



**Features & benefits** ↓

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

**Standard supplied with** ↓

- High Flow female coupler A 118
- HFJ 10/30 G 4 contains a 30 cm connecting hose with anti-kink spring
- HJ 20/50 G 11 contains a flat saddle

**Available on request** ↓

- Cylinders manufactured in conformity with customer specifications
- Base mounting holes

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Protected against ejection of the plunger



**Telescopic cylinders - Gravity return**


model		HFJ 10/30 G 4	HJ 20/50 G 11
art no		100.111.005	100.112.103
max. working pressure	bar/Mpa	720 / 72	720 / 72
tonnage	t	10	20
stroke	mm	41	111
stroke 1st plunger	mm	21	56
stroke 2nd plunger	mm	20	55
closed height	mm	49	140
capacity 1st plunger	kN/t	318 / 32.4	510 / 52
capacity 2nd plunger	kN/t	99.7 / 10.2	203.5 / 20.8
effective pressure area 1st plunger	cm <sup>2</sup>	44.2	70.8
effective pressure area 2nd plunger	cm <sup>2</sup>	13.9	28.3
required oil content (effective)	cc	118	554
connection		A 118	A 118
hose		yes	
cylinder type		telescopic	telescopic
acting type		single	single
return type		gravity	gravity
material		steel	steel
weight, ready for use	kg	4.5	12.5

**Telescopic cylinders - Gravity return (dimensions)**


model		HFJ 10/30 G 4	HJ 20/50 G 11
dimension A	mm	49	140
dimension B	mm	120	125
dimension C1	mm	60	80
dimension C2	mm	30	45
dimension D	mm	385	70
dimension E	mm		70
dimension F	mm		131

