

Data sheet

V80/V90 Pitch Cylinder

MK1 – MK7



Technical data

Pressure		
Design pressure:	300 Bar	30 MPa
Working pressure:	250 Bar	25 MPa
Test pressure:	375 Bar	37.5 MPa
Dimensions	mm	Inch
Bore size:	ø125	ø4.92
Rod size:	ø80	ø3.15
Stroke:	760	29.92
Retracted length:	1300	51.18
Extended length:	2060	81.10
Weight	140 kg	308.65 LBS
Port connections		Flange or Thread
Port extending:		SAE6000
Port retracting:		3/4" BSPP
Drain port:		1/4" BSPP
Drainlines between secondary and primary rod seals must be connected to tank because due to the risk of high pressure, whereas the drainlines 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	
Color	Ral5003	Blue
Trunnion	Heavy Duty, Surface Hardened Trunnion Bushing	
Models available		HWP-item no.
HWP-Item no.		8212414