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Pioneering for You

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MPM

Monoblock pumpset- 3 Phase

SB_WPD Maxima (1 Ph)_03_A4_080915_E



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Pioneering for You

MPM
Monoblock pumpset- 3 Phase



- Technical Data:**
Flow: upto 2250 LPM
Head: upto 78 m
Power: upto 22kW (30hp)
Voltage: 220 V (Single phase)
 415 V (Three phase)

Material of construction:
Casing : Cast Iron
Impeller : Cast Iron/Bronze
Motor Body : Cast Iron
Sealing : Gland pack/ Mech. seal
- Application:**
Water transfer in:
→ Bungalows
→ Farm houses
→ Apartments
→ Curing at construction Sites

Selection Table – CAT A with Mechanical Seal

Pump Model	Article No.	Power Rating		Pipe Size (mm)				Total Head (m)									
		kW	hp	Suction	Delivery			6	10	12	15	17	19	21	24	30	
MPM011	8054338	0.75	1	50	50	Discharge in LPM		290	250	210	130						
MPM012	8054342	0.75	1	32	25						160	145	125	100	60		
MPM013	8054346	0.75	1	32	25						135	125	115	105	80	10	
MPM014	8054350	0.75	1	40	32						150	135	120	100	50		
MPM0155	8054354	1.1	1.5	40	40						260	240	225	210	100		
MPM0156	8054358	1.1	1.5	50	50				500	450	320						
MPM021	8004014	1.5	2	50	40						200	190	180	165	140	60	
MPM022	8004018	1.5	2	50	40						290	275	260	235	170		
MPM023	8004022	1.5	2	65	50					575	510	410	300				
MPM023L	8054370	1.5	2	80	65				850	700	575						

MPM
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Selection Table – CAT A with Mechanical Seal

Pump Model	Article No.	Power Rating		Pipe Size (mm)				Total Head (m)																
		kW	hp	Suction	Delivery			10	12	15	17	19	21	24	27	32	33	35	38	42	48	50	53	
MPM034	8004026	2.2	3	50	40	Discharge in LPM								245	230	190	180	150	100					
MPM035	8004030	2.2	3	50	40							370	340	300	250									
MPM036	8004034	2.2	3	65	50				685	585	520	435	300											
MPM036H	8054362	2.2	3	65	50						525	460	350											
MPM037	8004038	2.2	3	80	65			850	760	600	400													
MPM058	8004042	3.7	5	50	40									475	460	410	390	380	340	250				
MPM059	8004046	3.7	5	65	50											425	410	375	275					
MPM0510	8004050	3.7	5	65	50							680	650	600	525	300	300							
MPM0511	8004054	3.7	5	75	65				1100	1050	980	860	790	490										
MPM0713	8004062	5.5	7.5	50	40															325	270	240	170	
MPM0714	8004066	5.5	7.5	65	50										720	605	585	530	440	150				
MPM0715	8004070	5.5	7.5	80	65								990	920	840	660	620	400						
MPM0716	8004074	5.5	7.5	100	75						1320	1200	1120	800										

Conversion Table: 1m = 3.281 ft and 1 m³/hr = 16.67 LPM = 3.67 GPM
The above performance is based on mean supply voltage of 220V/415V at 50 Hz and subject to change due to continuous R&D.

- Standard Features:**
- Dynamically balanced rotating parts to ensure min. vibration, noise free operation & long bearing life
 - Designed for wide Voltage fluctuations

Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)																
		kW	hp	Suction	Delivery	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62	
MPM1017	8004078	7.5	10	50	40	Discharge in LPM																
MPM1018	8004082	7.5	10	65	50																	
MPM1019	8004086	7.5	10	80	65																	
MPM1020	8004090	7.5	10	100	75																	
MPM1020L	8054374	7.5	10	100	75		1700	1500	1465	1350	1020	1020	800	700								
MPM1221	8004094	9.3	12.5	65	50																	
MPM1222	8004098	9.3	12.5	80	65																	
MPM1223	8004102	9.3	12.5	100	75																	
MPM1223L	8054378	9.3	12.5	100	75																	

MPM
Monoblock pumpset– 3 Phase

Selection Table – CAT A with Mechanical Seal

Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)																			
		kW	hp	Suction	Delivery	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62	65	68	71	74
MPM1524	8004106	11	15	65	50	Discharge in LPM																			
MPM1525	8004110	11	15	65	50																				
MPM1526	8004114	11	15	80	65																				
MPM1527	8004118	11	15	100	75																				
MPM1527L	8054382	11	15	100	75		2250	2125	2050	1850	1600	1200													
MPM2028	8004122	15	20	65	50																				
MPM2029	8004126	15	20	80	65																				
MPM2030	8004130	15	20	100	75																				
MPM2531	8004134	18.5	25	100	75																				
MPM3032	8004138	22	30	100	75																				

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Selection Table – CAT A with Gland Pack

Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)									
		kW	hp	Suction	Delivery	Discharge in LPM	6	10	12	15	17	19	21	24	30
MPM021	8004012	1.5	2	50	40					200	190	180	165	140	60
MPM022	8004016	1.5	2	50	40					290	275	260	235	170	
MPM023	8004020	1.5	2	65	50			575	510	410	300				
MPM023L	8054368	1.5	2	80	65		850	700	575						

Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)																
		kW	hp	Suction	Delivery	10	12	15	17	19	21	24	27	32	33	35	38	42	48	50	53	
MPM034	8004024	2.2	3	50	40	Discharge in LPM						245	230	190	180	150	100					
MPM035	8004028	2.2	3	50	40						370	340	300	250								
MPM036	8004032	2.2	3	65	50			685	585	520	435	300										
MPM036H	8054360	2.2	3	65	50					525	460	350										
MPM037	8004036	2.2	3	80	65		850	760	600	400												
MPM058	8004040	3.7	5	50	40								475	460	410	390	380	340	250			
MPM059	8004044	3.7	5	65	50										425	410	375	275				
MPM0510	8004048	3.7	5	65	50						680	650	600	525	300	300						
MPM0511	8004052	3.7	5	75	65			1100	1050	980	860	790	490									
MPM0713	8004060	5.5	7.5	50	40														325	270	240	170
MPM0714	8004064	5.5	7.5	65	50									720	605	585	530	440	150			
MPM0715	8004068	5.5	7.5	80	65							990	920	840	660	620	400					
MPM0716	8004072	5.5	7.5	100	75				1320		1200	1120	800									

MPM
Monoblock pumpset- 3 Phase

Selection Table – CAT A with Gland Pack

Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)															
		kW	hp	Suction	Delivery	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62
MPM1017	8004076	7.5	10	50	40	Discharge in LPM										360	350	315	280	240	180
MPM1018	8004080	7.5	10	65	50									740	650	465	300				
MPM1019	8004084	7.5	10	80	65							1040	970	940	660						
MPM1020	8004088	7.5	10	100	75					1465	1350	1020	1020	800	700						
MPM1020L	8054372	7.5	10	100	75			1700	1500	1380	700										
MPM1221	8004092	9.3	12.5	65	50										820	775	660	600	425		
MPM1222	8004096	9.3	12.5	80	65								1110	1060	1025	910	700				
MPM1223	8004100	9.3	12.5	100	75						1620	1360	1360	1200	1050						
MPM1223L	8054376	9.3	12.5	100	75					1650	1300	600									

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Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)																		
		kW	hp	Suction	Delivery	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62	65	68	71
MPM1524	8004106	11	15	65	50	Discharge in LPM	830 775 700 600 500 325																	
MPM1525	8004110	11	15	65	50		800 750 660 600 480																	
MPM1526	8004114	11	15	80	65		1140 1000 740 630																	
MPM1527	8004118	11	15	100	75		1700 1600 1520 1475 1000																	
MPM1527L	8054382	11	15	100	75		2250	2125	2050	1850	1600	1200												
MPM2028	8004122	15	20	65	50		900 840 800 740 650 570 470 300																	
MPM2029	8004126	15	20	80	65		1140 1110 1085 1044 950 720																	
MPM2030	8004130	15	20	100	75		1700 1680 1450 600																	
MPM2531	8004134	18.5	25	100	75		1700 1500 1420 1240 950																	
MPM3032	8004138	22	30	100	75		1840 1800 1780 1750 1700 1580 1500 1280																	

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Monoblock pumpset– 3 Phase



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Flow: upto 2250 LPM
Head: upto 78 m
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Voltage: 220 V (Single phase)
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Material of construction:
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Selection Table – CAT B with Mechanical Seal

Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)													
		kW	hp	Suction	Delivery	6	10	12	15	17	19	21	24	30					
MPM021	8004012	1.5	2	50	40	Discharge in LPM	200								190	180	165	140	60
MPM022	8004016	1.5	2	50	40		290								275	260	235	170	
MPM023	8004020	1.5	2	65	50		575								510	410	300		
MPM023L	8054368	1.5	2	80	65		850								700	575			

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Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)															
		kW	hp	Suction	Delivery	10	12	15	17	19	21	24	27	32	33	35	38	42	48	50	53
MPM034	8004024	2.2	3	50	40	Discharge in LPM															
MPM035	8004028	2.2	3	50	40																
MPM036	8004032	2.2	3	65	50																
MPM036H	8054360	2.2	3	65	50																
MPM037	8004036	2.2	3	80	65		850	760	600	400											
MPM058	8004040	3.7	5	50	40																
MPM059	8004044	3.7	5	65	50																
MPM0510	8004048	3.7	5	65	50																
MPM0511	8004052	3.7	5	75	65		1100	1050	980	860	790	490									
MPM0713	8004060	5.5	7.5	50	40																
MPM0714	8004064	5.5	7.5	65	50																
MPM0715	8004068	5.5	7.5	80	65																
MPM0716	8004072	5.5	7.5	100	75																
Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)															
		kW	hp	Suction	Delivery	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62
MPM1017	8004076	7.5	10	50	40	Discharge in LPM															
MPM1018	8004080	7.5	10	65	50																
MPM1019	8004084	7.5	10	80	65																
MPM1020	8004088	7.5	10	100	75																
MPM1020L	8054372	7.5	10	100	75		1700	1500	1380	700											
MPM1221	8004092	9.3	12.5	65	50																
MPM1222	8004096	9.3	12.5	80	65																
MPM1223	8004100	9.3	12.5	100	75																
MPM1223L	8054376	9.3	12.5	100	75																

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Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)																				
		kW	hp	Suction	Delivery	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62	65	68	71	74	78
MPM1524	8004104	11	15	65	50	Discharge in LPM																				
MPM1525	8004108	11	15	65	50																					
MPM1526	8004112	11	15	80	65																					
MPM1527	8004116	11	15	100	75																					
MPM1527L	8054380	11	15	100	75																					
MPM2028	8004120	15	20	65	50																					
MPM2029	8004124	15	20	80	65																					
MPM2030	8004128	15	20	100	75																					
MPM2531	8004132	18.5	25	100	75																					
MPM3032	8004136	22	30	100	75																					

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Flow: upto 2250 LPM
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Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)															
		kW	hp	Suction	Delivery	6	10	12	15	17	19	21	24	30							
MPM011	8054339	0.75	1	50	50	Discharge in LPM	290	250	210	130											
MPM012	8054343	0.75	1	32	25					160	145	125	100	60							
MPM013	8054347	0.75	1	32	25					135	125	115	105	80	10						
MPM014	8054351	0.75	1	40	32					150	135	120	100	50							
MPM0155	8054355	1.1	1.5	40	40					260	240	225	210	100							
MPM0156	8054359	1.1	1.5	50	50			500	450	320											
MPM021	8004015	1.5	2	50	40					200	190	180	165	140	60						
MPM022	8004019	1.5	2	50	40					290	275	260	235	170							
MPM023	8004023	1.5	2	65	50																
MPM023L	8054371	1.5	2	80	65			850	700	575	410	300									
Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)															
		kW	hp	Suction	Delivery	10	12	15	17	19	21	24	27	32	33	35	38	42	48	50	53
MPM034	8004027	2.2	3	50	40	Discharge in LPM						245	230	190	180	150	100				
MPM035	8004031	2.2	3	50	40						370	340	300	250							
MPM036	8004035	2.2	3	65	50			685	585	520	435	300									
MPM036H	8054363	2.2	3	65	50				525	460	350										
MPM037	8004039	2.2	3	80	65		850	760	600	400											
MPM058	8004043	3.7	5	50	40							475	460	410	390	380	340	250			
MPM059	8004047	3.7	5	65	50									425	410	375	275				
MPM0510	8004051	3.7	5	65	50						680	650	600	525	300	300					
MPM0511	8004055	3.7	5	75	65			1100	1050	980	860	790	490								
MPM0713	8004063	5.5	7.5	50	40													325	270	240	170
MPM0714	8004067	5.5	7.5	65	50								720	605	585	530	440	150			
MPM0715	8004071	5.5	7.5	80	65						990	920	840	660	620	400					
MPM0716	8004075	5.5	7.5	100	75				1320	1200	1120	800									

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Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)															
		kW	hp	Suction	Delivery	6	10	12	15	17	19	21	24	30							
MPM021	8004013	1.5	2	50	40	Discharge in LPM					200	190	180	165	140	60					
MPM022	8004017	1.5	2	50	40						290	275	260	235	170						
MPM023	8004021	1.5	2	65	50				575	510	410	300									
MPM023L	8054369	1.5	2	80	65			850	700	575											
Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)															
		kW	hp	Suction	Delivery	10	12	15	17	19	21	24	27	32	33	35	38	42	48	50	53
MPM034	8004025	2.2	3	50	40	Discharge in LPM						245	230	190	180	150	100				
MPM035	8004029	2.2	3	50	40						370	340	300	250							
MPM036	8004033	2.2	3	65	50				685	585	520	435	300								
MPM036H	8054361	2.2	3	65	50					525	460	350									
MPM037	8004037	2.2	3	80	65			850	760	600	400										
MPM058	8004041	3.7	5	50	40								475	460	410	390	380	340	250		
MPM059	8004045	3.7	5	65	50										425	410	375	275			
MPM0510	8004049	3.7	5	65	50						680	650	600	525	300	300					
MPM0511	8004053	3.7	5	75	65				1100	1050	980	860	790	490							
MPM0713	8004061	5.5	7.5	50	40													325	270	240	170
MPM0714	8004065	5.5	7.5	65	50									720	605	585	530	440	150		
MPM0715	8004069	5.5	7.5	80	65							990	920	840	660	620	400				
MPM0716	8004073	5.5	7.5	100	75					1320	1200	1120	800								

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Pump Model	Article No.	Power Rating		Pipe Size		Total Head (m)															
		kW	hp	Suction mm	Delivery mm	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62
MPM1017	8004079	7.5	10	50	40	Discharge in LPM										360	350	315	280	240	180
MPM1018	8004083	7.5	10	65	50									740	650	465	300				
MPM1019	8004083	7.5	10	80	65						1040	970	940	660							
MPM1020	8004091	7.5	10	100	75																
MPM1020L	8054375	7.5	10	100	75		1700	1500	1380												
MPM1221	8004095	9.3	12.5	65	50									820	775	660	600	425			
MPM1222	8004099	9.3	12.5	80	65						1110	1060	1025	910	700						
MPM1223	8004103	9.3	12.5	100	75																
MPM1223L	8054379	9.3	12.5	100	75					1620	1360	1360	1200	1050							
									1650	1300	600										

Selection Table – CAT B with Mechanical Seal

Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)																				
		kW	hp	Suction	Delivery	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62	65	68	71	74	78
MPM1524	8004107	11	15	65	50	Discharge in LPM												830	775	700	600	500	325			
MPM1525	8004111	11	15	65	50											800	750	660	600	480						
MPM1526	8004115	11	15	80	65									1140	1000	740	630									
MPM1527	8004119	11	15	100	75					1700	1600	1520	1475	1000												
MPM1527L	8054383	11	15	100	75		2250	2125	2050	1850	1600	1200														
MPM2028	8004123	15	20	65	50														900	840	800	740	650	570	470	300
MPM2029	8004127	15	20	80	65											1140	1110	1085	1044	950	720					
MPM2030	8004131	15	20	100	75							1700	1680	1450	600											
MPM2531	8004135	18.5	25	100	75										1700	1500	1420	1240	950							
MPM3032	8004139	22	30	100	75										1840	1800	1780	1750	1700	1580	1500	1280				

The above performance is based on mean supply voltage of 220V / 415V at 50 Hz and subject to change due to continuous R&D.

MPM
Monoblock pumpset- 3 Phase

Selection Table - CAT B with Gland Pack

Pump Model	Article No.	Power Rating		Pipe Size		Total Head (m)																									
		kW	hp	Suction mm	Delivery mm	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62										
MPM1017	8004077	7.5	10	50	40	Discharge in LPM																360	350	315	280	240	180				
MPM1018	8004081	7.5	10	65	50																	740	650	465	300						
MPM1019	8004085	7.5	10	80	65																	1040	970	940	660						
MPM1020	8004089	7.5	10	100	75																	1465	1350	1020	1020	800	700				
MPM1020L	8054373	7.5	10	100	75		1700	1500	1380	700																					
MPM1221	8004093	9.3	12.5	65	50																	820	775	660	600	425					
MPM1222	8004097	9.3	12.5	80	65																	1110	1060	1025	910	700					
MPM1223	8004101	9.3	12.5	100	75																	1620	1360	1360	1200	1050					
MPM1223L	8054377	9.3	12.5	100	75																	1650	1300	600							

Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)																				
		kW	hp	Suction	Delivery	17	19	21	24	27	30	32	33	38	42	48	50	53	56	59	62	65	68	71	74	78
MPM1524	8004105	11	15	65	50	Discharge in LPM																				
MPM1525	8004109	11	15	65	50																					
MPM1526	8004113	11	15	80	65																					
MPM1527	8004117	11	15	100	75																					
MPM1527L	8054381	11	15	100	75																					
MPM2028	8004121	15	20	65	50		2250	2125	2050	1850	1600	1200														
MPM2029	8004125	15	20	80	65																					
MPM2030	8004129	15	20	100	75																					
MPM2531	8004133	18.5	25	100	75																					
MPM3032	8004137	22	30	100	75																					

Conversion Table: 1m = 3.281 ft and 1 m³/hr = 16.67 LPM = 3.67 GPM
The above performance is based on mean supply voltage of 220V/415V at 50 Hz and subject to change due to continuous R&D.