

AQUA GROUP



## PERFORMANCE CHART FOR 4" BOREWELL SUBMERSIBLE PUMPSETS

50 Hz

PUMP + MOTOR	STAGES	CAPACITY								POWER		RATED CURRENT (A)	Max. Height (mm)	Max. Weight (Kg)	
		Gpm	0	24.2	28.6	33.0	36.7	44.0	55.0						66.0
		Lps	0	1.8	2.2	2.5	2.8	3.3	4.2	5.0					
		m <sup>3</sup> /hr	0	6.6	7.8	9.0	10.0	12.0	15.0	18.0					
		Lph	0	6600	7800	9000	10000	12000	15000	18000	HP				kW
<b>THREE PHASE - 380 V</b>															
MF35/04 + FT007	4	20	19	18	17.5	17	15	12	9	1.0	0.75	2.7	1108	25	
MF35/06 + FT011	6	31	28	27	26	25	22	18	14	1.5	1.1	3.5	1282	28	
MF35/08 + FT015	8	41	38	36	34	33	30	24	18	2.0	1.5	4.9	1466	31	
MF35/12 + FT022	12	61	56	55	52	50	44	37	28	3.0	2.2	7.0	1794	35	
MF35/16 + FT030	16	82	75	73	69	66	59	49	37	4.0	3.0	9.2	2202	43	
MF35/20 + FT037	20	102	94	91	86	83	74	61	46	5.0	3.7	10.9	2592	48	
<b>SINGLE PHASE - 220 V</b>															
MF35/04 + FS007	4	20	19	18	17.5	17	15	12	9	1.0	0.75	7.0	1138	27	
MF35/06 + FS011	6	31	28	27	26	25	22	18	14	1.5	1.1	10.0	1322	30	
MF35/08 + FS015	8	41	38	36	34	33	30	24	18	2.0	1.5	13.8	1506	33	
MF35/12 + FS022	12	61	56	55	52	50	44	37	28	3.0	2.2	19.8	1884	41	
<b>THREE PHASE - 380 V</b>															
PUMP + MOTOR	STAGES	CAPACITY								POWER		RATED CURRENT (A)	Max. Height (mm)	Max. Weight (Kg)	
		Gpm	0	28.6	33.0	36.7	44.0	55.0	66.0						77.0
		Lps	0	2.1	2.5	2.7	3.3	4.1	5.0	5.8					
		m <sup>3</sup> /hr	0	7.8	9.0	10.0	12.0	15.0	18.0	21.0					
		Lph	0	7800	9000	10000	12000	15000	18000	21000	HP				kW
<b>THREE PHASE - 380 V</b>															
MF40/05 + FT011	5	26	24	23	21	20	17	13	9	1.5	1.1	3.5	1210	27	
MF40/07 + FT015	7	37	33	32	30	28	24	19	13	2.0	1.5	4.9	1394	30	
MF40/10 + FT022	10	53	48	45	43	39	34	26	18	3.0	2.2	7.0	1650	34	
MF40/13 + FT030	13	69	62	59	56	51	44	34	24	4.0	3.0	9.2	1956	41	
MF40/17 + FT037	17	90	81	77	73	67	58	45	31	5.0	3.7	10.9	2376	47	
<b>SINGLE PHASE - 220 V</b>															
MF40/05 + FS011	5	26	24	23	21	20	17	13	9	1.5	1.1	10.0	1250	29	
MF40/07 + FS015	7	37	33	32	30	28	24	19	13	2.0	1.5	13.8	1434	33	
MF40/10 + FS022	10	53	48	45	43	39	34	26	18	3.0	2.2	19.8	1740	40	
<b>THREE PHASE - 380 V</b>															
PUMP + MOTOR	STAGES	CAPACITY								POWER		RATED CURRENT (A)	Max. Height (mm)	Max. Weight (Kg)	
		Gpm	0	36.7	44.0	55.0	66.0	77.0	80.7						
		Lps	0	2.7	3.3	4.1	5.0	5.8	6.1						
		m <sup>3</sup> /hr	0	10	12	15	18	21	22						
		Lph	0	10000	12000	15000	18000	21000	22000	HP	kW				
<b>THREE PHASE - 380 V</b>															
MF50/05 + FT011	5	25	22	18	16	13	8	5	1.5	1.1	3.5	1210	27		
MF50/06 + FT015	6	30	27	23	20	16	10	7	2.0	1.5	4.9	1322	30		
MF50/09 + FT022	9	45	41	36	32	24	16	11	3.0	2.2	7.0	1578	34		
MF50/12 + FT030	12	60	54	49	43	34	22	15	4.0	3.0	9.2	1884	41		
MF50/15 + FT037	15	75	66	61	52	42	28	18	5.0	3.7	10.9	2202	45		
<b>SINGLE PHASE - 220 V</b>															
MF50/05 + FS011	5	25	22	18	16	13	8	5	1.5	1.1	10.0	1250	29		
MF50/06 + FS015	6	30	27	23	20	16	10	7	2.0	1.5	13.8	1362	32		
MF50/09 + FS022	9	45	41	36	32	24	16	11	3.0	2.2	19.8	1668	39		

Pump Delivery Size :- Standard : 2" BSP (50 mm)