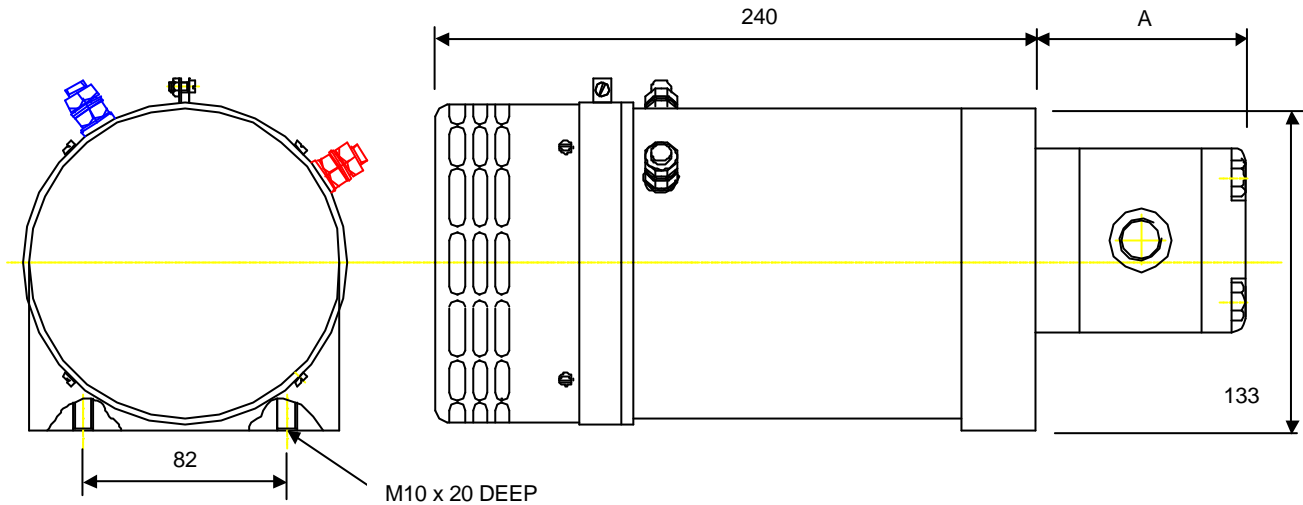


DC Pump Motor Units – 3kW 24VDC



Description

The DC Pump motor unit offers a 3kW 24VDC Fan Cooled Motor coupled with a range of Group 1 Pumps from 1cc to 8.8 cc/rev. Flows up to 35 lpm and pressures up to 250 bar can be achieved. The strong fan cooled motor ensures that the S1 and S2 ratings of these units are as high as possible.

Available Types

DC Motor	3kW Fan-cooled 24V DC
Gear Pump	Group 1 with displacements of 1.0; 1.25; 1.6; 2; 2.5; 3.15; 3.65; 4.2; 5; 5.7; 6.1; 7.8; 8.8 cc/rev
Controls	Switches are available with IP54 ratings or IP66

Technical data

Max Flow	35 LPM
Max Continuous Pressure	See chart
Max Peak Pressure	See chart
Ambient Temperature	-15 to +50°C
Oil Temperature	-15 to +70°C
IP Rating	IP54 (others on request)
Supply voltage	24VDC
Recommended Oil	Hydraulic Mineral Oil ISO 6743/4 DIN 51519 Viscosity ISO3448
Permissible contamination	17/14 ISO 4406 class
Standard Connection	Pressure (1) = 3/8" BSP Suction (2) = 3/8" BSP

Dimensions

Pump	Dim A	Cont, P (bar)	Max P (bar)
1	81	250	310
1.25	82	250	310
1.6	8.6	250	310
2	85.2	250	310
2.5	87.2	250	310
3.15	89.8	250	310
3.65	91.9	250	310
4.2	94.1	250	310
5	97.1	250	300
5.7	100	225	280
6.1	101.7	200	250
7.8	106	200	240
8.8	110	180	225