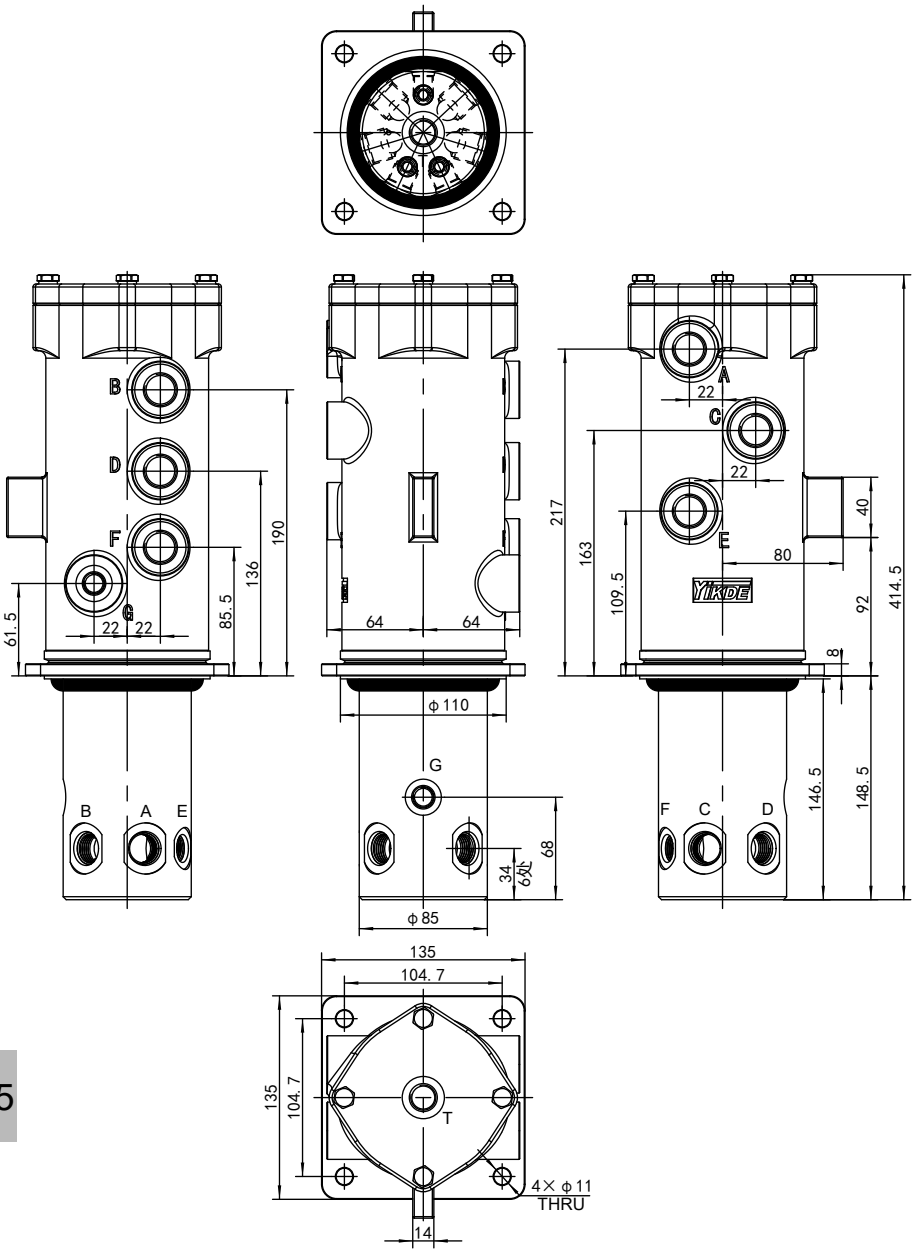


Port

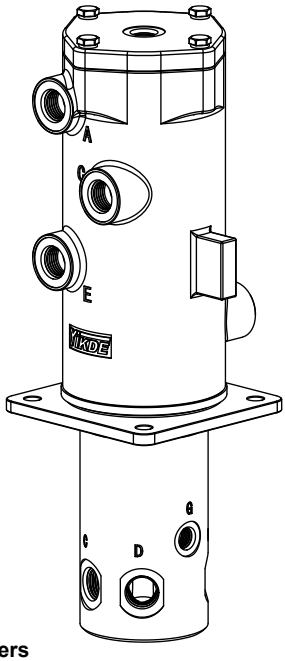


YHZ–8–12

Outline Drawing



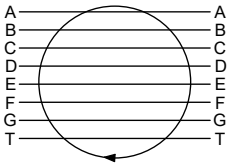
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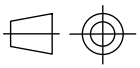
Technical Parameters

Parameter \ Type	YHZ–8-12
Oil Port Thread	G1/2 D1=34 L1=16 D2=22.6 L2=2.7(A.B.C.D)
	G3/8 D1=28 L1=13 D2=18.6 L2=2.7(E.F/External Joint)
	G1/2 D1=34 L1=16 D2=22.6 L2=2.7(E.F/Internal Joint)
	G1/4 D1=24 L1=13 D2=15.6 L2=2.7(G)
	G3/8 D1=28 L1=13 D2=18.6 L2=2.7(T)
Port Dimensions	JIS B 2351
Max.Flow	68L/min(A.B.C.D)&40L/min(E.F.G)&20L/min(T)
Max.Pressure	32MPa(A.B.C.D)&26MPa(E.F)&5MPa(G)&0.3MPa(T)
Diameter	10mm(A.B.C.D)&8mm(E.F.G)&6mm(T)
NO.of Rotational Channels	8
Starting Torque	≤160N.m
Rotational Torque	≤120N.m
Rotational Speed	≤15r/min
Weight	21.4kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

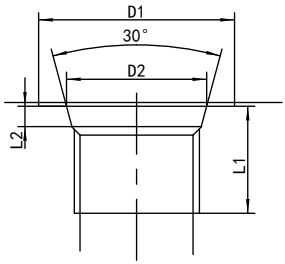
Schematic Diagram



View

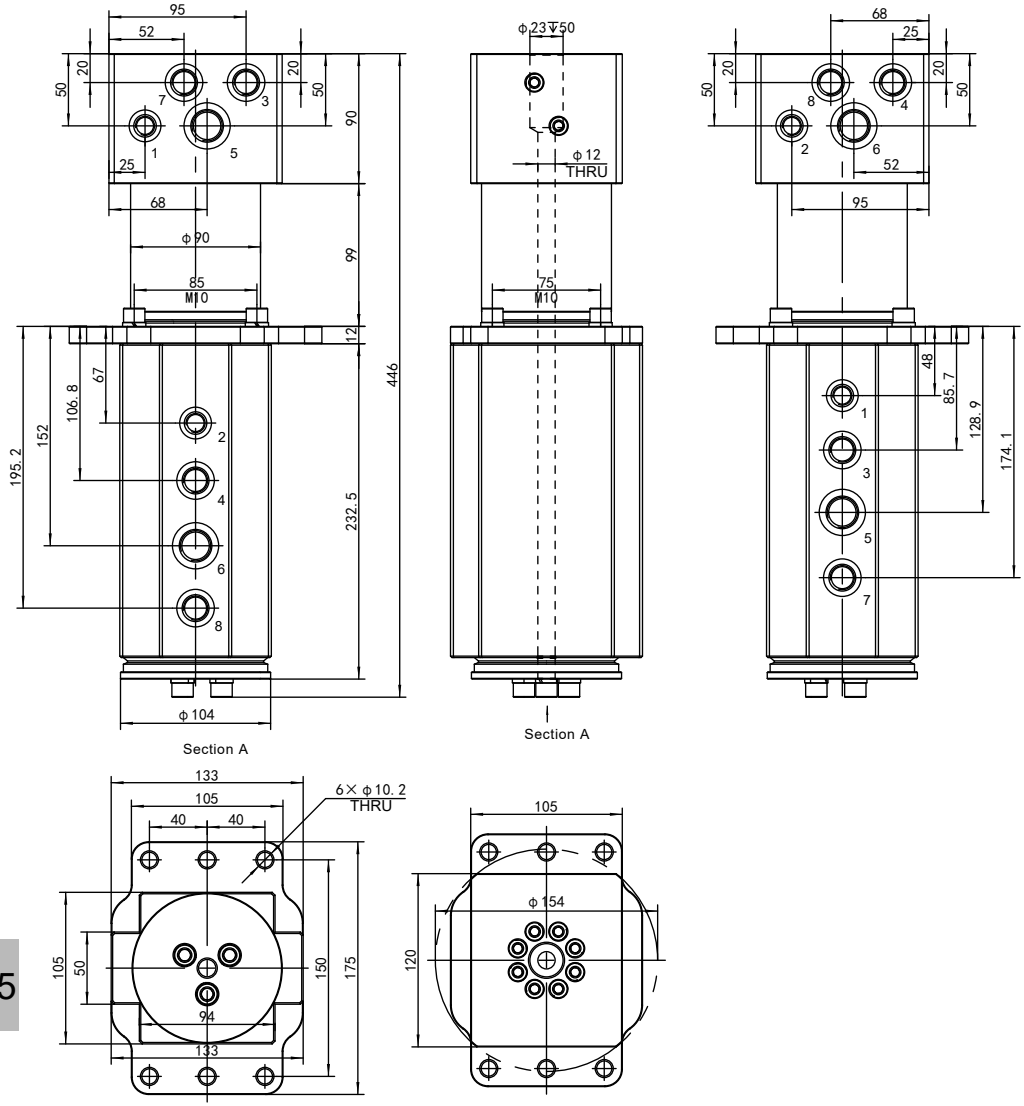


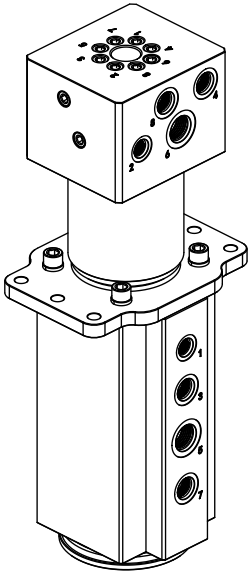
Port



YHZ–8–15

Outline Drawing

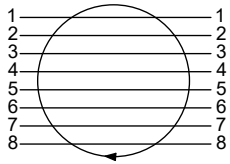




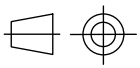
Technical Parameters

Parameter \ Type	YHZ–8-15
Oil Port Thread	PF1/4 D1=24 L1=13 D2=15.6 L2=2.7(1.2)
Oil Port Thread	PF3/8 D1=28 L1=13 D2=18.6 L2=2.7(3.4.7.8)
Oil Port Thread	PF1/2 D1=34 L1=16 D2=22.6 L2=2.7(5.6)
Port Dimensions	JIS B 2351
Max.Flow	25L/min(1.2.)&45L/min(3.4.7.8)&65L/min(5.6)
Max.Pressure	42MPa
Diameter	6mm(1.2.)&9mm(3.4.7.8)&11mm(5.6)
NO.of Rotational Channels	8
Starting Torque	≤160N.m
Rotational Torque	≤120N.m
Rotational Speed	≤15r/min
Weight	30.8kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

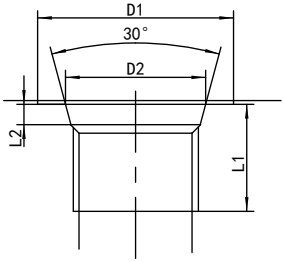
Schematic Diagram



View

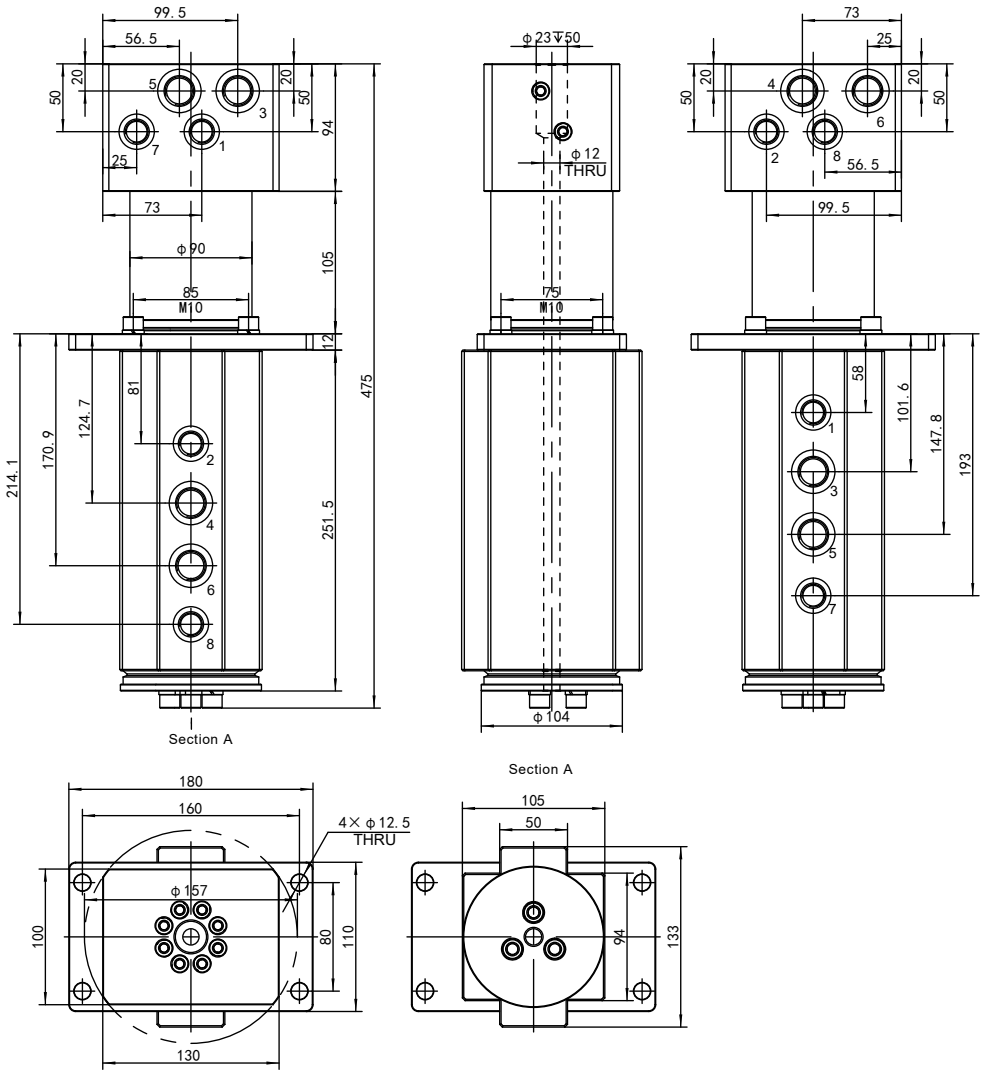


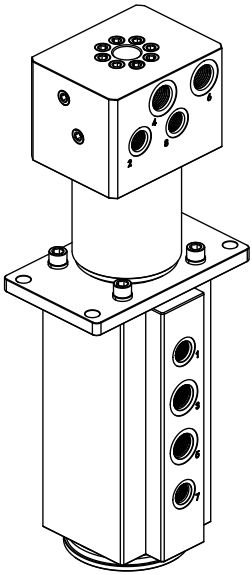
Port



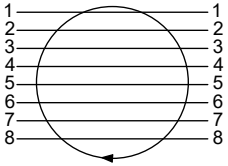
YHZ–8–16

Outline Drawing

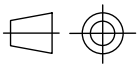




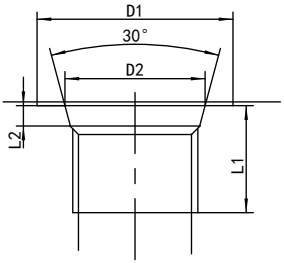
Schematic Diagram



View



Port

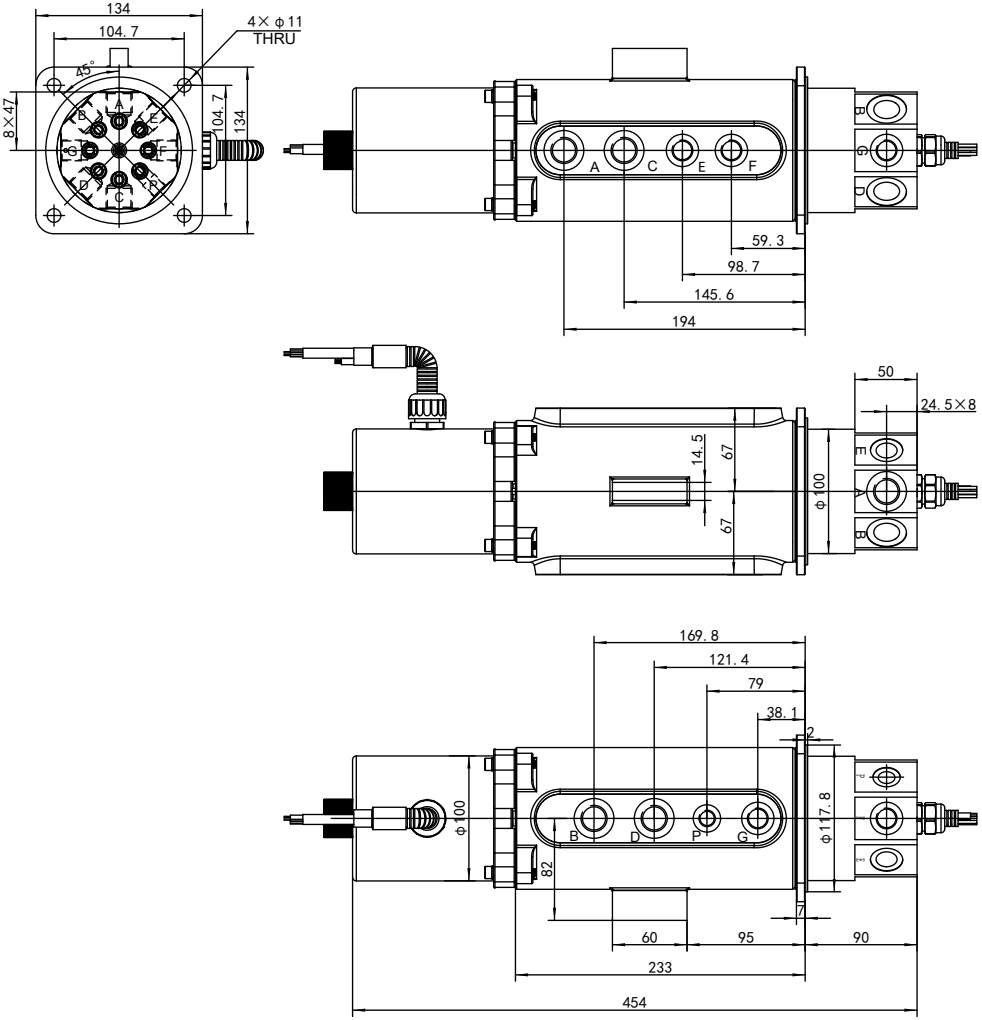


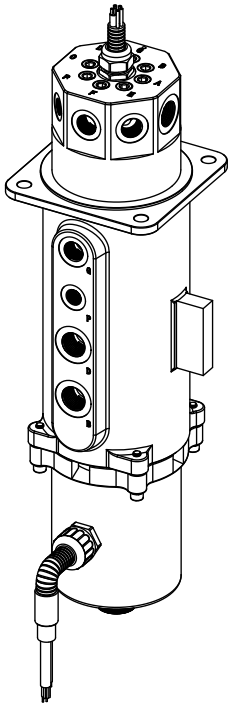
Technical Parameters

Parameter \ Type	YHZ–8-16
Oil Port Thread	PF3/8 D1=28 L1=13 D2=18.6 L2=2.7(1.2.7.8)
Oil Port Thread	PF1/2 D1=34 L1=16 D2=22.6 L2=2.7(3.4.5.6)
Port Dimensions	JIS B 2351
Max.Flow	45L/min(1.2.7.8)&65L/min(3.4.5.6)
Max.Pressure	42MPa
Diameter	9mm(1.2.7.8)&11mm(3.4.5.6)
NO.of Rotational Channels	8
Starting Torque	≤160N.m
Rotational Torque	≤120N.m
Rotational Speed	≤15r/min
Weight	32.8kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

YHZ–8–20SR6RPS

Outline Drawing

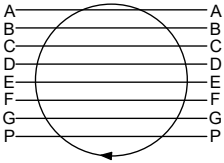




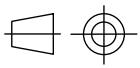
Technical Parameters

Parameter \ Type	YHZ−8-20SR6RPS
Oil Port Thread	G1/2 D=32 L=16(A.B.C.D)
Oil Port Thread	G3/8 D=26 L=13(E.F.G)
Oil Port Thread	G1/4 D=22 L=13(P)
Port Dimensions	ISO 1179-1
Max.Flow	80L/min(A.B.C.D)&50L/min(E.F.G)&20L/min(T)
Max.Pressure	25MPa
NO.of Rotational Channels	8
Starting Torque	≤120N.m
Rotational Torque	≤60N.m
Rotational Speed	≤15r/min
Weight	22.9kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

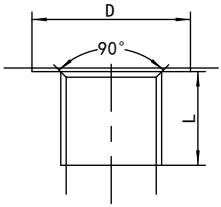
Schematic Diagram



View

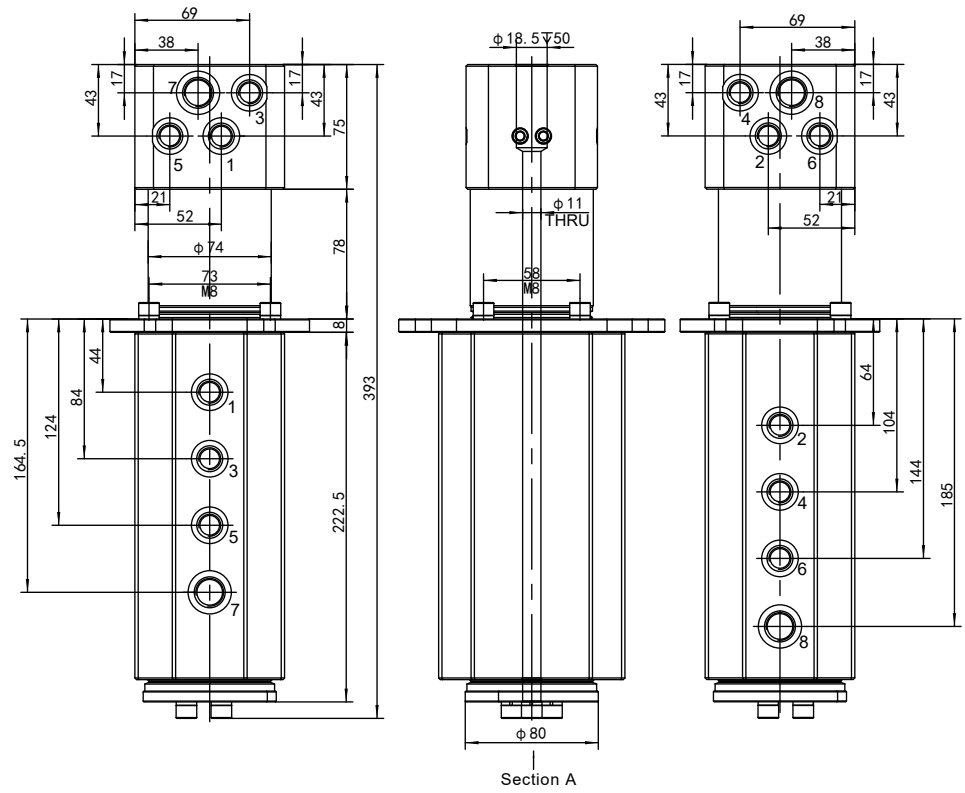


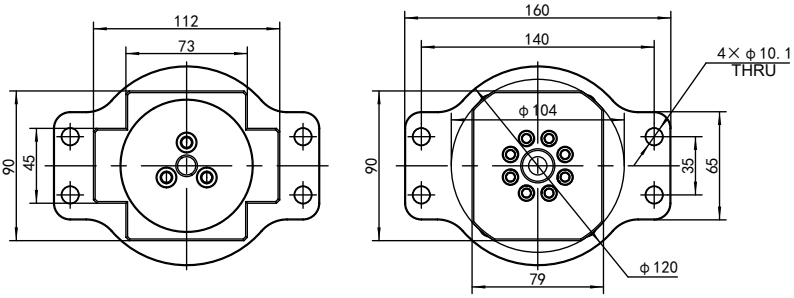
Port



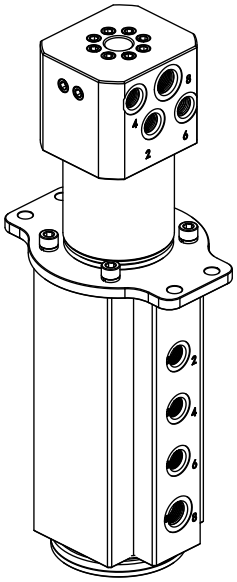
YHZ–8–21

Outline Drawing





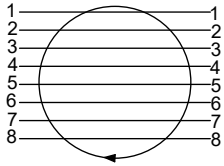
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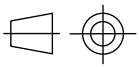
Technical Parameters

Parameter \ Type	YHZ–8-21
Oil Port Thread	PF1/4 D1=24 L1=13 D2=15.6 L2=2.7(1～6)
Oil Port Thread	PF3/8 D1=28 L1=13 D2=18.6 L2=2.7(7.8)
Port Dimensions	JIS B 2351
Max.Flow	25L/min(1～6)&45L/min(7.8)
Max.Pressure	42MPa
Diameter	6mm(1～6)&9mm(7.8)
NO.of Rotational Channels	8
Starting Torque	≤160N.m
Rotational Torque	≤120N.m
Rotational Speed	≤15r/min
Weight	18.3kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

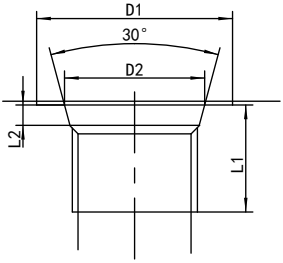
Schematic Diagram



View

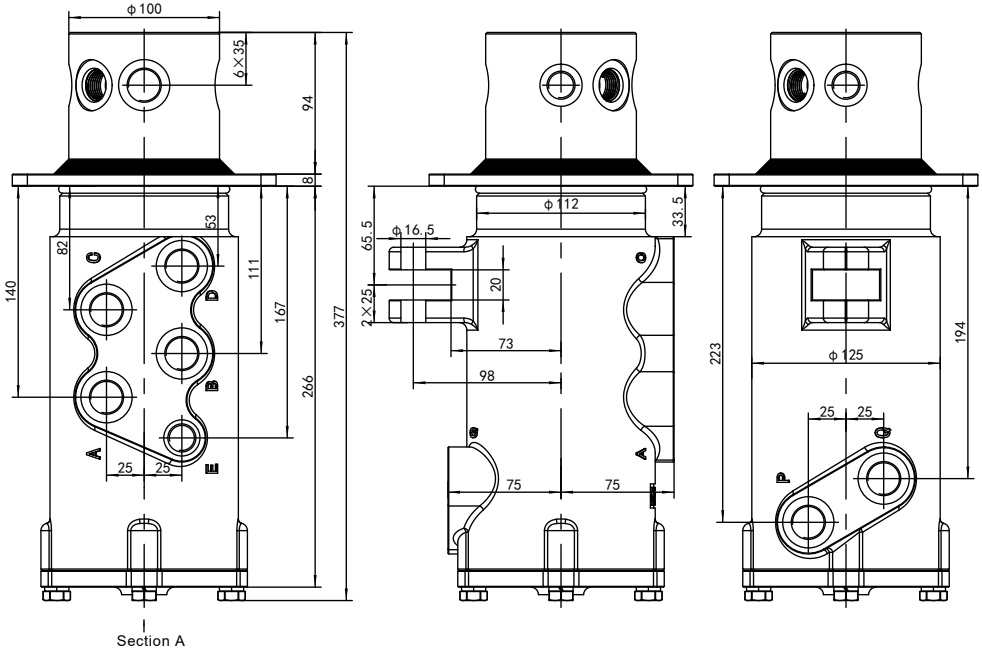


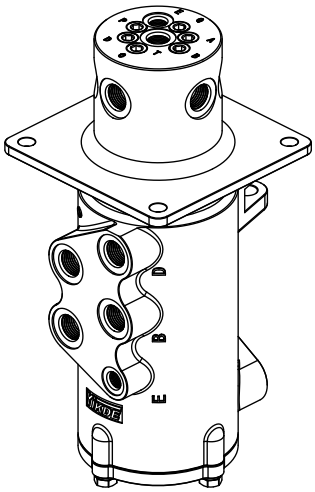
Port



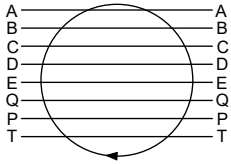
YHZ–8–22

Outline Drawing





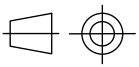
Schematic Diagram



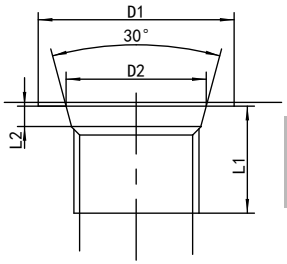
Technical Parameters

Parameter \ Type	YHZ–8-22
Oil Port Thread	G1/2 D1=34 L1=16 D2=22.6 L2=2.7(A.B.C.D.Q.P)
Oil Port Thread	G3/8 D1=28 L1=13 D2=18.6 L2=2.7(Q.P.T)
Oil Port Thread	G1/4 D1=24 L1=13 D2=15.6 L2=2.7(E.T)
Port Dimensions	JIS B 2351
Max.Flow	100L/min(A.B.C.D)&60L/min(Q.P)&30L/min(E)&10L/min(T)
Max.Pressure	32MPa(A.B.C.D.E.Q.P)&0.3MPa(T)
NO.of Rotational Channels	8
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	28.9kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

View

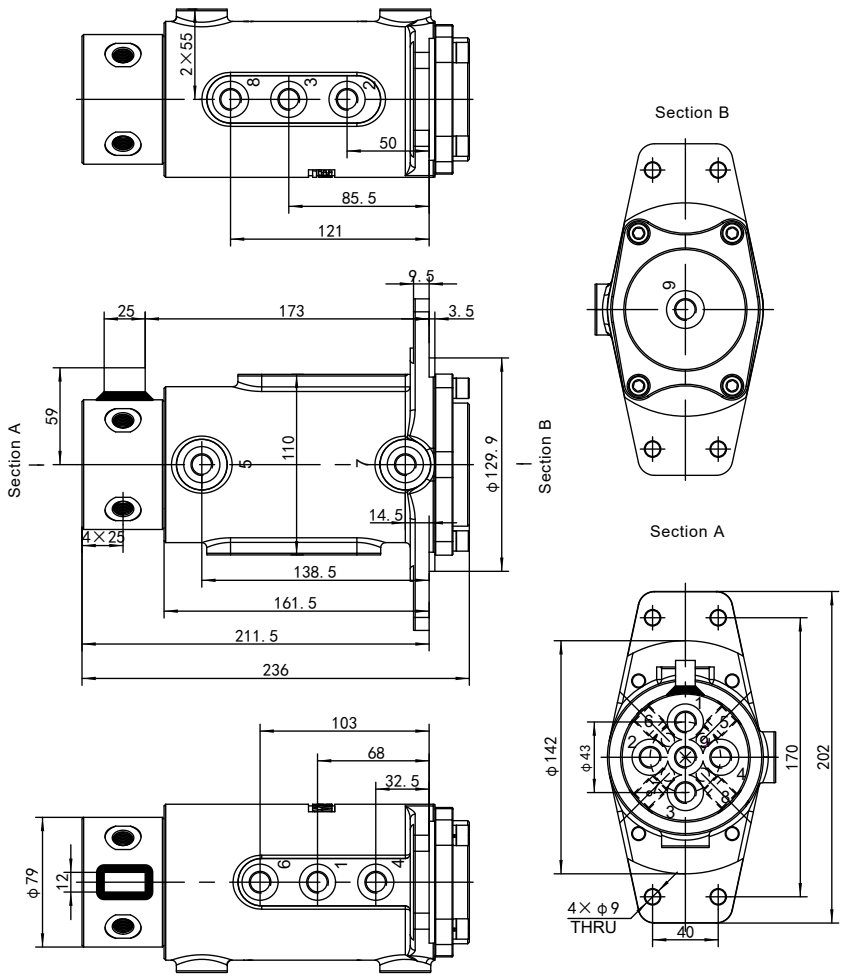


Port

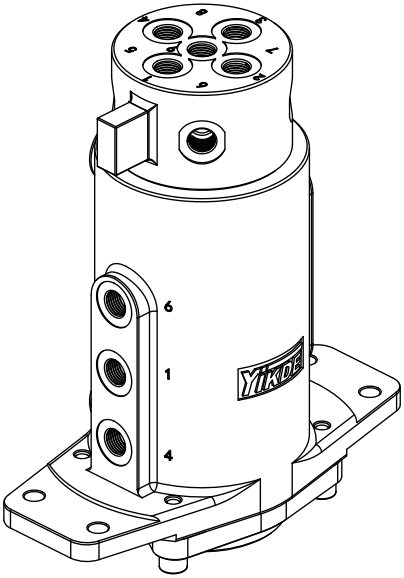


YHZ–9–1

Outline Drawing



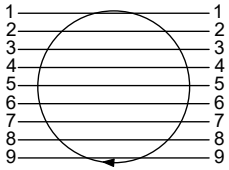
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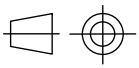
Technical Parameters

Parameter \ Type	YHZ–9-1
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max.Flow	25L/min
Max.Pressure	25MPa(1～8)&0.3MPa(9)
Diameter	6mm
NO.of Rotational Channels	9
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	11.1kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

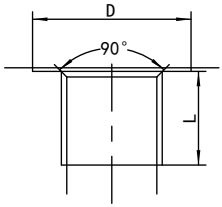
Schematic Diagram



View

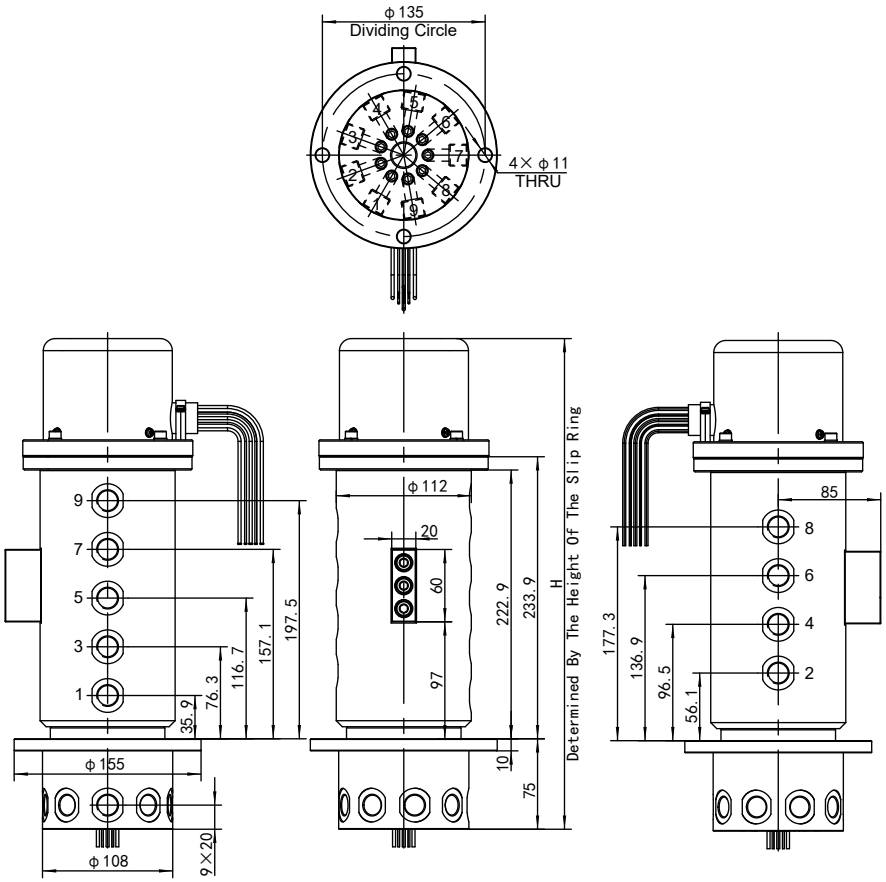


Port



YHZ–9–2SR*

Outline Drawing

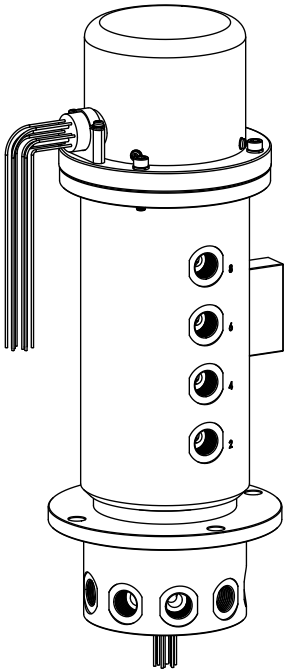


YHZ–9–2SR*

Number Of Slip Ring Channels

ex.：12(12 Channels)

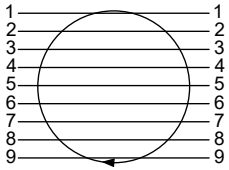
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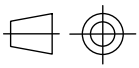
Technical Parameters

Parameter \ Type	YHZ–9–2SR*
Oil Port Thread	M18×1.5 D=26 L=15
Port Dimensions	ISO 9974-1
Max.Flow	60L/min
Max.Pressure	25MPa
Diameter	10mm
NO.of Rotational Channels	9
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	20.3kg(Don't include Electrical Slip Ring)
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

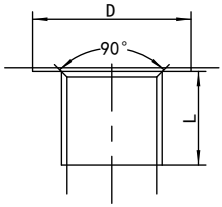
Schematic Diagram



View

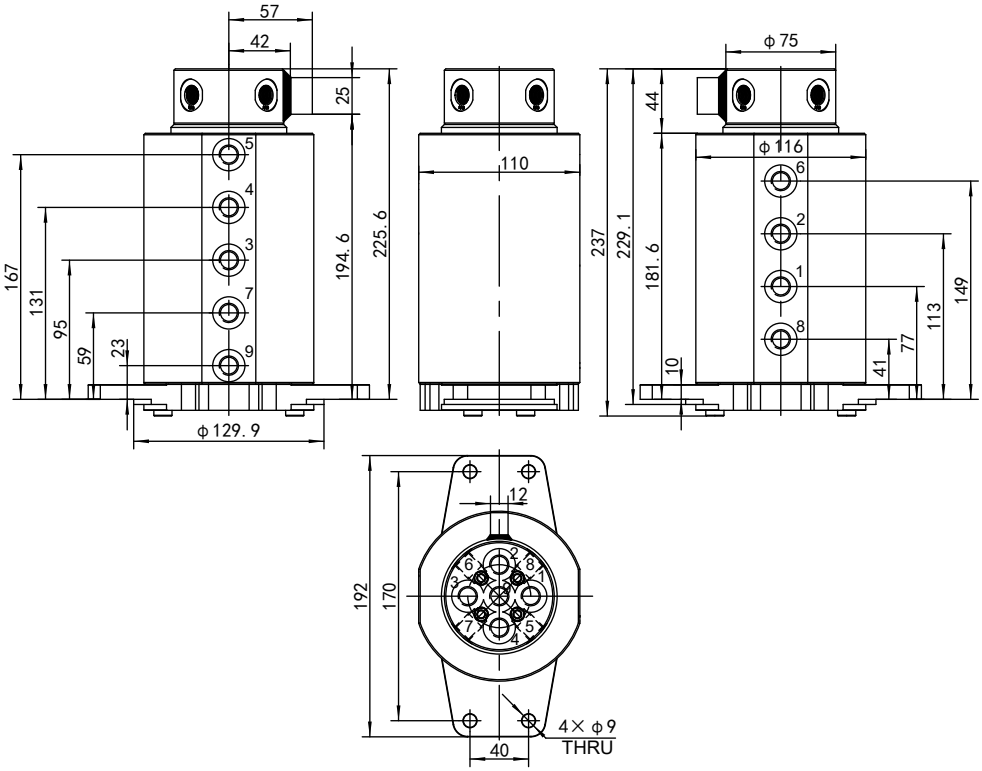


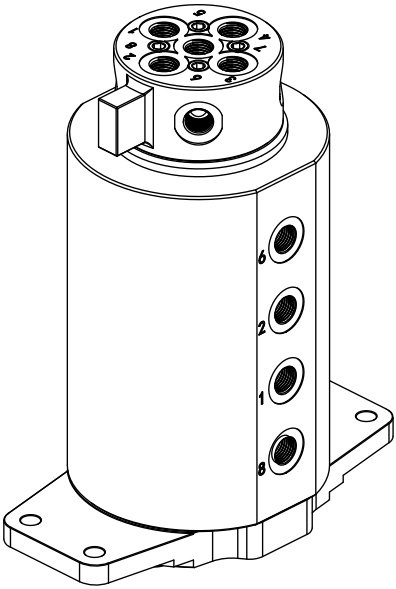
Port



YHZ–9–4

Outline Drawing

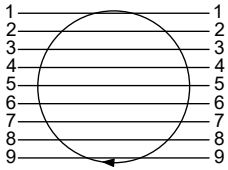




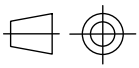
Technical Parameters

Parameter \ Type	YHZ−9−4
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max.Flow	25L/min
Max.Pressure	25MPa(1～8)&0.3MPa(9)
Diameter	6mm
NO.of Rotational Channels	9
Starting Torque	≤140N.m
Rotational Torque	≤100N.m
Rotational Speed	≤15r/min
Weight	14.5kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

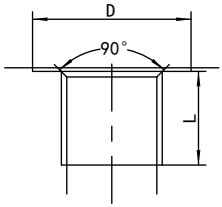
Schematic Diagram



View



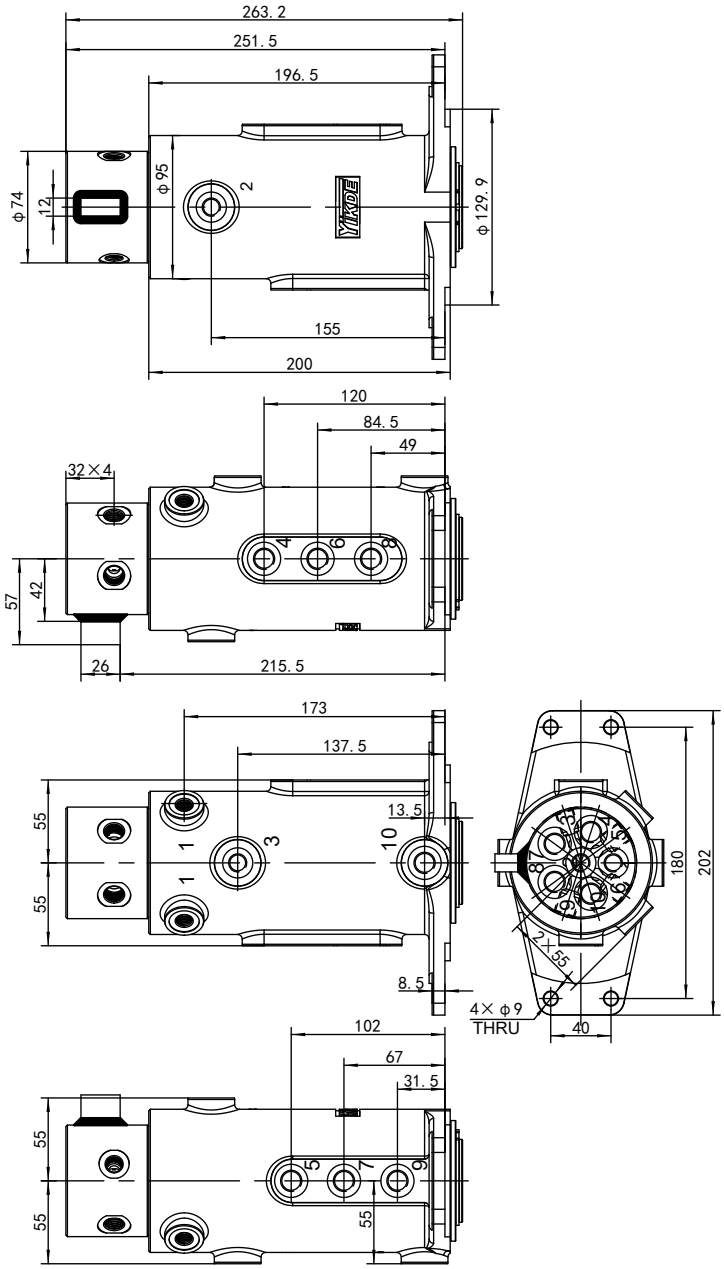
Port

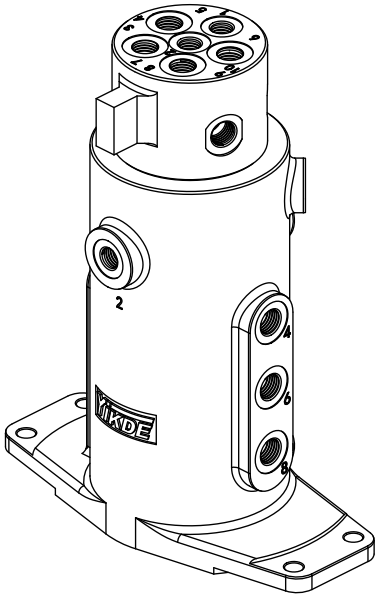


05

YHZ–10–1

Outline Drawing

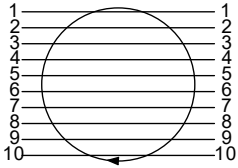




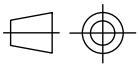
Technical Parameters

Parameter \ Type	YHZ−10−1
Oil Port Thread	M12×1.5 D=20 L=13(1～3)
	M14×1.5 D=22 L=13(4～10)
Port Dimensions	ISO 9974-1
Max.Flow	30L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	10
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	11.7kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

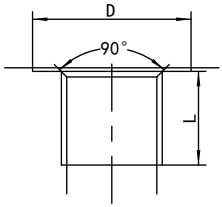
Schematic Diagram



View



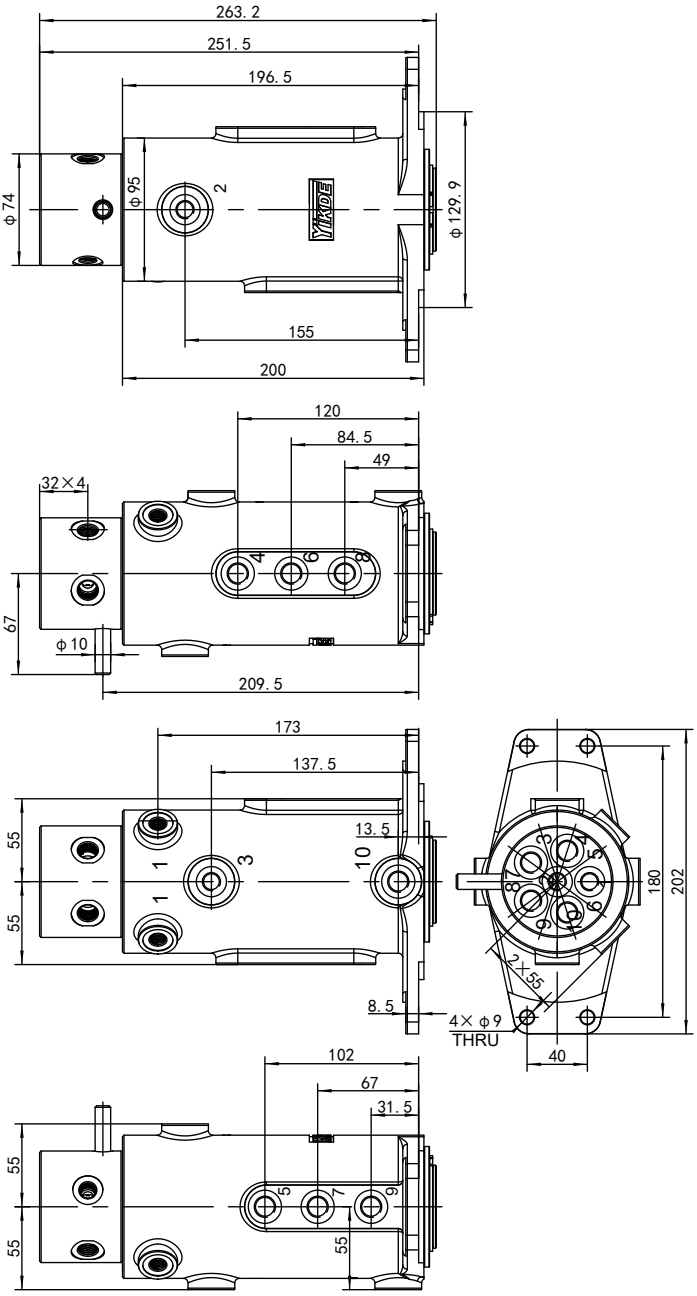
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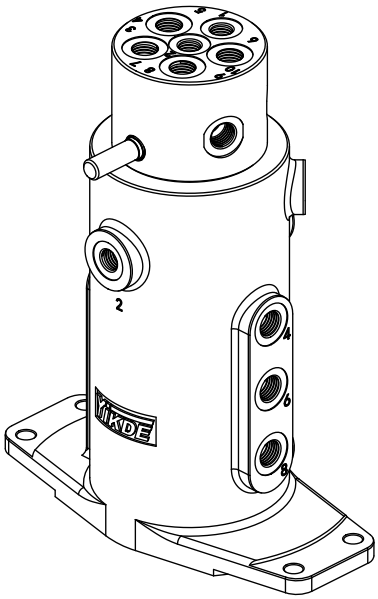


05

YHZ–10–2

Outline Drawing

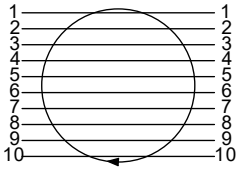




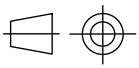
Technical Parameters

Parameter \ Type	YHZ–10–2
Oil Port Thread	M12×1.5 D=20 L=13(1～3)
	M14×1.5 D=22 L=13(4～10)
Port Dimensions	ISO 9974-1
Max.Flow	30L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	10
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	11.7kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

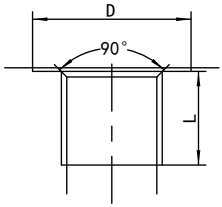
Schematic Diagram



View



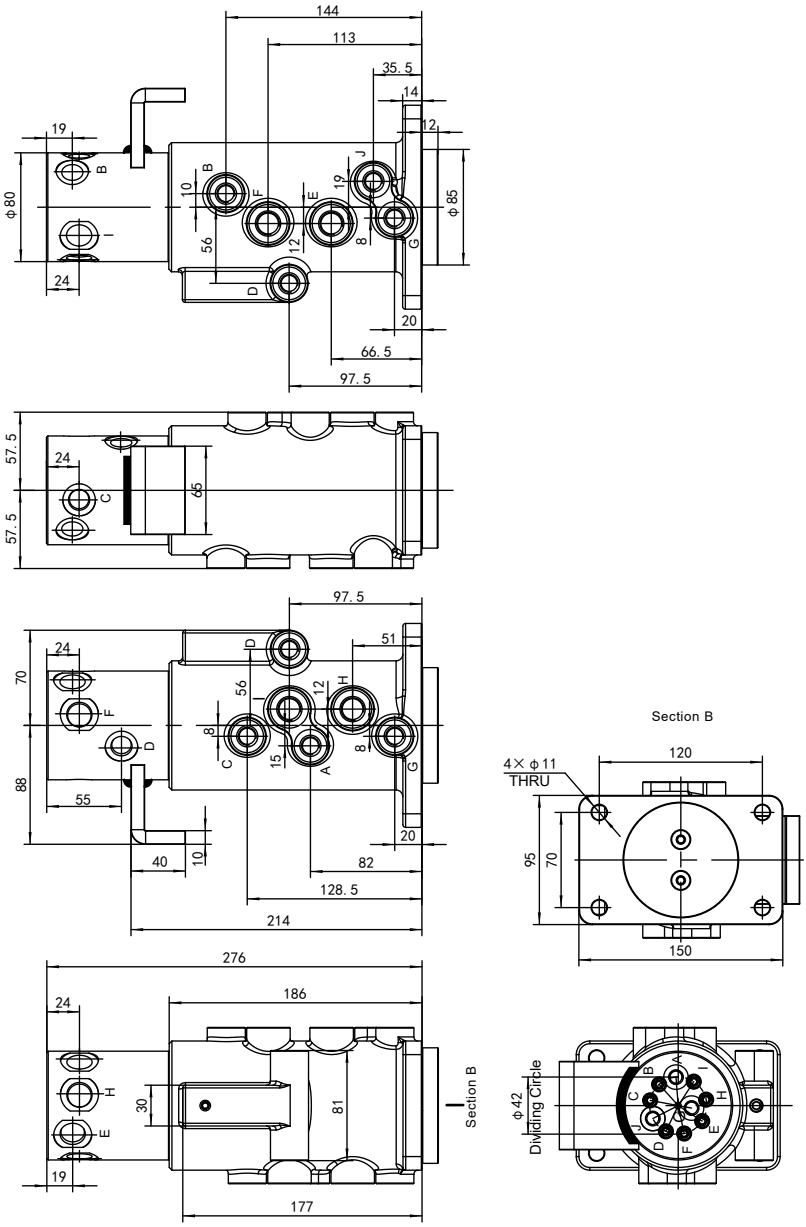
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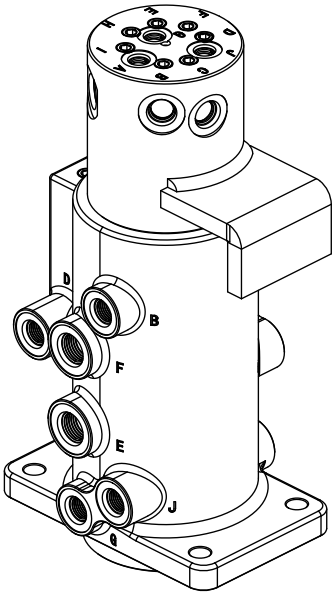


05

YHZ–10–3

Outline Drawing

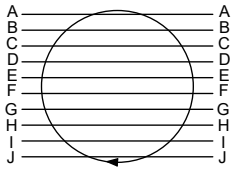




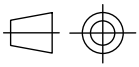
Technical Parameters

Parameter \ Type	YHZ–10–3
Oil Port Thread	G1/8 D1=18 L1=9.5 D2=11.6 L2=1.5(A.G.J/External Joint)
	G1/4 D1=22 L1=18 D2=15.6 L2=2.5(A.G.J/Internal Joint)
	G1/4 D1=22 L1=18 D2=15.6 L2=2.5(B.C.D)
	G3/8 D1=28 L1=18 D2=18.6 L2=2.5(E.F.H.I)
Port Dimensions	JIS B 2351
Max.Flow	20L/min(A.B.C.D.G.J)&40L/min(E.F.H.I)
Max.Pressure	25MPa
Diameter	6mm(A.B.C.D.G.J)&8mm(E.F.H.I)
NO.of Rotational Channels	10
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	13.6kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

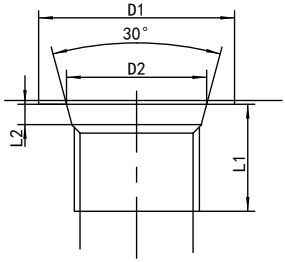
Schematic Diagram



View

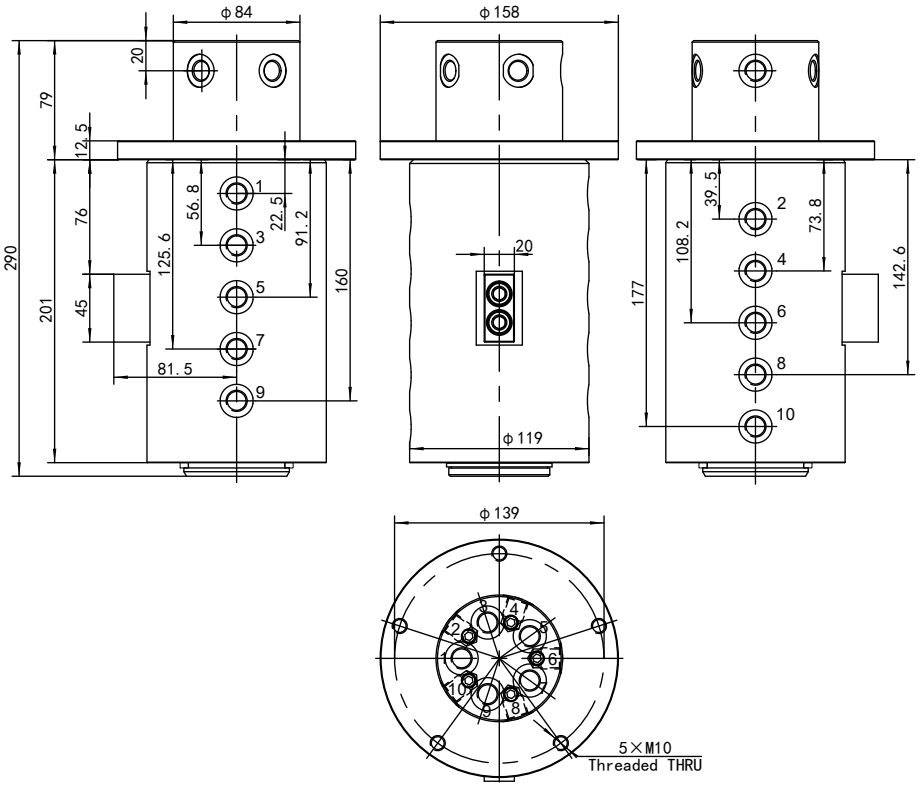


Port

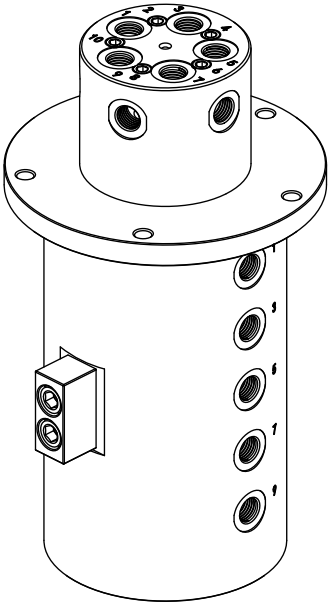


YHZ–10–4

Outline Drawing



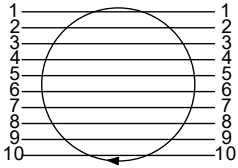
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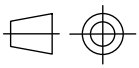
Technical Parameters

Parameter \ Type	YHZ–10–4
Oil Port Thread	M14×1.5 D=22 L=13
Port Dimensions	ISO 9974-1
Max.Flow	25L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	10
Starting Torque	≤140N.m
Rotational Torque	≤100N.m
Rotational Speed	≤15r/min
Weight	19.5kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

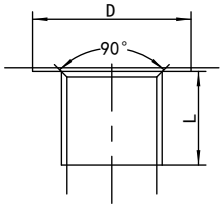
Schematic Diagram



View

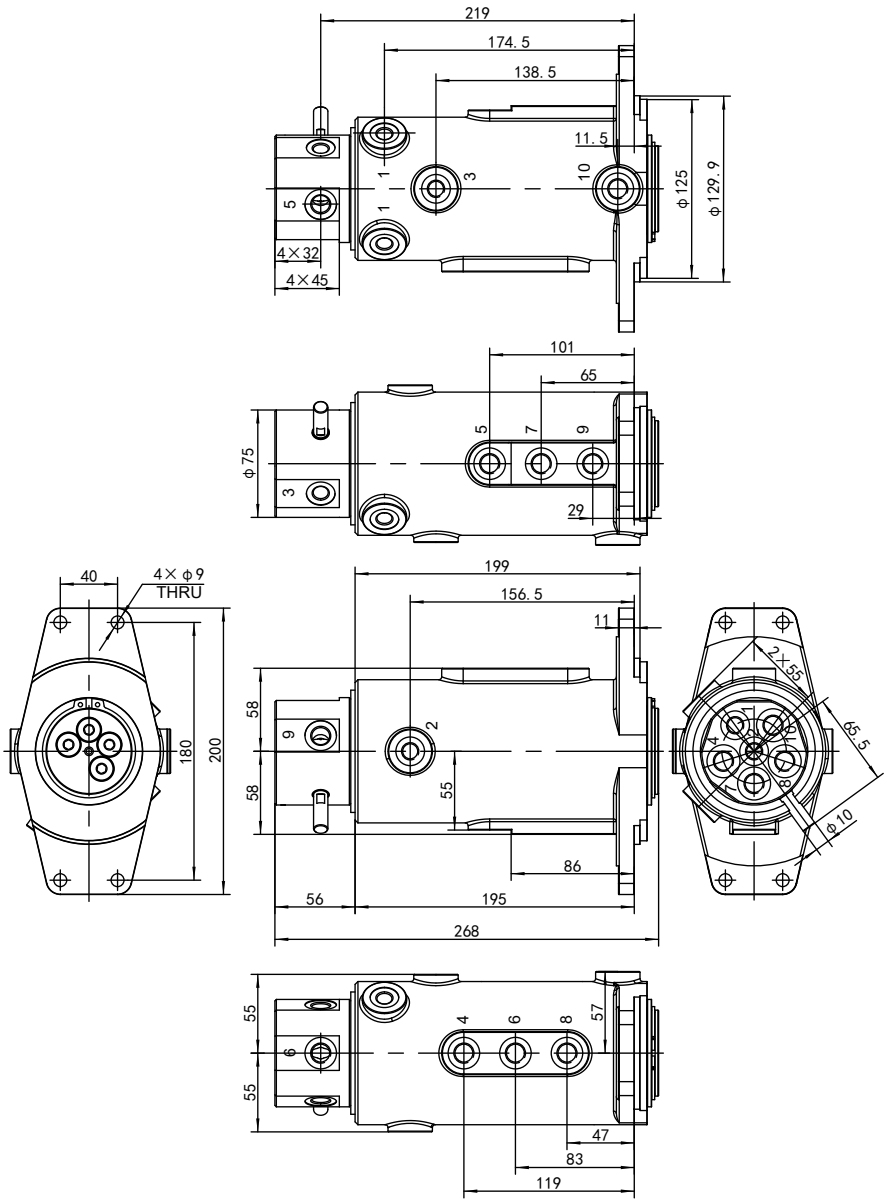


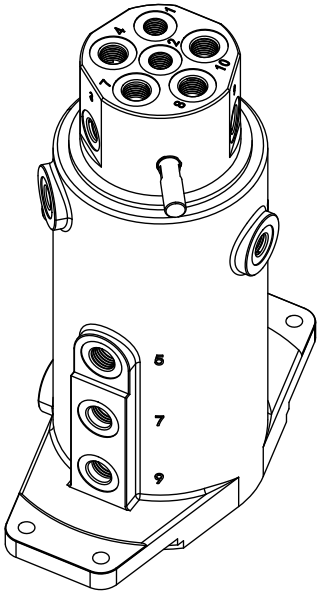
Port



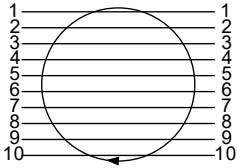
YHZ–10–5C

Outline Drawing

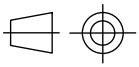




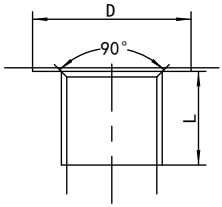
Schematic Diagram



View



Port

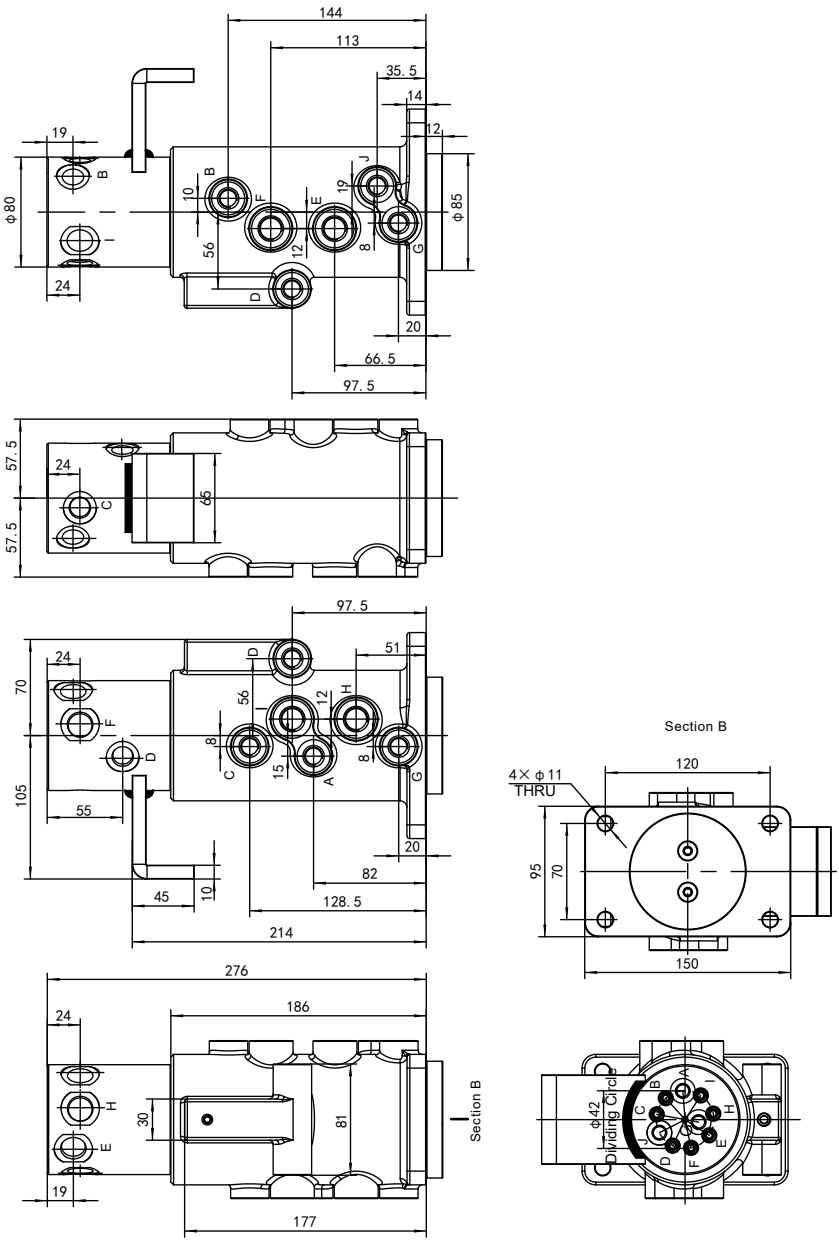


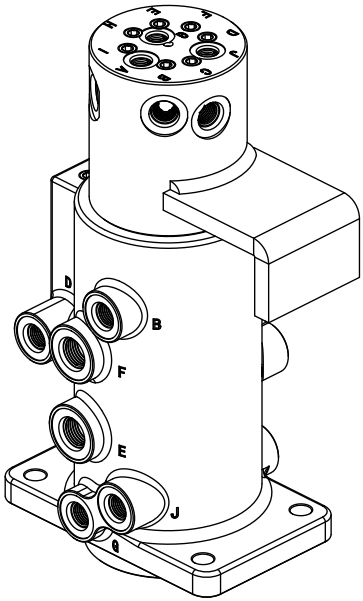
Technical Parameters

Parameter \ Type	YHZ–10-5C
Oil Port Thread	M12×1.5 D=20 L=13(1～3)
	M14×1.5 D=22 L=13(4～10)
Port Dimensions	ISO 9974-1
Max.Flow	30L/min
Max.Pressure	25MPa
Diameter	6mm
NO.of Rotational Channels	10
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	13.5kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

YHZ–10–6

Outline Drawing

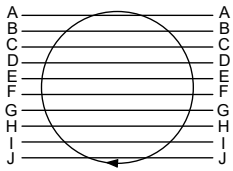




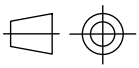
Technical Parameters

Parameter \ Type	YHZ−10-6
Oil Port Thread	G1/8 D1=18 L1=9.5 D2=11.6 L2=1.5(A.G.J/External Joint)
	G1/4 D1=22 L1=18 D2=15.6 L2=2.5(A.G.J/Internal Joint)
	G1/4 D1=22 L1=18 D2=15.6 L2=2.5(B.C.D)
	G3/8 D1=28 L1=18 D2=18.6 L2=2.5(E.F.H.I)
Port Dimensions	JIS B 2351
Max.Flow	20L/min(A.B.C.D.G.J)&40L/min(E.F.H.I)
Max.Pressure	25MPa
Diameter	6mm(A.B.C.D.G.J)&8mm(E.F.H.I)
NO.of Rotational Channels	10
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	13.7kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

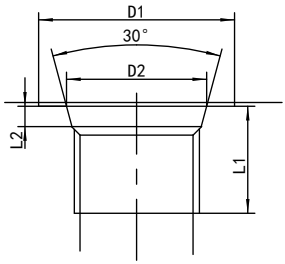
Schematic Diagram



View

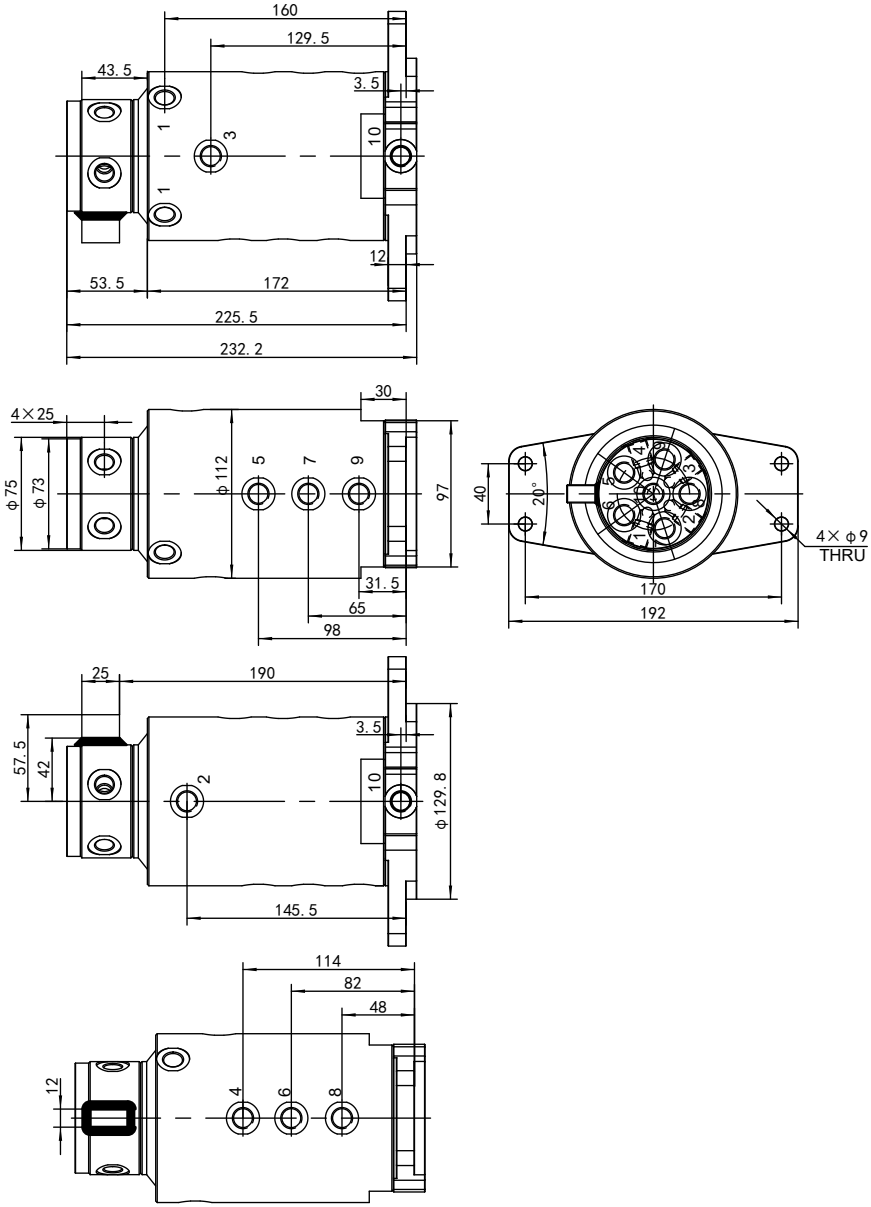


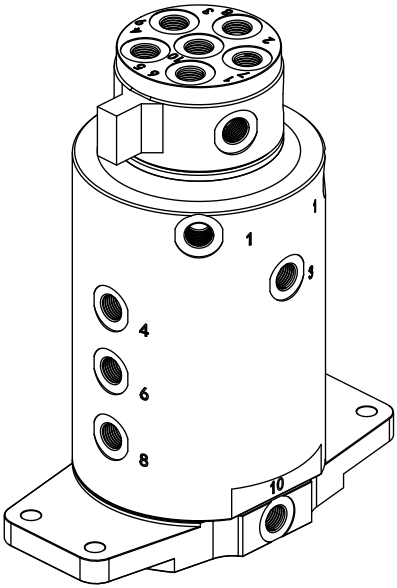
Port



YHZ–10–9

Outline Drawing

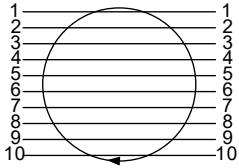




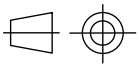
Technical Parameters

Parameter \ Type	YHZ–10–9
Oil Port Thread	G1/4 D=22 L=13
Port Dimensions	ISO 1179-1
Max.Flow	15L/min(1～5)&25L/min(4～10)
Max.Pressure	25MPa(1～9)&0.3MPa(10)
Diameter	6mm
NO.of Rotational Channels	10
Starting Torque	≤140N.m
Rotational Torque	≤100N.m
Rotational Speed	≤15r/min
Weight	13.3kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

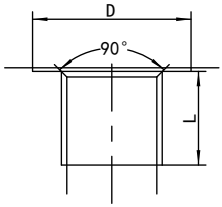
Schematic Diagram



View



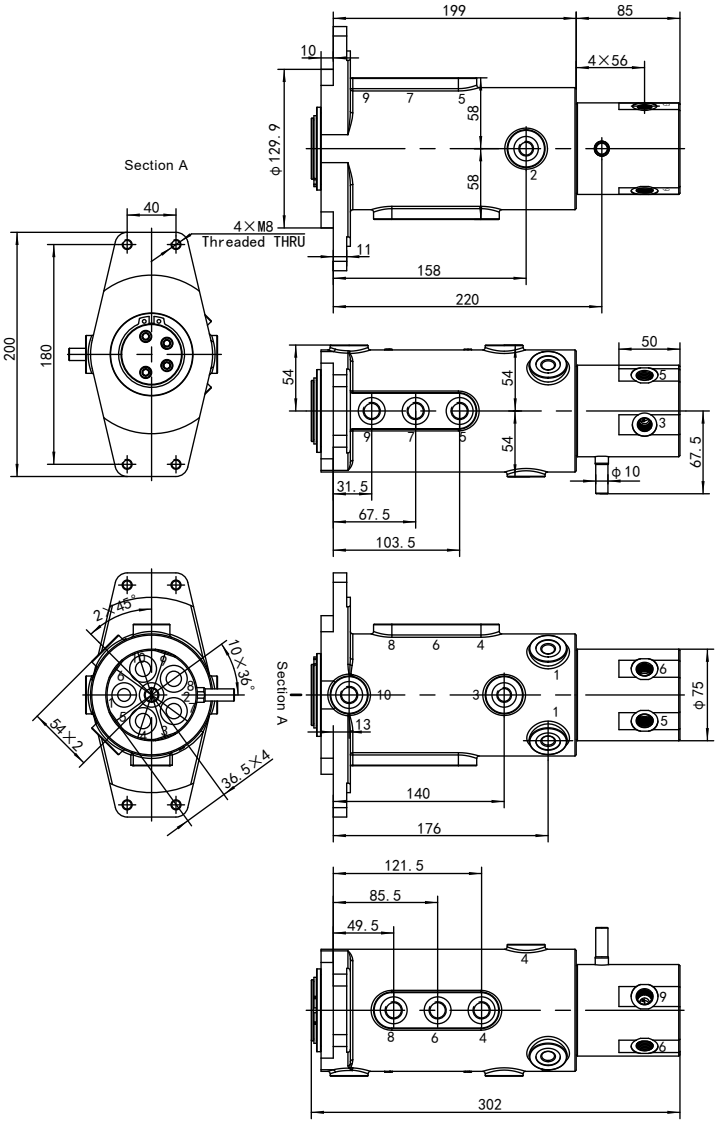
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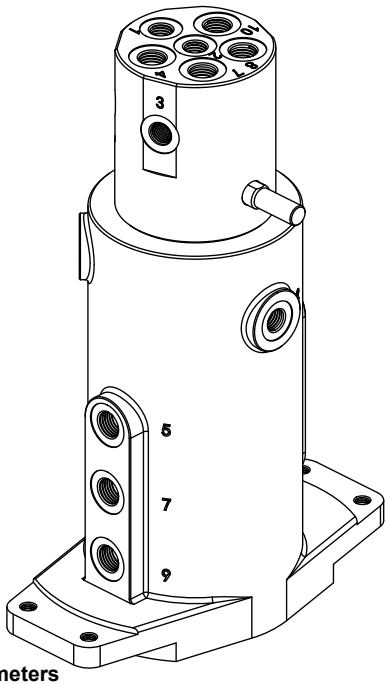


05

YHZ–10–10

Outline Drawing

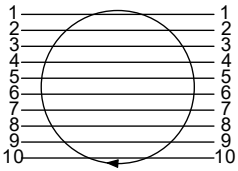




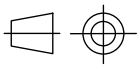
Technical Parameters

Parameter \ Type	YHZ−10−10
Oil Port Thread	M12×1.5 D=20 L=13(1～3)
Oil Port Thread	M14×1.5 D=22 L=13(4～10)
Port Dimensions	ISO 9974-1
Max.Flow	25L/min(1～3)&30L/min(4～10)
Max.Pressure	32MPa
Diameter	7mm(1～3)&8mm(4～10)
NO.of Rotational Channels	10
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	14.2kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

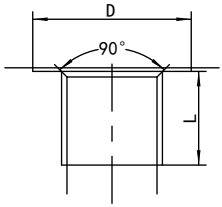
Schematic Diagram



View



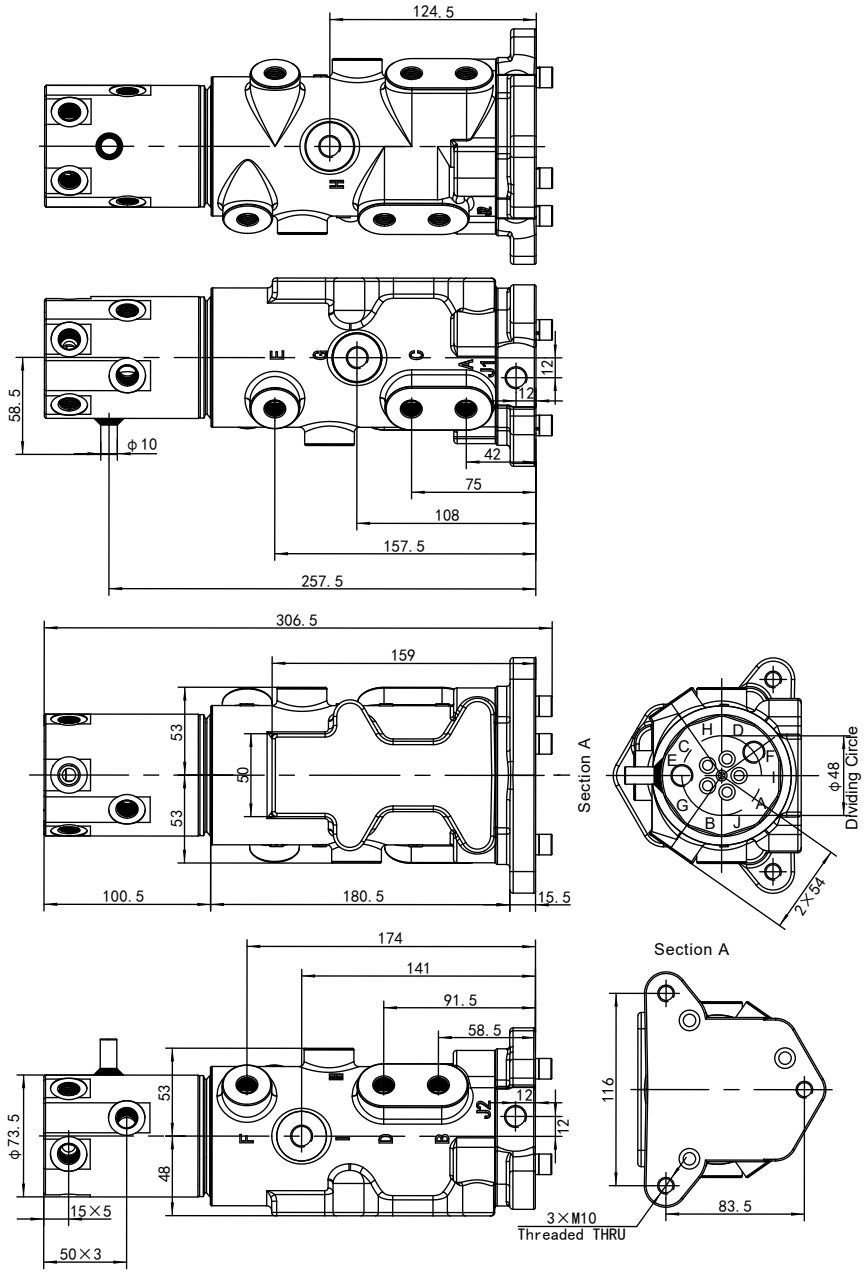
Port



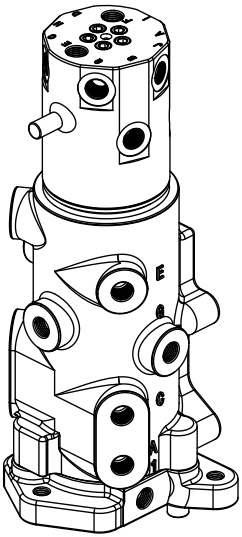
05

YHZ–10–11

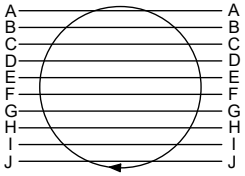
Outline Drawing



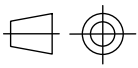
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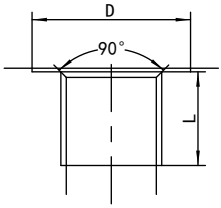
Schematic Diagram



View



Port

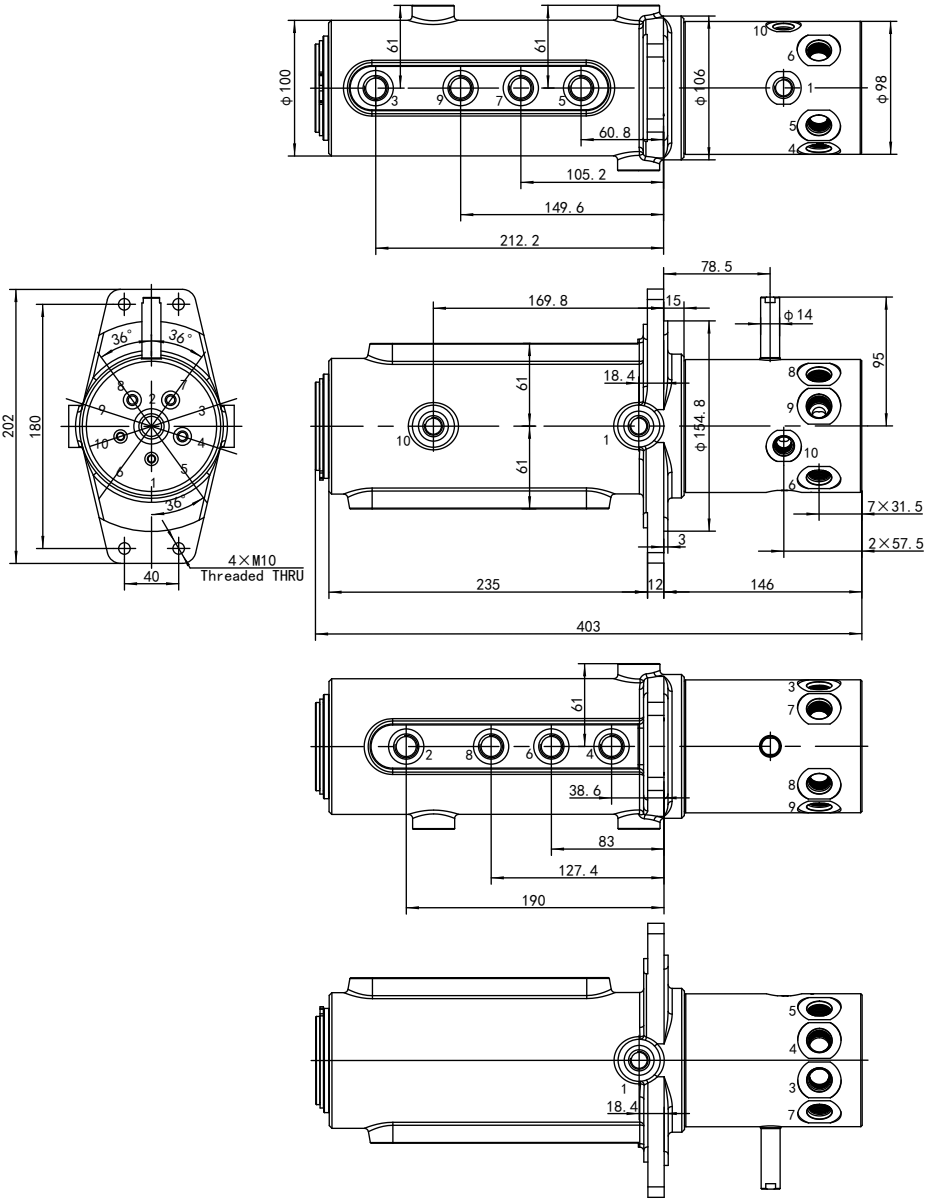


Technical Parameters

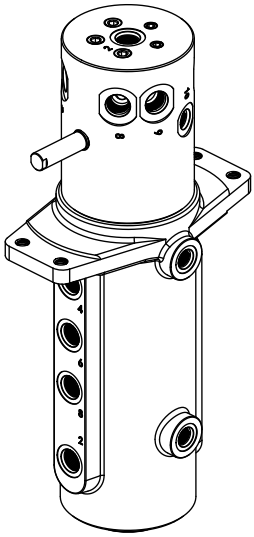
Parameter \ Type	YHZ–10–11
Oil Port Thread	Rc1/4　L=16
Port Dimensions	ISO 7-1
Max.Flow	25L/min(A.B.E.F.H.J)&30L/min(C.D.G.I)
Max.Pressure	32MPa(A.B.C.D.E.F.G.H.I)&0.3MPa(J)
NO.of Rotational Channels	10
Starting Torque	≤180N.m
Rotational Torque	≤140N.m
Rotational Speed	≤15r/min
Weight	11.5kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

YHZ–10–12

Outline Drawing



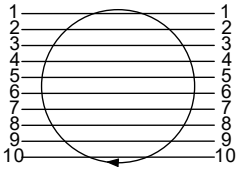
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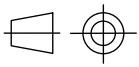
Technical Parameters

Parameter \ Type	YHZ–10–12
Oil Port Thread	G3/8 D1=26 L=13 D2=18.6 L2=2.7(2～9)
Oil Port Thread	G1/4 D1=22 L=13 D2=15.6 L2=2.7(1.10)
Port Dimensions	JIS B 2351
Max.Flow	60L/min(2～9)&30L/min(1.10)
Max.Pressure	38MPa(2～9)&6MPa(10)&1MPa(1)
Diameter	8mm(1.10)&10mm(2～9)
NO.of Rotational Channels	10
Starting Torque	≤150N.m
Rotational Torque	≤100N.m
Rotational Speed	≤15r/min
Weight	21.6kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

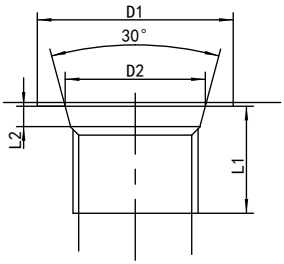
Schematic Diagram



View



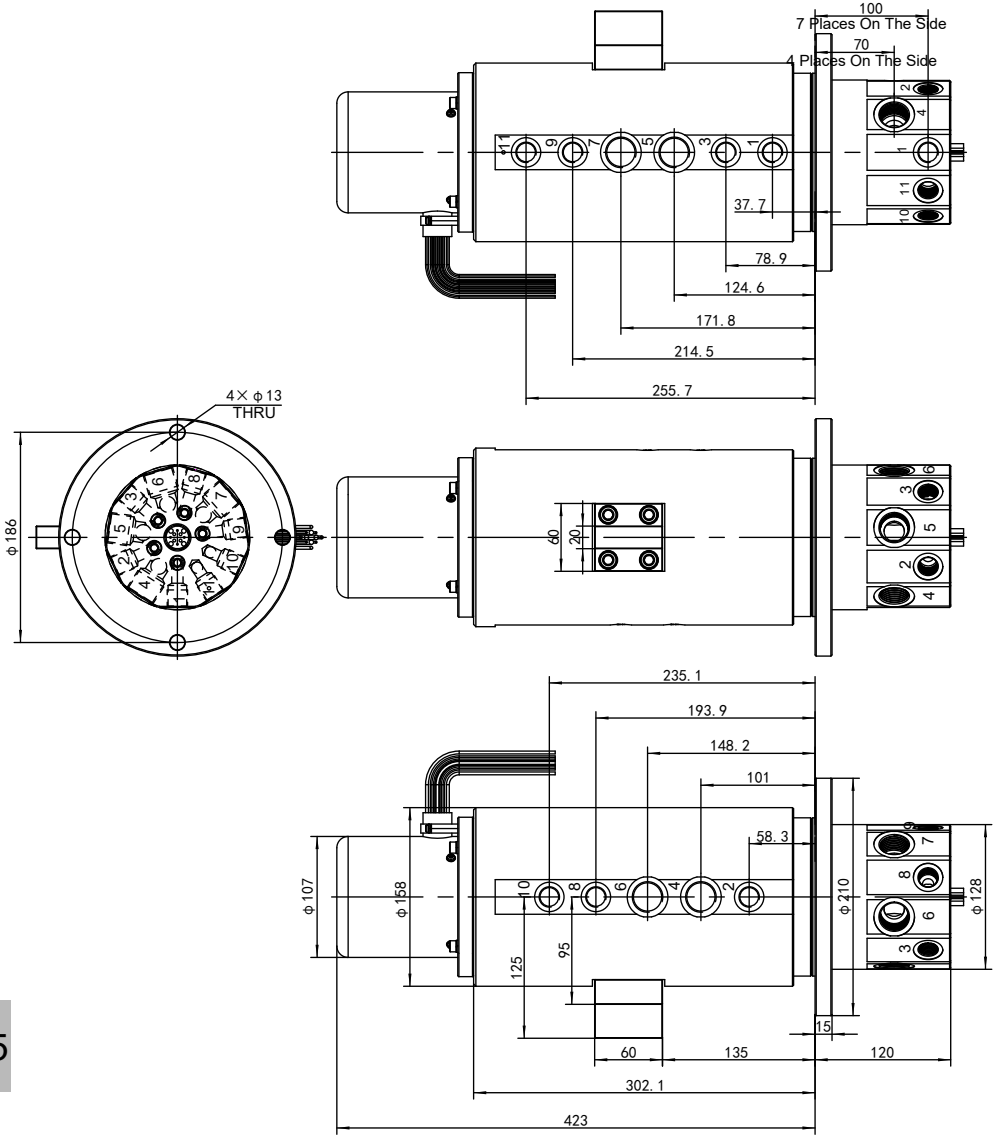
Port

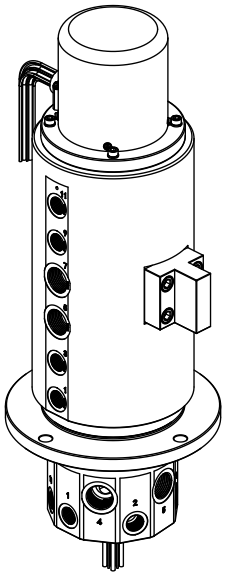


05

YHZ–11–1SR12

Outline Drawing

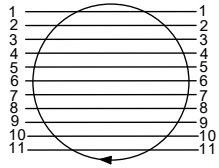




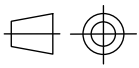
Technical Parameters

Parameter \ Type	YHZ–11–1SR12
Oil Port Thread	M18×1.5 D=26 L=15(1.2.3.8.9.10.11)
Oil Port Thread	M27×2 D=36 L=17(4～7)
Port Dimensions	ISO 9974-1
Max.Flow	40L/min(1.2.3.8.9.10.11)&120L/min(4～7)
Max.Pressure	25MPa
Diameter	8mm&10mm
NO.of Rotational Channels	11
Starting Torque	≤200N.m
Rotational Torque	≤150N.m
Rotational Speed	≤15r/min
Weight	52.4Kg
Operating Temperature	-30～100℃
Working Medium	Mineral Oil(HL，HLP DIN51524)
Particulate Contamination LVL	NAS 1638 9&ISO 4406 20/18/15
Surface Rust-proof	Spray Painting

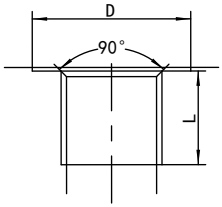
Schematic Diagram



View



Port



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