

Technical specification sheet

HGC 100 S 5 | Multi Purpose Cylinder

Specifications		
article number		100.112.257
short description		Multi Purpose Cylinder
model		HGC 100 S 5
max. working pressure	bar/MPa	720 / 72
tonnage	t	100
stroke	mm	50
closed height	mm	218
capacity	kN/t	1031 / 105.1
effective pressure area	cm ²	143.1
required oil content (effective)	cc	716
connection		A 118
cylinder type		multi purpose
acting type		single
return type		spring
material		steel
weight, ready for use	kg	35.3
ASME		B30.1

Technical drawing dimensions		
dimension A	mm	218
dimension B	mm	175
dimension C1	mm	117
dimension C2	mm	72
dimension D	mm	80
dimension E	mm	30
dimension F	mm	210
dimension G	mm	10
dimension J	threadsize	6 7/8"-12-UN
dimension K	mm	57
dimension L	mm	80
dimension M	mm	10
dimension N	mm	146
dimension O	threadsize	M12x24 (4x)
dimension T	mm	125
dimension U	mm	54
angle A1	°	45

Standard supplied with	
• Collar thread and base mounting holes • Internal plunger thread on all models to 50 tons • High flow female coupler A118 • Flat saddle	

