



EBARA

Looking ahead,
going beyond expectations

Ahead  *Beyond*

Japanese Technology since 1912

Submersible Sump Pumps

Model **DS**



DS - Submersible Sump Pumps

Specifications

- Maximum solids handling: refer to table*
- Maximum liquid temperature: 40 °C
- Maximum submergence: 8 m

Materials

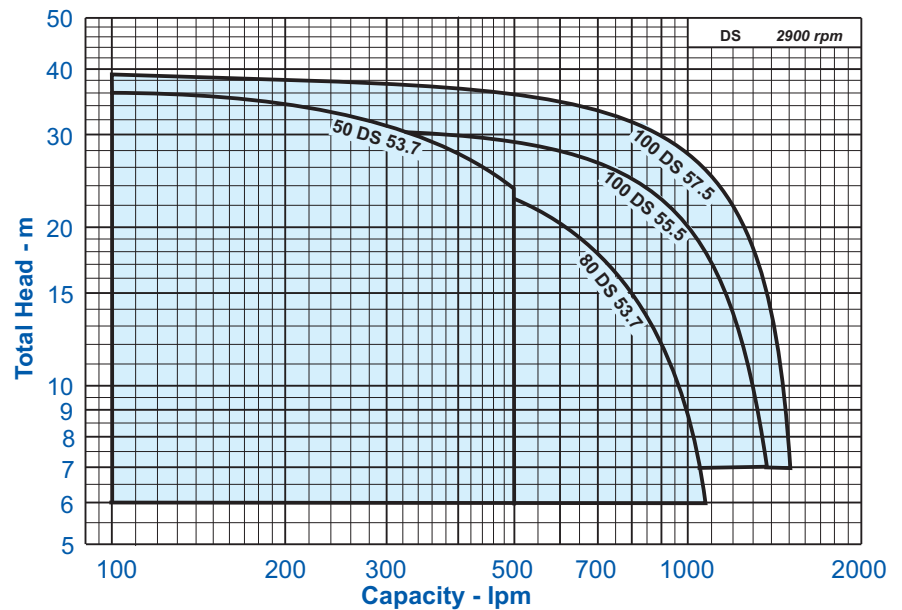
- Casing, impeller & suction cover: Cast Iron
- Casing ring: 304 Stainless Steel
- Shaft : 403 Stainless Steel
- Fasteners: 304 Stainless Steel
- Mechanical seal: Double mechanical seal in oil lubricated chamber, Silicon Carbide lower faces, Carbon/Ceramic upper faces.

Motor Data

- Air filled, dry submersible, 2 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 screwed companion flange
- Optional Quick Discharge Connectors available

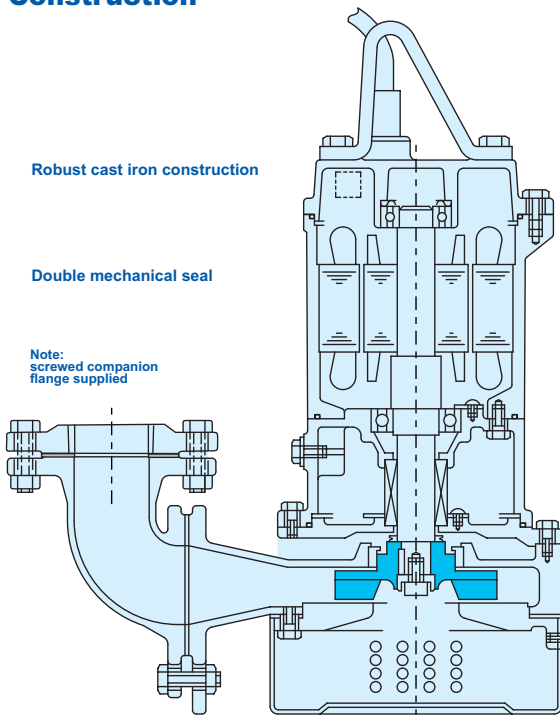


*Maximum solids handling:

Model	Ø	50	80	100
Foreign matter Diameter (mm)		5	7	8

Pump Model	Motor Output	Discharge Ø mm	Full Load Current 400 V, 3 Ph.	Capacity - lpm									
				110	250	500	700	800	1000	1100	1350	1500	
				Total Head - m									
50 DS 53.7	3.7 kW	50 mm	7.8 A	36.0	33.0	23.4	13.0						
80 DS 53.7	3.7 kW	80 mm	7.8 A		26.0	22.9	17.7	14.8	8.2				
100 DS 55.5	5.5 kW	100 mm	10.8 A			29.0	26.2	24.3	20.0	17.0	7.0		
100 DS 57.5	7.5 kW	100 mm	14.3 A			36.0	33.3	31.8	27.2	24.5	15.0	7.0	

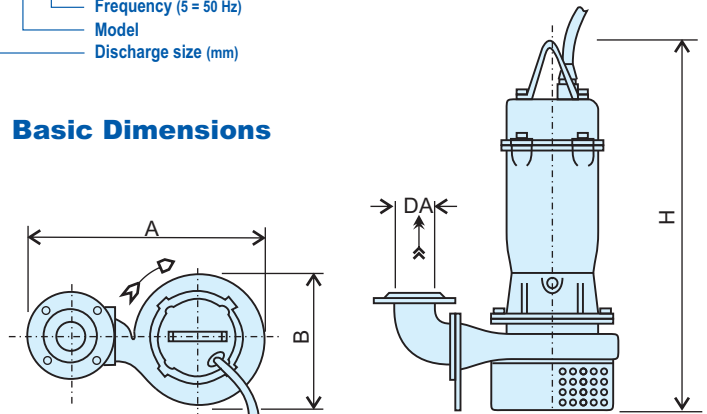
Typical Construction



Model Code

100 DS 55.5
 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	
50	50 DS 53.7	3.7	433	245	619	61
80	80 DS 53.7	3.7	503	268	625	64
100	100 DS 55.5	5.5	615	309	730	92
	100 DS 57.5	7.5	615	309	730	104

Dimensions in mm.

Specifications subject to change without notice

Dealer



EBARA PUMPS AUSTRALIA PTY. LTD

1 Jackstaff Court
 Bayswater North, Vic. 3153
 Ph: 03 9761 3033

ACN 090 963 572
 ABN 81 090 963 572

sales.epa@ebara.com

www.ebara.com.au