

Data sheet

G8X \varnothing 140/90x760 Pitch Cylinder



Technical data

Pressure		
Design pressure:	300 Bar	25 MPa
Working pressure:	250 Bar	25 MPa
Test pressure:	375 Bar	37.5 MPa
Dimensions		
	mm	Inch
Bore size:	ø140	ø5.51
Rod size:	ø90	ø3.54
Stroke:	760	29.92
Retracted length:	1406	55.35
Extended length:	2166	85.28
Weight	200 kg	440.9 LBS
Port connections		Flange or Thread
Port extending:		SAE6000
Port retracting:		3/4" BSPP
Drain port:		1/4" BSPP
Drain lines between secondary and primary rod seals must be connected to tank because due to the risk of high pressure, whereas the drain lines between secondary and wiper may be connected to oil reservoir.		
Fluid		
Recommended Hydraulic fluid:		Mineral oil VG32-46 ISO 12944-2
Temperature range:	-20 °C +75 °C	-4 °F +167 °F
Oil cleanliness level:		15/13/10 ISO 4406
Corrosion and coating		
Seal kit:		Heavy duty, wear resistant PEHD/PTFE
Rod coating:		Heavy Duty Induction hardened 25 µ Hard Chrome
Corrosion class:	C3-High	C4-M Available
Color	RaI5003	Blue
Trunnion		Heavy Duty, Surface Hardened Trunnion Bushing
Order number		
HWP-Item no.		8212445