



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 - Spring Return


model	HPJ 11 S 15	HPJ 30 S 15	HPJ 60 S 15
art no	100.131.001	100.131.011	100.131.021
max. working pressure	bar/Mpa 720 / 72	720 / 72	720 / 72
tonnage	t 11	30	60
stroke	mm 150	150	150
capacity	kN/t 113 / 11.5	298.7 / 30.5	610.4 / 62.2
effective pressure area	cm ² 15.7	41.5	84.8
required oil content (effective)	cc 236	623	1272
connection	A 118	A 118	A 118
cylinder type	pulling	pulling	pulling
acting type	single	single	single
return type	spring	spring	spring
material	steel	steel	steel
weight, ready for use	kg 11.5	26.0	45.0

Pulling Cylinders - Spring Return (dimensions)


model	HPJ 11 S 15	HPJ 30 S 15	HPJ 60 S 15
dimension A	mm 320	470	530
dimension B	mm 92	118	157
dimension C	mm 40	40	60
dimension D2	mm 85	85	85
dimension F	mm 250	380	400
dimension G	mm 470	620	680
dimension H	threadsize M38x1.5	M38x1.5	M54x1.5
dimension J	mm 30	40	60
dimension P	mm 38	44	52

