

INDUSTRIAL VALVE AND ENGINEERING SUPPLIES (Pty) Ltd. / VEMCO (Pty) Ltd

VAT REG NO: 4280104276 CO REG NO 83/05965/07

VAT REG NO: 4200211854 CO REG NO 1979/002851/07



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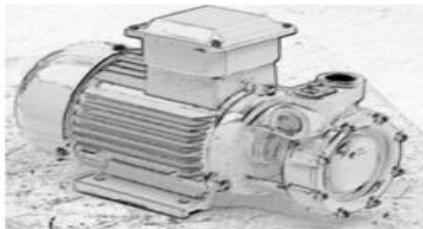
TGMT2.2

BOILER FEEDWATER PUMP



APPLICATION

For non-aggressive, non explosive, without suspended solids, for clean liquids without abrasives for the pump materials.



SUITED FOR:

- * Small Industrial Boilers
- * Boiler Feed
- * Domestic Water boosting
- * Agriculture irrigation
- * Pumping well water
- * Industrial water supply
- * Supplying water to:
 - Hotels
 - Villas
 - High Buildings

Peripheral Pump MT2.2KW

MT2.2KW

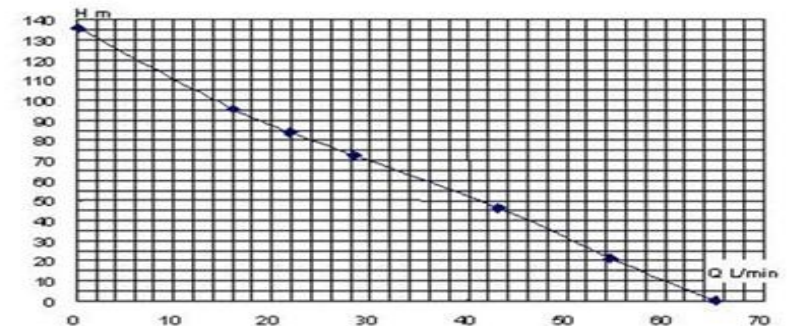
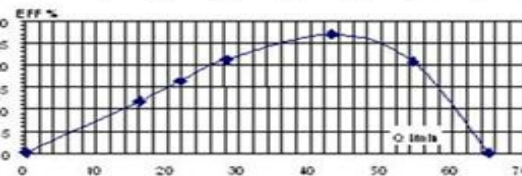
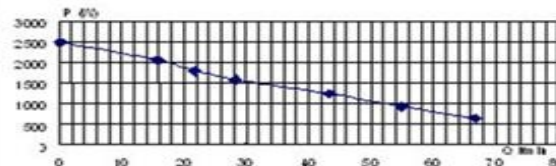
PUMP PERFORMANCE TEST REPORT

Performance Required	Pump Type	Power V/Hz	400V/50	Capacitor Uf	Motor P1W	2200	Motor P2W	1500	Y80-100		
Max head m	120	Max Flow l/min	120	Discharge m	60	Capacity l/min	50	Max S Head m	8	Pump Speed r/min	2850
Pressure Meter m	1	Vacuumeter m	1	C for flowMeter	16.67	High Voltage Passed KV	1.8	Height from water to Meter m			0.7
Inlet inch	3/4"	Outlet inch	3/4"	Ambient Temp	28C	Liquid Temp	25C	Ins. R M Ohm	OK	Earth R Ohm	OK

Test Datas

Impeller dia. mm 100

N.	Reading Flow Meter	Q l/min	Converted l/min	Pressure Inlet Meter Mpa	Outlet Pressure Meter Mpa	H m	Converted m	Speed r/min	Pump Output Power W	Motor Input Power W	Eff of the set %	motor A	Temp
1	4	66.68	65.1	-0.004				2920		640			
2	3.3	55.01	54.4	-0.004	0.2	21.5	21.05	2880	193.32	930	20.79		
3	2.6	43.34	43	-0.004	0.45	46.98	46.33	2870	332.88	1235	26.95		
4	1.7	28.34	28.3	-0.004	0.7	72.46	72.46	2850	335.72	1580	21.25		
5	1.3	21.67	21.8	-0.004	0.8	82.66	83.83	2830	292.84	1790	16.36		
6	0.95	15.84	16.1	-0.004	0.9	92.85	95.51	2810	240.39	2050	11.73		
8	0.01	0.17	0.2	-0.001	1.25	128.22	135.74	2770	3.49	2480	0.14		



ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Break Away VALVES

TECHNOLOGY AT ITS BEST

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TGCP3KW

BOILER FEEDWATER PUMP



Peripheral Pump CP3KW

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- * Boiler Feed
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- * Agriculture irrigation
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Villas
High Buildings



APPLICATION

For non-aggressive, non explosive, without suspended solids, for clean liquids without abrasives for the pump materials.

CP3KW PUMP PERFORMANCE TEST REPORT

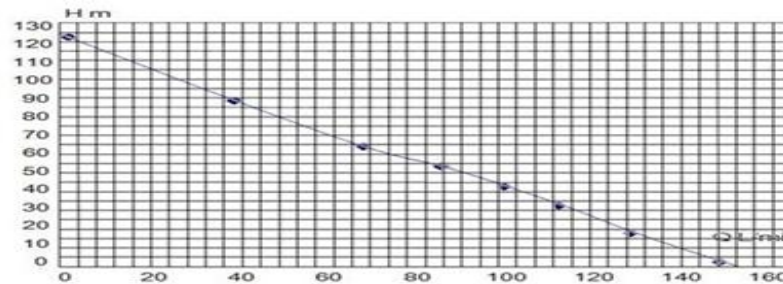
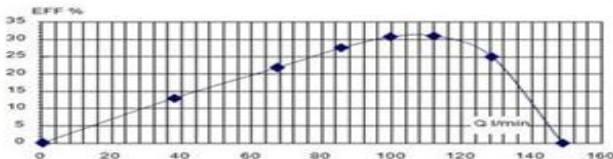
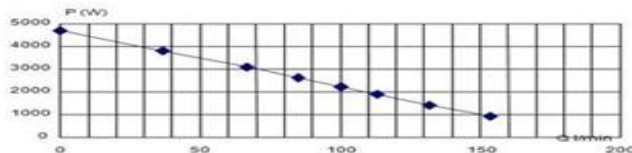
Performance Required	Pump Type	Power V/Hz	400V/50	Capacitor Uf		Motor P1W	3700	Motor P2W	3000	AO90.	120
Max head m	120	Max Flow l/min	120	Discharge m	60	Capacity l/min	50	Max S Head m	8	Pump Speed r/min	2850
Pressure Meter m	1	Vacuumeter m	1	C for flowMeter	16.67	High Voltage Passed KV	1.8	Height from water to Meter m			0.7
Inlet inch	1 1/4	Outlet inch	1 1/4	Ambient Temp	28C	Liquid Temp	25C	Ins. R M Ohm	OK	Earth R Ohm	OK

Test Datas

Impeller dia. mm

100

N.	Reading Flow Meter	Q l/min	Converted l/min	Pressure Inlet Meter Mpa	Outlet Pressure Meter Mpa	H m	Converted m	Speed r/min	Pump Output Power W	Motor Input Power W	Eff of the set %	motor A	Temp
1	9.2	153.36	148.7	-0.004		16.4	15.62	2940	353.05	1410	25.04		
2	7.9	131.69	128.5	-0.004	0.15	16.4	15.62	2920	353.05	1410	25.04		
3	6.8	113.36	112.2	-0.004	0.3	31.69	31.03	2880	587.25	1890	31.07		
4	6	100.02	99.7	-0.004	0.4	41.88	41.59	2860	684.85	2220	30.85		
5	5.1	85.02	85.3	-0.004	0.5	52.08	52.44	2840	723.8	2620	27.63		
6	4	66.68	67.4	-0.004	0.6	62.27	63.6	2820	678.81	3100	21.9		
7	2.2	36.67	38	-0.004	0.8	82.66	88.78	2750	495.58	3800	13.04	5.5	80k
8	0.01	0.17	0.2	-0.001	1.1	112.93	123.99	2720	3.08	4700	0.07		



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