

JTC THREADED-BODY SINGLE
ACTING HYDRAULIC CYLINDERS



- Maximum working pressure is 500kgf/c m²
- Action mode: hydraulic ejection, internal spring on the rod side always enters.

FEATURE

Bore(mm)		12	16	20	25
Stroke(mm)		10	12	15	16
Output (kgf) (working pressure)	100kgf/cm ²	110	200	310	490
	500kgf/cm ²	570	1010	1570	2460
Min. spring return(kg)		2.8	5	7.8	12.3
Volume (cm ³)		1.13	2.41	4.71	7.85
Min. working pressure(kgf/c m ²)		10			
Fluid		Mineral oil ISO-VG32			

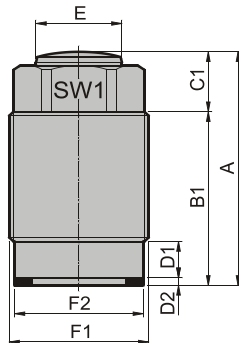
ORDER INDICATION

JTC	25	A		1	
Series	Bore	End rod type		Cylinder type	
Threaded-body single acting hydraulic cylinders	12:12mm	A: Round	B: Internal thread	1: SW1 small hexagon (standard)	2: SW2 big hexagon
	16:16mm				
	20:20mm				
	25:25mm				

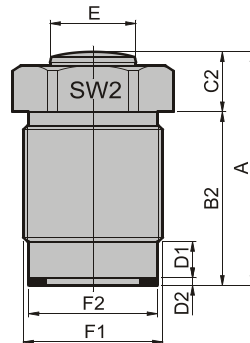
EXTERNAL DIMENSIONS

■ A End rod- round

● A-1 Small hexagon

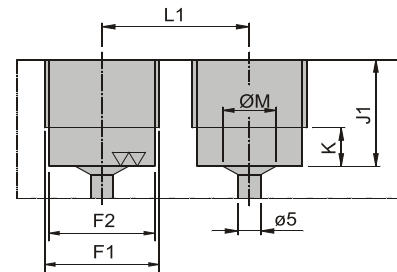


● A-2 Big hexagon



● Base size

● SW Small hexagon



Tie-rod
Hydraulic
Cylinder

Mold
Hydraulic
Cylinders

Swivel &
Clamp
Hydraulic
Cylinders

Booster
Cylinders
&
Unclamping
cylinders

ISO
Specifications
Cylinders

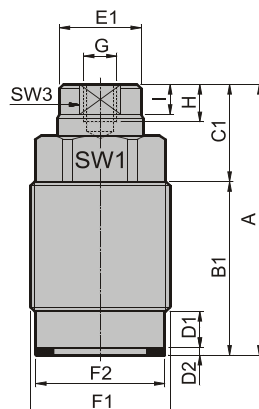
Round
Hydraulic
Cylinders

Specific
Hydraulic
Cylinders

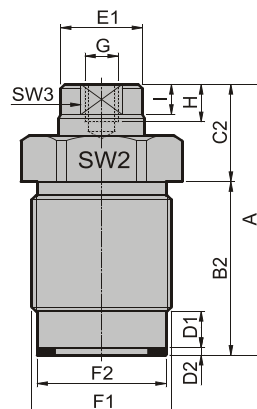
Systems
&
Fittings

■ B End rod- Internal thread

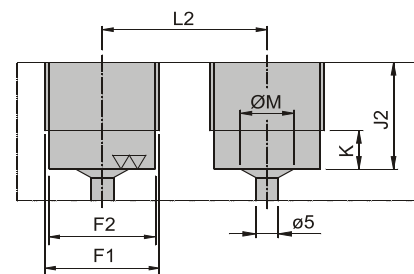
● B-1 Small hexagon



● B-2 Big hexagon



● SW2 Big hexagon



Symbol	Bore	A	B1	B2	C1	C2	D1	D2	E	F1	F2	G	H	I
A	12	38.5	29.5	26.5	9	12	7	1.5	12	M22 × 1.5	20	—	—	—
	16	47	34.5	34.5	12.5	12.5	8	1.5	16	M26 × 1.5	24	—	—	—
	20	56.5	42.5	42.5	14	14	8	1.5	20	M30 × 1.5	28	—	—	—
	25	60	45	45	15	15	11	2	25	M38 × 1.5	36	—	—	—
B	12	45.5	29.5	26.5	16	19	7	1.5	11	M22 × 1.5	20	M6x1.0	7	5.5
	16	53	34.5	34.5	18.5	18.5	8	1.5	15	M26 × 1.5	24	M6x1.0	7	5.5
	20	66	42.5	42.5	23.5	23.5	8	1.5	19	M30 × 1.5	28	M8x1.25	9	6
	25	69	45	45	24	24	11	2	23	M38 × 1.5	36	M8x1.25	9	7

Symbol	Bore	J1		J2		K	L1	L2	M		SW1	SW2	SW3
		Min	Max	Min	Max	Max	Min	Min	Min	Max			
A	12	16.5	26.5	16.5	25	8	25	31	9	12	18	24	—
	16	20.5	31	20.5	33	9	30	34	12	16	22	27	—
	20	24.5	39.5	24.5	42	9	35	40	14	20	26	32	—
	25	28.5	42	28.5	44.5	11	43	52	18	25	33	41	—
B	12	16.5	26.5	16.5	25	8	25	31	9	12	18	24	10
	16	20.5	31	20.5	33	9	30	34	12	16	22	27	13
	20	24.5	39.5	24.5	42	9	35	40	14	20	26	32	17
	25	28.5	42	28.5	44.5	11	43	52	18	25	33	41	19

JHSP HIGH PRESSURE
SUPPORT CLAMPING CYLINDERS



- Maximum working pressure is 500kgf/c m²
- End rod diameter: 25, 32, 40mm
- End rod type: A- always discharge; B- always enter
- Cylinder type: SD- basic, MF- flange

FEATURE

Series	JHSP25A	JHSP25B
Bore(mm)	25	
Stroke(mm)	12	
Min. working pressure(kgf/c m ²)	100	
Working force	Min： 3kg.	Min： 5kg.
Output (500kgf/cm ²)	2000kgf	

ORDER INDICATION

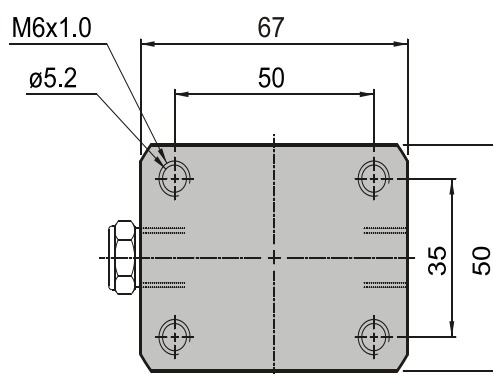
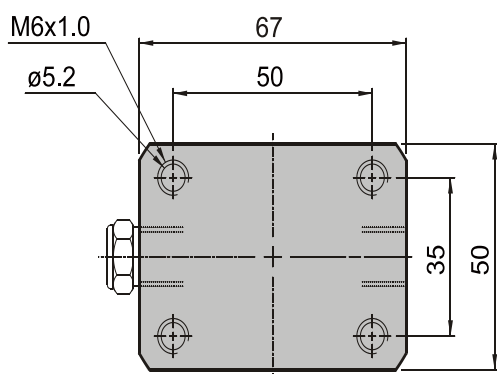
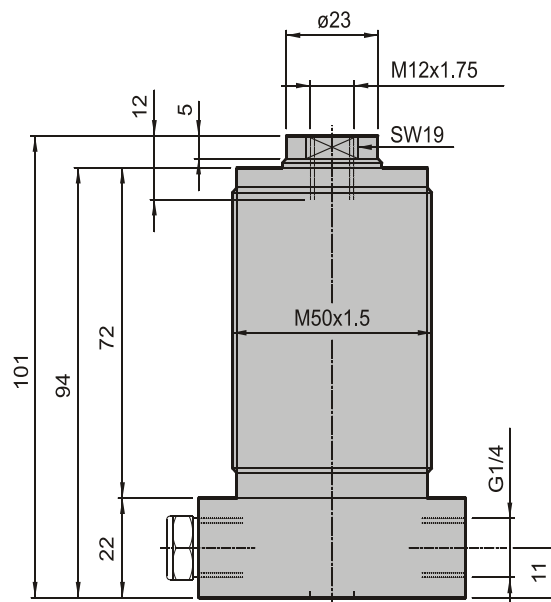
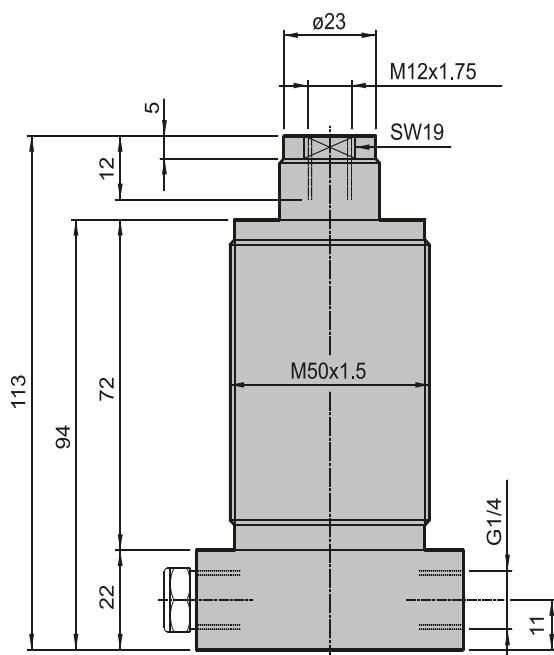
JHSP	25	A	SD
Series	Bore	End rod type	Cylinder type
High pressure support clamping cylinders	25:25mm	A:Always discharge	SD:Basic
	32:32mm	B:Always enter	MF:Flange
	40:40mm		

EXTERNAL DIMENSIONS

■ SD Basic

● 25A Always discharge

● 25B Always enter



Tie-rod
Hydraulic
Cylinder

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Swivel &
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Booster
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&
Unclamping
cylinders

ISO
Specifications
Cylinders

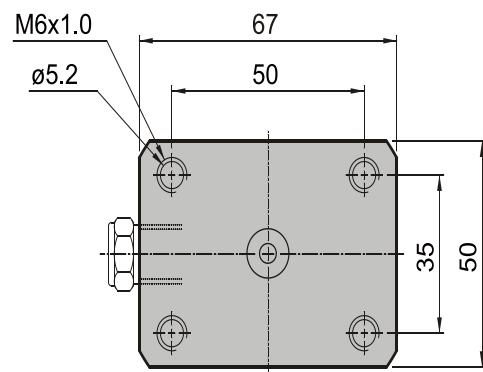
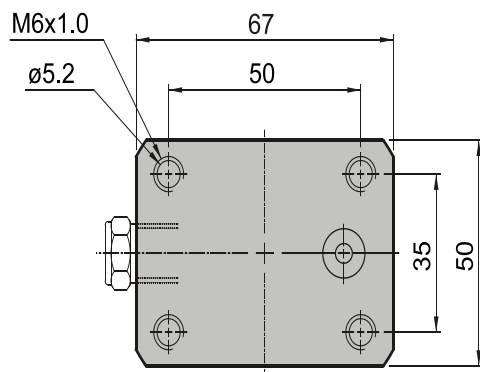
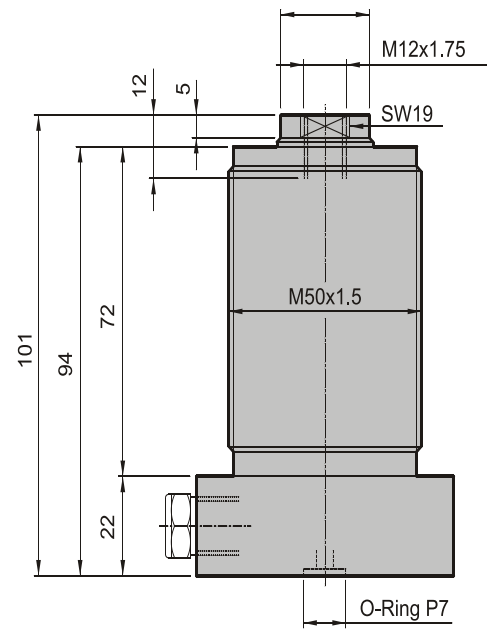
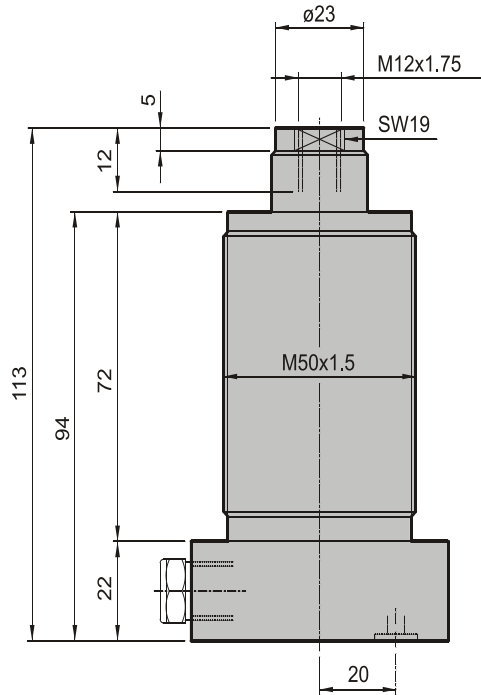
Round
Hydraulic
Cylinders

Specific
Hydraulic
Cylinders

Systems
&
Fittings

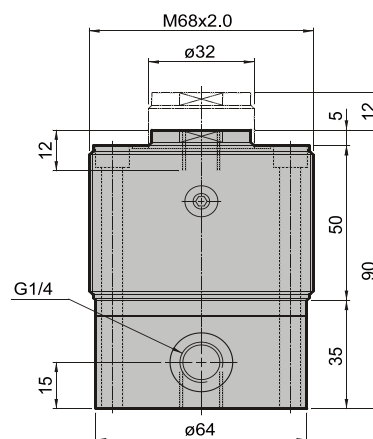
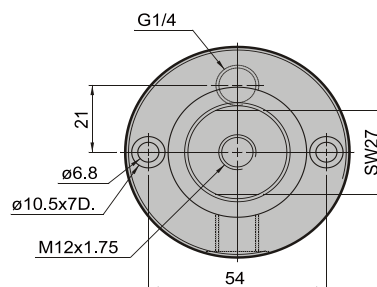
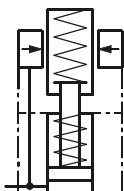
EXTERNAL DIMENSIONS

- MF Flange
- 25A Always discharge
- 25B Always enter

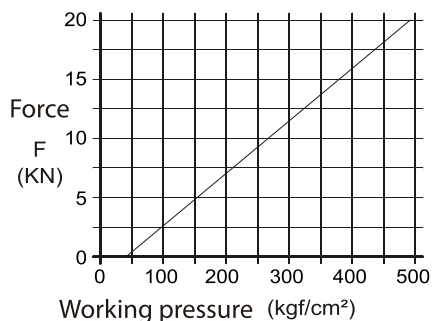


EXTERNAL DIMENSIONS

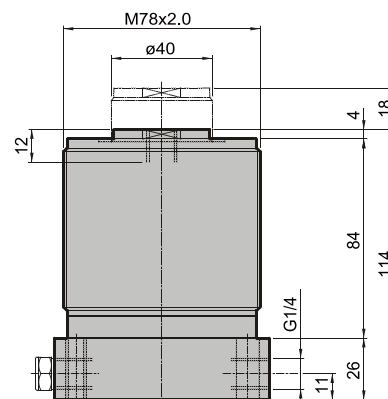
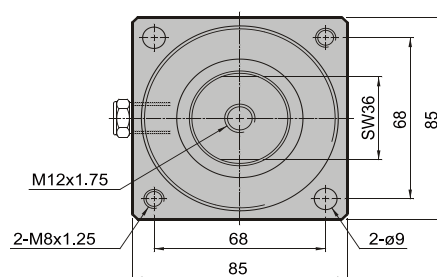
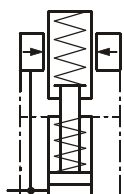
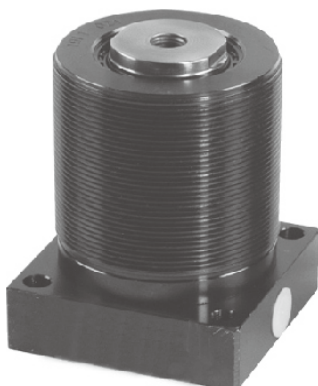
- 32B-SD Basic(max.stroke 12mm)



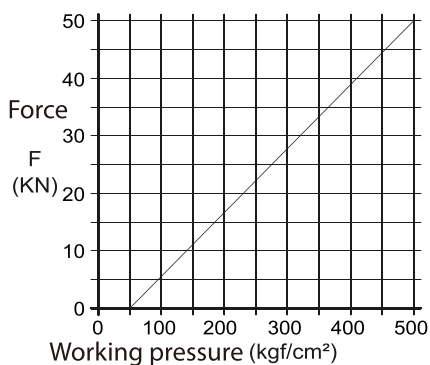
- Working pressure & force



- 40B-SD Basic(max.stroke 18mm)



- Working pressure & force



Tie-rod Hydraulic Cylinder

Mold Hydraulic Cylinders

Swivel & Clamp Hydraulic Cylinders

Booster Cylinders & Unclamping cylinders

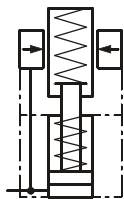
ISO Specifications Cylinders

Round Hydraulic Cylinders

Specific Hydraulic Cylinders

Systems & Fittings

JLSP LOW PRESSURE
SUPPORT CLAMPING CYLINDERS

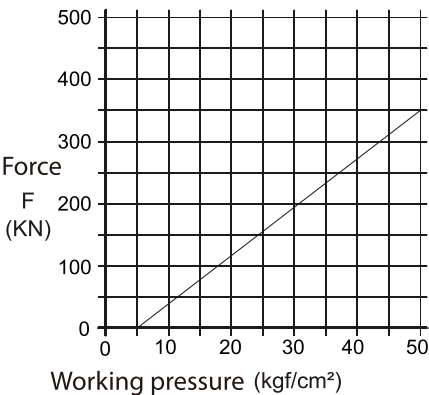


- Maximum working pressure is 70kgf/c m²
- End rod diameter: 16mm
- End rod type: always enter
- Cylinder type: SD- basic, MF- flange

ORDER INDICATION

JLSP	16	A	SD
Series	Bore	End rod type	Cylinder type
Low pressure support clamping cylinders	16:16mm	Always discharge	SD:Basic MF:Flange

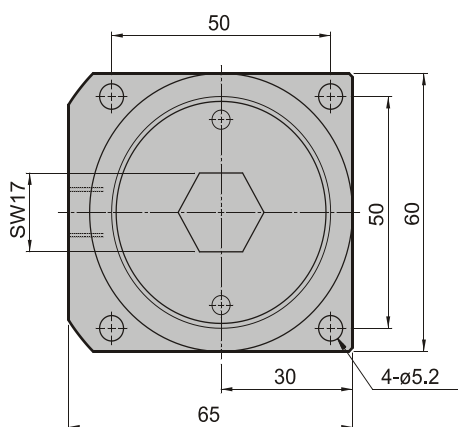
- Working pressure & force



EXTERNAL DIMENSIONS

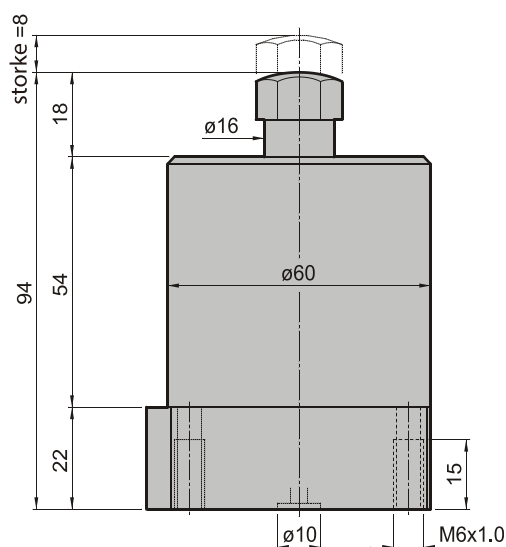
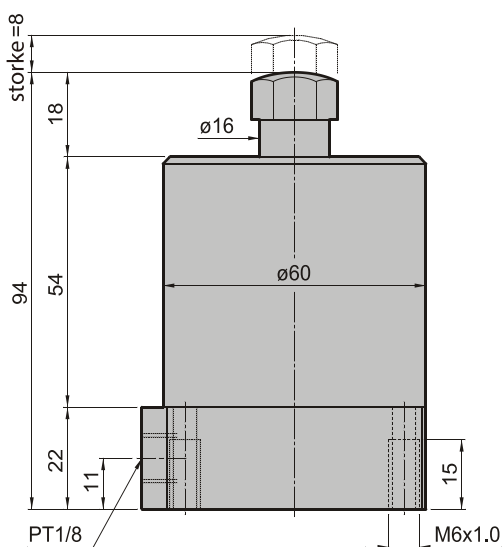
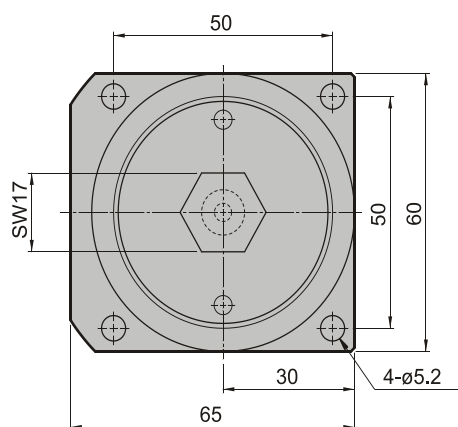
■ SD Basic

- 16A Always discharge



■ MF Flange

- 16A Always enter



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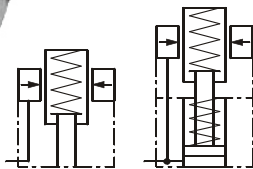
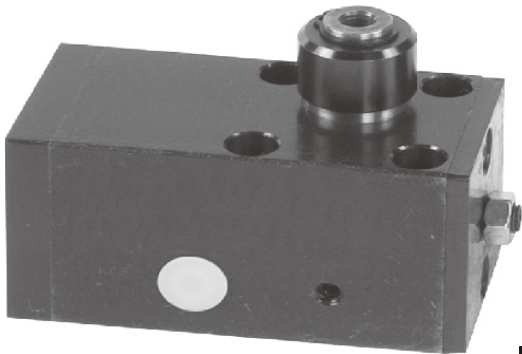
ISO
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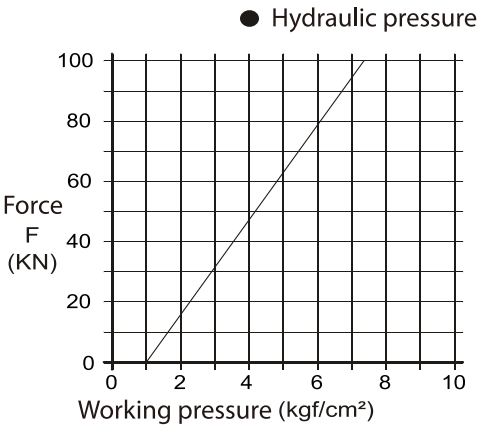
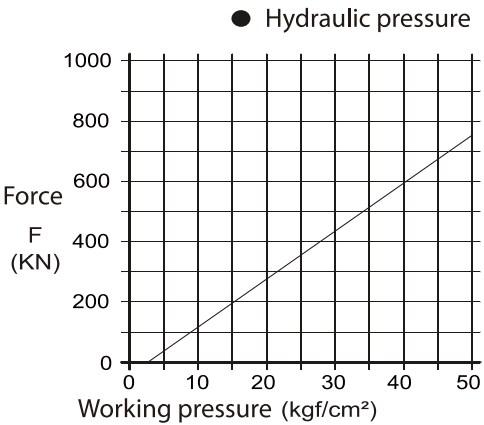
Systems
&
Fittings

JSP-AH AIR-HYDRAULIC
SUPPORT CLAMPING CYLINDERS



FEATURE

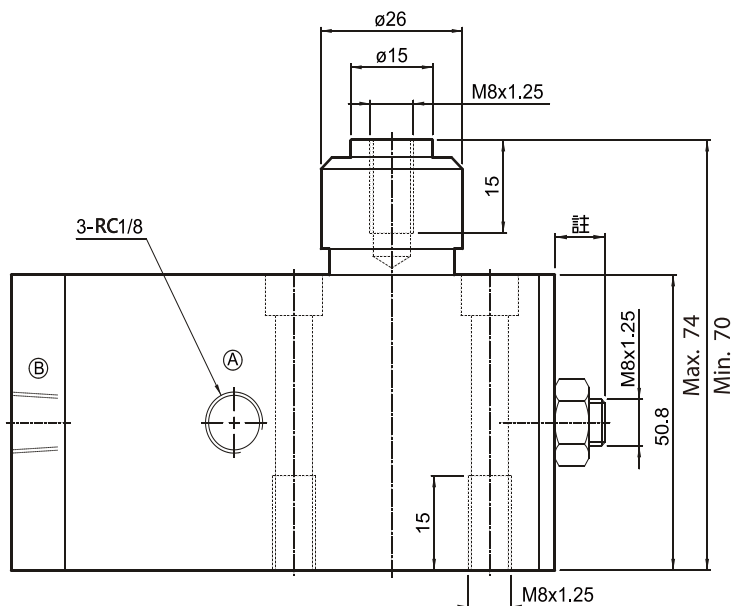
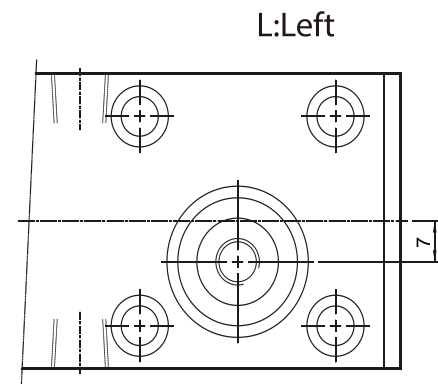
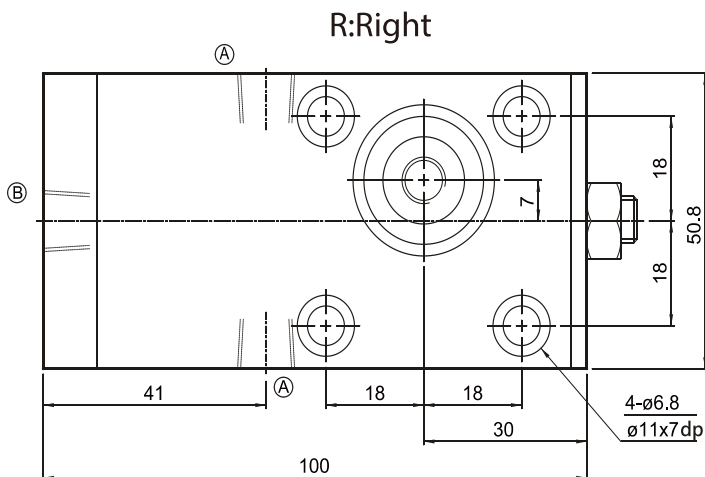
- Working pressure & force



ORDER INDICATION

JSP	AH	A	R	A
Series	Air-hydraulic type	Bore	End rod type	Cylinder type
Air-hydraulic support clamping cylinders		18:18mm	R:Right L:Left	A:Spring ejection B:Hydraulic ejection

EXTERNAL DIMENSIONS



Note* With A, B type adjustment screw

Ⓐ: Spring ejection- adjust inwards

Ⓑ: Hydraulic ejection- adjust outwards

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