

Data sheet

V82 Pitch Cylinder



From massive **scale** to critical **detail**

Technical data

Pressure		
Design pressure:	280 Bar	28 MPa
Working pressure:	280 Bar	28 MPa
Test pressure:	420 Bar	42 MPa
Dimensions	mm	Inch
Bore size:	ø125	ø4.9
Rod size:	Ø90	ø3.5
Stroke:	884	34.8
Retracted length:	1311	51.6
Extended length:	2195	86.4
Weight	196,5 kg	433.2 LBS
Port connections	Flange or Thread	
Port extending:	1 ¼" 6000 PSI	
Port retracting:	1 ¼" 6000 PSI	
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 +80 °C	-4 °F +176 °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	Ral7035	Light grey
Trunnion	Without bushing	
Models available	HWP-item no.	
HWP-Item no.	20010412	