



EBARA

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Ahead  *Beyond*

Japanese Technology since 1912

Submersible Sewage Pumps (with single channel impeller)

Model DML



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DML - Submersible Sewage Pumps (with single channel impeller)

Specifications

- Maximum solids handling: 76 mm
- Maximum liquid temperature: 40 °C
- Maximum submergence: 8 m

Materials

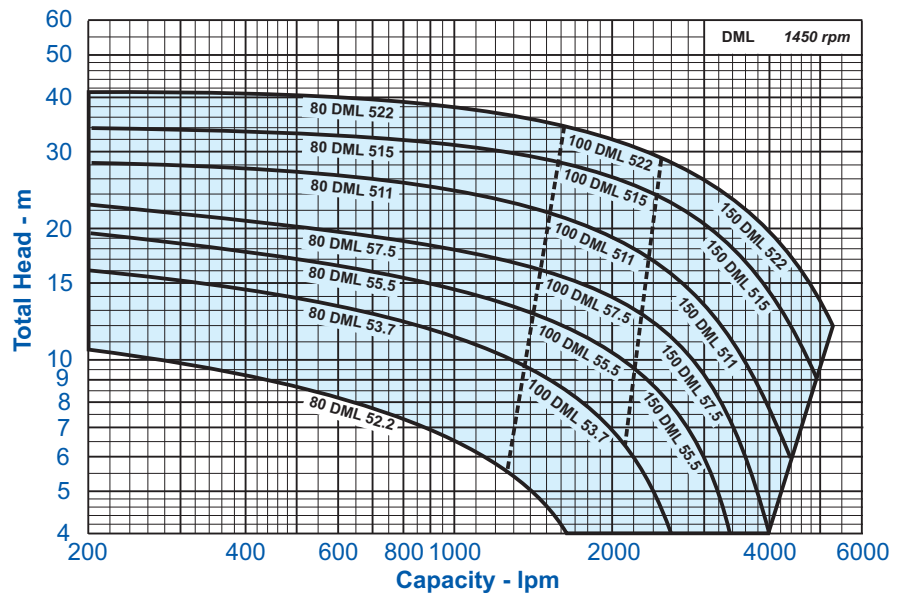
- Casing, impeller & motor frame: Cast Iron
- Wear ring: Bronze
- Shaft : 403 Stainless Steel
- Fasteners: 304 Stainless Steel
- Mechanical seal: Double mechanical seal in oil lubricated chamber, Silicon Carbide lower faces, Carbon/Ceramic upper faces.

Motor Data

- Air filled, dry submersible, 4 pole motor
- Y-ΔStar-Delta Starting (DOL for 2.2 kW only)
- Insulation class F, IP68 protection
- 3 phase, 400 Volt, 50 Hz

Scope

- 10 m of cable(s)
- Discharge elbow with companion flange (80 & 100 mm screwed, 150 mm weld on)
- Optional Quick Discharge Connectors available



Pump Model	Motor Output	## Discharge Ø mm	Full Load Current 400 V, 3 Ph	Capacity - lpm											
				600	1200	1700	2400	2700	3000	3500	4000	4400	5000	5360	
				Total Head - m											
80 DML 52.2	2.2 kW	80 mm	5.2 A	8.2	5.6	3.6									
80, 100 DML 53.7	3.7 kW	80 or 100 mm	8.4 A	12.8	10.4	8.1	4.9	3.6							
80, 100, 150 DML 55.5	5.5 kW	80, 100 or 150 mm	12.6 A		14.0	11.5	8.8	7.1	5.8	3.5					
80, 100, 150 DML 57.5	7.5 kW	80, 100 or 150 mm	16.9 A		16.8	14.8	12.0	10.7	9.3	6.8	4.0				
80, 100, 150 DML 511	11.0 kW	80, 100 or 150 mm	23.8 A		23.6	20.8	16.8	15.0	13.3	10.8	8.2	6.4			
80, 100, 150 DML 515	15.0 kW	80, 100 or 150 mm	30.0 A		29.6	27.1	23.6	21.9	20.3	17.3	14.5	12.2	8.8		
80, 100, 150 DML 522	22.0 kW	80, 100 or 150 mm	42.0 A		36.1	33.5	29.8	27.9	26.0	22.8	19.4	17.4	14.0	12.0	

Typical Construction

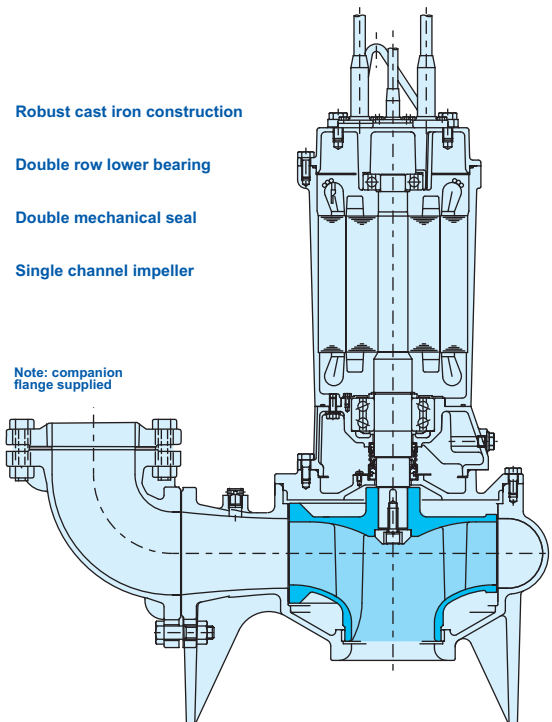
Robust cast iron construction

Double row lower bearing

Double mechanical seal

Single channel impeller

Note: companion flange supplied

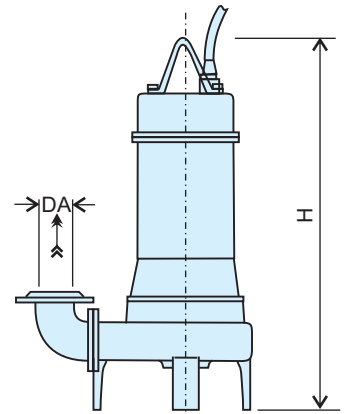
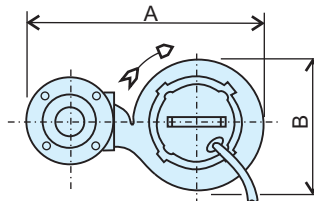


Model Code

100 DML 57.5

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

Basic Dimensions



Size DA	Pump Model	A			B	H	Weight (kg)		
		800	1000	1500			800	1000	1500
80 or 100 or 150	80 DML 52.2	534	-	-	320	668	87	-	-
	80,100 DML 53.7	534	577	-	320	727	87	89	-
	80,100,150 DML 55.5	640	653	713	381	824	118	121	127
	80,100,150 DML 57.5	640	653	713	381	824	123	125	132
	80,100,150 DML 511	734	746	806	455	938	157	160	166
	80,100,150 DML 515	734	746	806	455	938	163	166	172
	80,100,150 DML 522	777	790	850	497	1021	223	226	232

Dimensions in mm.

Discharge size is determined by the elbow supplied with the pump.

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