



HPJ 100 H 15

Features & benefits ↓

- Compact
- Usable in all positions
- Protected against ejection of the plunger
- Protected against overpressure

Standard supplied with ↓

- High Flow female coupler with pressure relief valve A 418

Available on request ↓

- Cylinders manufactured in conformity with customer specifications
- Collar thread

Accessories ↓

- Pulling eyes and clevis eyes (to be ordered separately, 2 pieces per cylinder)
- Protection spring (to be ordered separately)

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Pulling cylinders - Hydraulic return

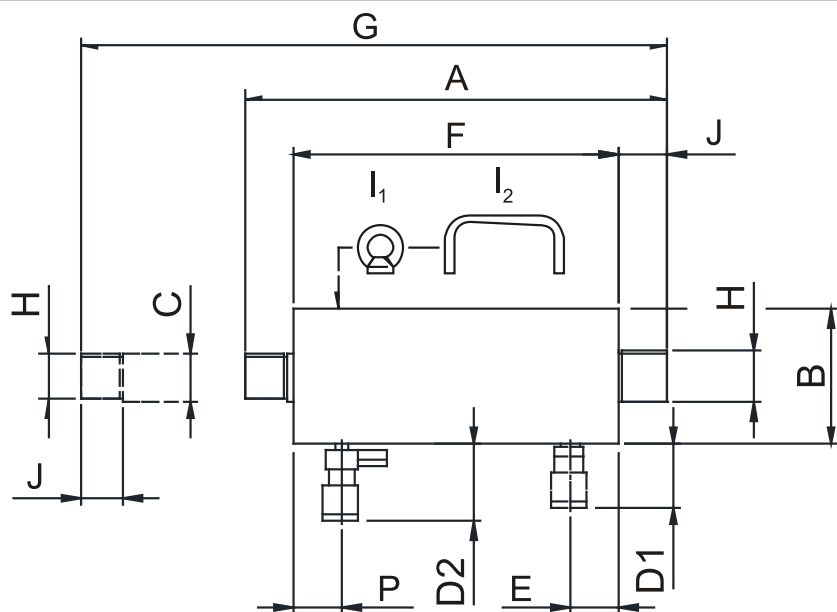


model	HPJ 100 H 15	
art no	100.122.042	
max. working pressure	bar/Mpa	720 / 72
tonnage	t	100
stroke	mm	150
capacity (press)	kN/t	1271.9 / 129.7
capacity (retract)	kN/t	953.7 / 97.3
effective pressure area (press)	cm ²	176.7
effective pressure area (retract)	cm ²	132.5
required oil content (press)	cc	2651
required oil content (retract)	cc	1988
connection	A 118	
cylinder type	pulling	
acting type	double	
return type	hydraulic	
material	steel	
weight, ready for use	kg	75.0

Pulling cylinders - Hydraulic return (dimensions)



model	HPJ 100 H 15	
dimension A	mm	462
dimension B	mm	210
dimension C	mm	75
dimension D1	mm	70
dimension D2	mm	85
dimension E	mm	57
dimension F	mm	310
dimension G	mm	612
dimension H	threadsize	M72x2
dimension J	mm	60
dimension P	mm	57
I type	I ₁	





HPJ 11 S 15

Features & benefits



- Made of milled steel
- Chemical blacked coating

Additional information



- To be ordered separately, 2 pieces per cylinder

Pulling cylinders - Pulling eyes

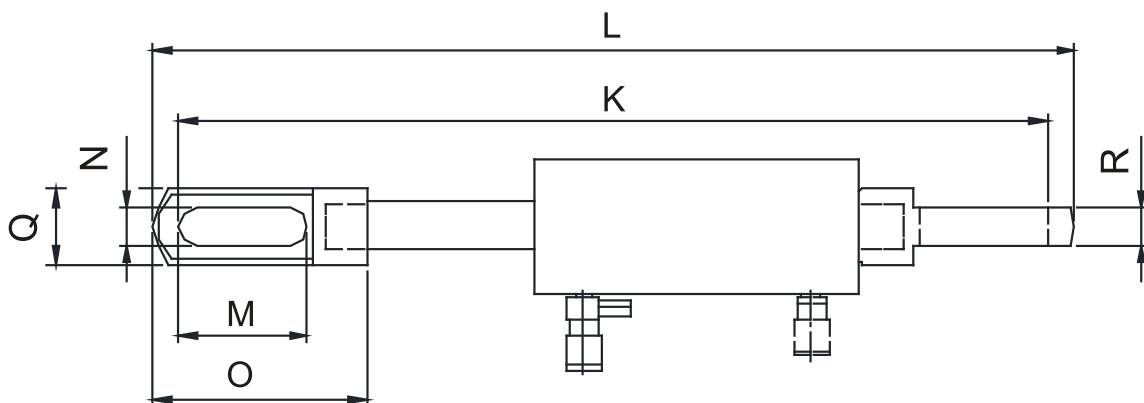


model	HPJ 11 S 15	HPJ 30 S 15	HPJ 60 S 15	HPJ 100 H 15
art no	100.181.051	100.181.051	100.181.052	100.181.053

Pulling cylinders - Pulling eyes (dimensions)



model		HPJ 11 S 15	HPJ 30 S 15	HPJ 60 S 15	HPJ 100 H 15
dimension K	mm	760	890	1000	1012
dimension L	mm	810	940	1080	1132
dimension M	mm	120	120	150	200
dimension N	mm	35	35	45	45
dimension O	mm	200	200	260	320
dimension Q	mm	70	70	115	135
dimension R	mm	35	35	40	50





HPJ 11 S 15

Features & benefits



- Made of milled steel
- Complete with pin and quick lock ring
- Specially suitable for use with slings

Additional information



- To be ordered separately, 2 pieces per cylinder

Pulling cylinders - Clevis eyes

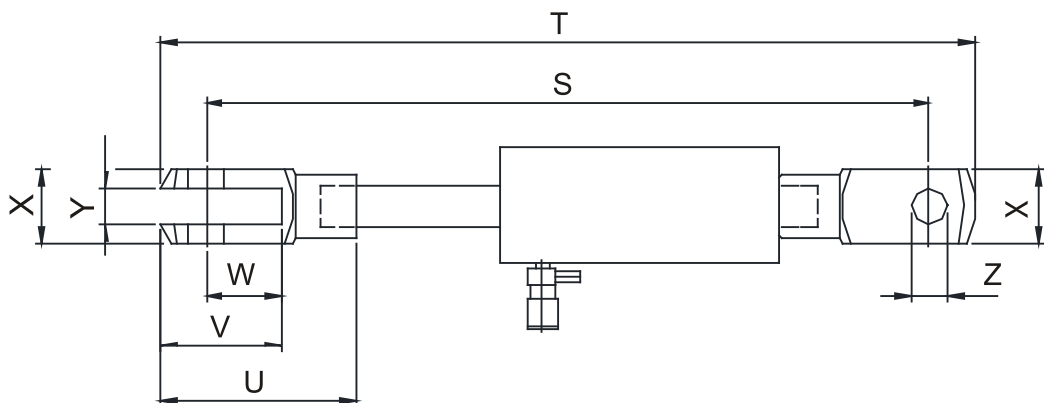


model	HPJ 11 S 15	HPJ 30 S 15
art no	100.181.056	100.181.057

Pulling cylinders - Clevis eyes (dimensions)



model	HPJ 11 S 15	HPJ 30 S 15
dimension S	mm 650	828
dimension T	mm 730	916
dimension U	mm 160	188
dimension V	mm 100	116
dimension W	mm 60	72
dimension X	mm 60	70
dimension Y	mm 30	36
dimension Z	mm 30	35





HPJ 11/30 S 15

Features & benefits



- Protects the plunger against dirt and welding spots

Additional information



- To be ordered separately

Pulling cylinders - Protection springs



model	HPJ 11/30 S 15	HPJ 60 S 15	HPJ 100 H 15
art no	100.581.160	100.581.161	100.581.162