

Issue	: 2002-11
Check	: NL
Date	: 30-11-2002
Source	: P1014 Eng 02/02 - 3000

WEDA PUMP TECHNICAL DATA SHEET

		RL2010	RL2030	RL4140	RL4150	RL4060	RL6070	RL6090	RL8010
Pump									
Connection diameter	inch mm.	2" (50)	3" or 4" (80 or 100)	3" or 4" (80 or 100)	4" or 3" (100 or 80)	4" or 3" (100 or 80)	6" or 4" (150 or 100)	6" or 4" (150 or 100)	10" (255)
Connection for Hose/BSP/NPT		yes/yes/yes	yes/yes/yes	yes/yes/yes	yes/yes/yes	yes/yes/yes	yes/yes/yes	yes/yes/yes	yes/yes/yes
Max total head	mtr. ft.	15.1 (51)	14.5 (48)	20.5 (67)	14 (46)	30 (98)	35 (115)	45 (148)	42.5 (139)
Max. Capacity	l/min m3/hr.	600 (36)	1500 (90)	1610 (96)	3000 (180)	3400 (204)	4700 (282)	6300 (378)	19000 (1140)
Suitable for media with pH.		5 ~ 8	5 ~ 8	5 ~ 8	5 ~ 8	5 ~ 8	5 ~ 8	5 ~ 8	5 ~ 8
Max. water temperature		40°C-104°F	40°C-104°F	40°C-104°F	40°C-104°F	40°C-104°F	40°C-104°F	40°C-104°F	40°C-104°F
Max. submersible depth	mtr. ft.	20 (65.6)	20 (65.6)	20 (65.6)	20 (65.6)	20 (65.6)	20 (65.6)	20 (65.6)	20 (65.6)
Max. size solid particles	mm. inch	4 (0.15)	9 (0.35)	9 (0.35)	6 (0.23)	6 (0.23)	7 (0.27)	7 (0.27)	12 (0.47)
Available options									
Other impeller versions I									
Total head:	mtr. ft.	no	23.5 (77)	no	27 (88)	no	no	no	no
Max. capacity	l/min m3/hr.		800 (48)		1200 (72)				
Other impeller versions II									
Total head:	mtr. ft.	no	no	no	43 (141)	52 (172)	80 (262)	85 (279)	no
Max. capacity	l/min m3/hr.				1050 (63)	650 (39)	1000 (60)	1750 (105)	
Level Float Switch		yes	yes	yes	no	no	no	no	no
NVB elec. level control		no	no	no	yes	yes	yes	yes	yes
Zinc anodes (anti-corrosion protection)		yes	yes	yes	yes	yes	yes	yes	yes
Floor level band		yes	yes	yes	no	no	no	no	no
Aluminium floor suction piece (2 mm!)		yes	no	no	no	no	no	no	no
Stainless steel strainer		no	no	no	no	no	yes	yes	Galvanised steel
Electrical									
Build-in starter, contactor and motor protect		yes	yes	yes	yes	yes	yes	yes	yes
Time relay for delayed start		no	no	no	no	no	yes (option)	standard	no
Star/Delta starter		no	no	no	no	no	yes (option)	yes (option)	starterbox with or without D/S
Overcurrent relay		no	no	no	yes (option)	yes (option)	yes (option)	standard	no
Motor									
Nominal shaft power	kW. (hp.)	1.0 (1.34)	2.0 (2.7)	3.0 (4.0)	4.7-(6.3) L/H Head 5.4-(7.2) High Head	7.5 (10)	11.8 (15.8)	26.5 (35.5)	54 (72.4)
Rated elec. Power	kW. (hp.)	1.4 (1.87)	3.0 (4.0)	3.6 (4.8)	6.3-(8.4) L/H Head 7.3-(9.8) High Head	9.8 (13.1)	14.5 (19.4)	32.0 (43.0)	63 (84.5)
Speed (r.p.m.)		2990	2990	2990	2990	2990	2990	2990	1450
Stator Insulation Class		F 155°C-311°F	F 155°C-311°F	F 155°C-311°F	F 155°C-311°F	F 155°C-311°F	F 155°C-311°F	F 155°C-311°F	F 155°C-311°F
Motor Protection temp.		130°C	130°C	130°C	130°C	130°C	130°C	130°C	130°C
Overall Dimensions									
Dia. x w x h (mm)		Ø183 x 217x380	Low Head Ø217 x 310x475 Medium Head Ø217 x 310x500	Ø317 x 310x475	Ø277 x 330x708	Low Head Ø277 x 330x760 Medium Head Ø312x 330x810	Ø360 x 410x915	Ø410 x 452x1080	Ø600 x 600x1435
Dia. x w x h (inch)		Ø7.2 x 8.5x15	Low Head Ø8.5 x 12.2x18.7 Medium Head Ø8.5 x 12.2x19.7	Ø8.5 x 12.2x18.7	Ø10.9 x 13x27.9	Low Head Ø10.9x 13x30 Medium Head Ø12.2x 13x32	Ø14.1 x 16.1x36	Ø16.1 x 17.8x42.5	Ø23.6 x 23.6x56.5
Weight excl. cable	Kg. (lbs)	12.5 (27.5)	20 (44.1)	25 (55)	55-(121) Low/Med Head 63-(139) For 4156-57	55-(121) Low/Med Head 63-(139) For 4066-67	95 (210)	180 (397)	510 (1125)