



# PUNE ENERGY CONTROL DEVICES PVT. LTD.



MECHANICAL FILTRATION SYSTEM

Model Decoding

1	2	3	4	5	6	7	8	9
MFS	0	A	2	X	1	B	010	1X

- 1 Oil Filtration Trolley : MFS
- 2 Standard : 0 Duplex : 00
- 3 Seal : A : NBR B : Viton
- 4 Flow : 1 : 50 LPM at 1440 RPM 2 : 100 LPM at 1440 RPM
- 5 Electric Motor : X : 1.5 Kw, 1440 RPM, Y : 2 Kw, 1440 RPM,
- 6 Filter Size : 1 : 7" 2 : 9"
- 7 Filter Material : B : Polyester A : Nylon
- 8 Filtration Rating : 010  $\mu$ m 025  $\mu$ m 50  $\mu$ m 100  $\mu$ m
- 9 Design : 1X The latest version is always supplied



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## Technical Specifications

Type of Pump	Gear Pump
Max. Flow rate	50 LPM & 100 LPM
Operating Pressure	4 to 5 Bar
Permiss. Suction Pressure	-0.4 bar..... +0.6 bar
Viscosity Range	15 to 220 mm <sup>2</sup> /sec
Permiss. Operating Fluid	Mineral Oil (Other fluid on request)
Fluid Temp.	25.....60° C
Ambient Temp	25.....40° C
Seal	NBR
Length Of Electric Cable	6 Mtrs.
Length Of Hose	3 Mtrs
Hose Connection	To suit 1" / 1" BSP connection

Hydraulic Circuit

