



Features & benefits ↓

- Compact
- Lightweight
- Usable in all positions
- Protected against ejection of the plunger
- Screw-on saddle
 - Prevents damage to the plunger
 - Easy to replace
- Standard fixing thread
 - On plunger head
 - On cylinder housing
 - In cylinder bottom
 - Designed for maximum cylinder load

Standard supplied with ↓

- High Flow female coupler A 118
- Flat saddle

Available on request ↓

- Cylinders manufactured in conformity with customer specifications

Additional information ↓

ATTENTION: Consult the user manual before fitting cylinder accessories to these cylinders. The maximum working pressure and total construction length is restricted when using cylinder accessories!

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Screw-on saddle



Standard fixing thread

Construction Cylinders - Hydraulic Return


model	HCJ 10 H 15	HCJ 25 H 15	HCJ 25 H 25
art no	100.122.066	100.122.067	100.122.068
max. working pressure	bar/Mpa 720 / 72	720 / 72	720 / 72
tonnage	t 10	25	25
stroke	mm 150	150	250
closed height	mm 338	350	450
capacity	kN/t 99.3 / 10.1	238.9 / 24.4	238.9 / 24.4
effective pressure area (press)	cm ² 13.8	33.2	33.2
effective pressure area (retract)	cm ² 6.8	17.3	17.3
required oil content (press)	cc 207	498	829
required oil content (retract)	cc 102	260	432
connection	A 118	A 118	A 118
cylinder type	construction	construction	construction
acting type	double	double	double
return type	hydraulic	hydraulic	hydraulic
material	steel	steel	steel
weight, ready for use	kg 6.1	12.7	18.2

Construction Cylinders - Hydraulic Return (dimensions)


model	HCJ 10 H 15	HCJ 25 H 15	HCJ 25 H 25
dimension A	mm 338	350	450
dimension B	mm 60	85	85
dimension C	mm 30	45	45
dimension D1	mm 70	70	70
dimension D2	mm 85	85	85
dimension E	mm 40	56	56
dimension F	mm 287	297	397
dimension J	threadsize M60 x 2	M85 x 2	M85 x 2
dimension K	mm 30	40	40
dimension L	threadsize 1¼" NPT	2" NPT	2" NPT
dimension M	threadsize 1¼" NPT	2" NPT	2" NPT
dimension N	mm 27	27	27
dimension P	mm 48	60	60
I type			I ₂

