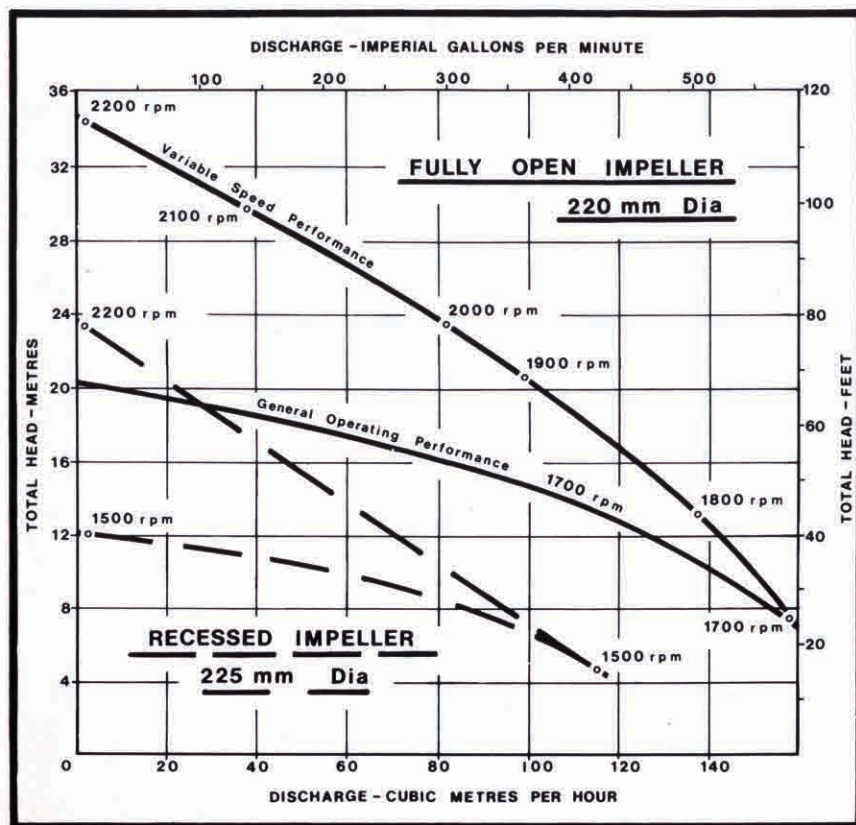


CD100M Performance Curve



Performance Table

Diesel Set - Lister TS2 13.8 h.p. 1700 r.p.m.
Impeller Diameter - 220 m/m

Total Suction Head - Feet	Total Delivery Head - Feet				
	10	20	30	40	50
	Output	GPM			
10	600	535	455	365	230
15	570	495	415	300	100
20	535	470	365	230	
25	410	330	225	110	

MANOMETRIC or TOTAL Heads are given in the rating tables and curves based on water tests at sea level and 20°C.

For maximum flows larger diameter pipes may be required.

Dimensions in m.m — Dry Weight — Kilos

	Site Trolley			
	Length	Width	Height	Weight
100CD/Lister TS2	1320	1014	1330	570
100CD/Hatz 2L30C	1440	1014	1425	735

Technical Notes:

Maximum operating speed:
2200 r.p.m.

Maximum operating temperature:
+ 100°C

Maximum working pressure:
3.45 bar (50.0 p.s.i.)

Maximum suction pressure:
2 bar (29.0 p.s.i.)

Maximum casing pressure:
5.2 bar (75 p.s.i.)

Fuel tank capacity:
73.1 litres (16 gallons)

Pipe connections:
4" BS10 table 'D'

Material Specifications:

Pump casing, suction cover, separation tank and wearplates:
Cast iron BS1452, 1977, Grade 220

Impeller:
Cast steel BS3100. Spec. BS1976
Grade BW4

Shaft sleeve and shaft:
Mild steel BS970, 1955, Grade 080M40

N.R.V. Body:
Silicon aluminium BS1490,
Grade LM25WP

N.R.V. Ball and Seat:
High nitrile rubber

Mechanical Seal Faces:
Solid silicon carbide

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