



EBARA

Looking ahead,
going beyond expectations

Ahead  *Beyond*

Japanese Technology since 1912

Submersible Sewage Pumps

Model **DF**



www.ebara.com.au

DF - Submersible Sewage Pumps

Specifications

- Maximum solids handling: 40 mm (Ø65 model)
46 mm (Ø80 models)
- Maximum liquid temperature: 40 °C
- Maximum submergence: 8 m

Materials

- Casing, impeller & suction cover: Cast Iron
- Shaft : 403 Stainless Steel
- Fasteners: 304 Stainless Steel
- Mechanical seal:

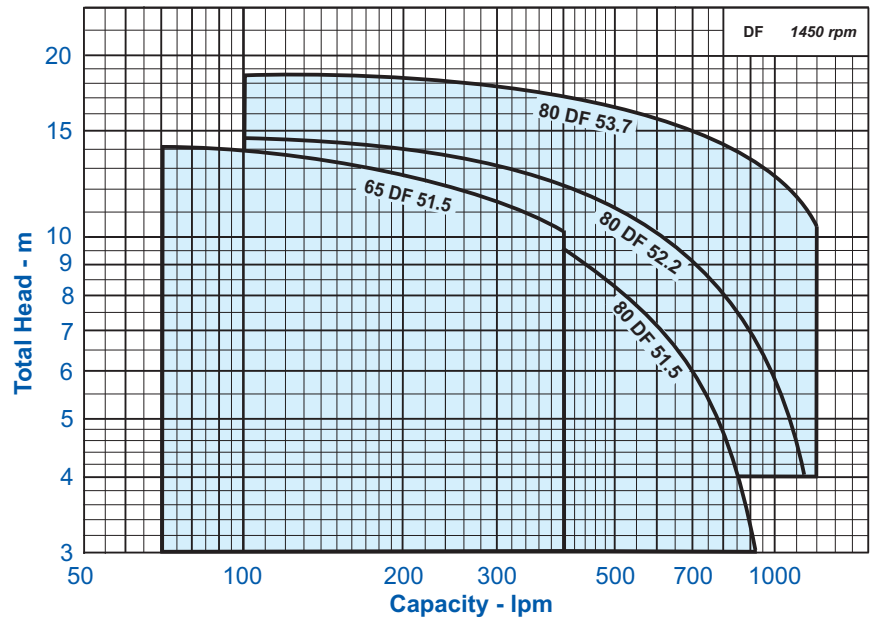
Double mechanical seal
in oil lubricated chamber,
Silicon Carbide lower faces,
Carbon/Ceramic upper faces.

Motor Data

- Air filled, dry submersible, 4 pole motor
- Insulation class F, IP68 protection
- 3 phase, 400 Volt, 50 Hz
- In built overload protection

Scope

- 10 m of cable
- Discharge elbow with companion flange
- Optional Quick Discharge Connectors available



Pump Model	Motor Output	Discharge Ø mm	Full Load Current 400 V, 3 Ph.	Capacity - lpm									
				200	300	400	500	600	800	1000	1200	Total Head - m	
65 DF 51.5	1.5 kW	65 mm	3.9 A	12.6	11.4	10.0	8.5						
80 DF 51.5	1.5 kW	80 mm	3.9 A			9.3	8.2	7.1	4.7				
80 DF 52.2	2.2 kW	80 mm	5.2 A			12.0	11.0	10.0	7.8	5.7			
80 DF 53.7	3.7 kW	80 mm	8.3 A			17.0	16.3	15.6	14.0	12.6	10.4		

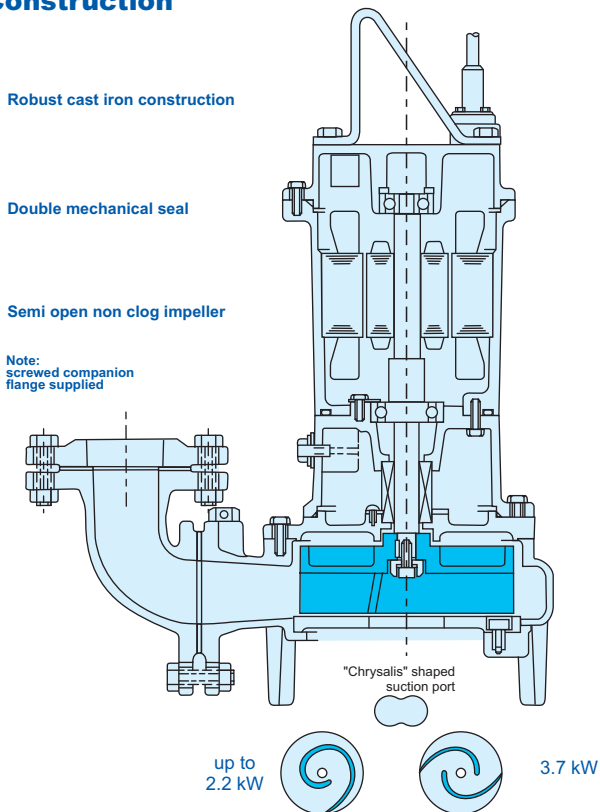
Typical Construction

Robust cast iron construction

Double mechanical seal

Semi open non clog impeller

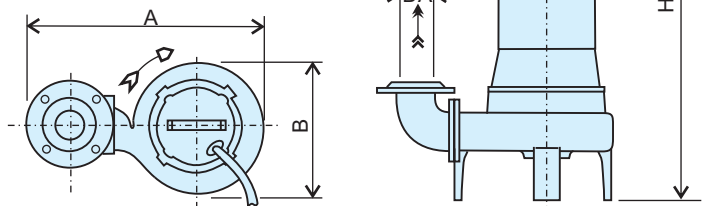
Note:
screwed companion
flange supplied



Model Code

80 DF 53.7
 Motor output (kW)
 Frequency (5 = 50 Hz)
 Model
 Discharge size (mm)

Basic Dimensions



Size DA	Pump Model	Output kW	Dimensions			Weight kg
			A	B	H	
65	65 DF 51.5	1.5	497	291	576	52
	80 DF 51.5	1.5	524	292	597	55
80	80 DF 52.2	2.2	542	308	654	67
	80 DF 53.7	3.7	567	328	687	75

Dimensions in mm.

Dealer



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