

CD150M PUMP UNIT HUSH PACK

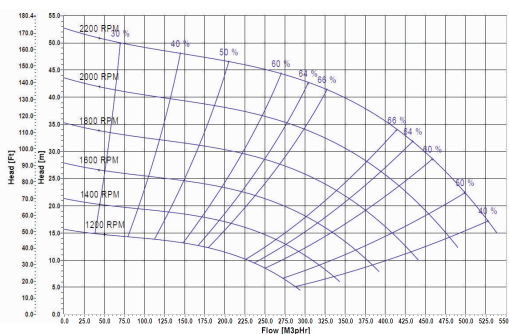
Technical Data Sheet

Pump Casing / Separation Tank	Impeller	Wear Plates	Shaft	Engine Adaptor	NRV Body	Ball and Seat	Mechanical Seal	Pump End Bearing	Drive End Bearing	Priming Method
Cast Iron to BS 1452 Grade 220	Cast Steel BS3100 1976GRBW 4 Hardened to 200 HB Brinell	Cast Iron to BS 1452 Grade 220	Nickel Chrome Steel to BS 970 Grade M40 EN24T	Cast Iron to BS 1452 Grade 220	Cast Iron	High Nitrile Rubber	Silicon Carbide vs Silicon Carbide	Taper Roller	Taper Roller	Air compressor / Dri-Prime System

TECHNICAL SPECIFICATION

Suction:	6" (150mm) table 'D'	Maximum Operating Temperature:	80 °C
Discharge:	6" (150mm) table 'D'	Maximum Working Pressure (bar):	4
Maximum Capacity (m ³ /hr):	459	Maximum Suction Pressure (bar):	2
Maximum Head (m):	35	Maximum Test Pressure (bar):	6
Maximum Solids Handling (mm):	65	Maximum Operating Speed (rpm):	2200
Impeller Type:	Fully Open	Normal Operating Speed (rpm):	1500
Number of Blades:	3	Minimum Operating Speed (rpm):	1200
Maximum Impeller Diameter (mm):	280	Standard compressor absorbs (kW):	3

PUMP PERFORMANCE CURVE



WEIGHTS & DIMENSIONS

Dry Weight (kg):	1570
Gross Weight (kg):	1810
Length (mm):	2650
Width (mm):	1200
Height (mm):	1780

DIESEL SET - PERFORMANCE

65kw @ 2200rpm

Total Delivery Head					
Total Suction Head - Meters	9	18	27	37	43
3.0	459	440	383	273	164
4.6	451	434	366	246	123
6.1	383	350	306	219	41
7.6	301	284	251	142	-
Impeller Dia: 275 mm					

Performance data provided in tables is based on water tests at sea level and 20 deg c ambient.

Running Period:	15 Hours
Fuel Tank Capacity:	294 Litres

