6MR

Applications
For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions
Maximum fluid temperature up to +35℃
Maximum sand content: 0.25%
Minimum well diameter: 6"

Motor and Pump
Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
Equip with start control box or digital auto-control box
Curve tolerance according to ISO 9906

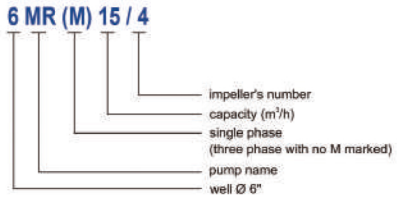
Options on request
Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

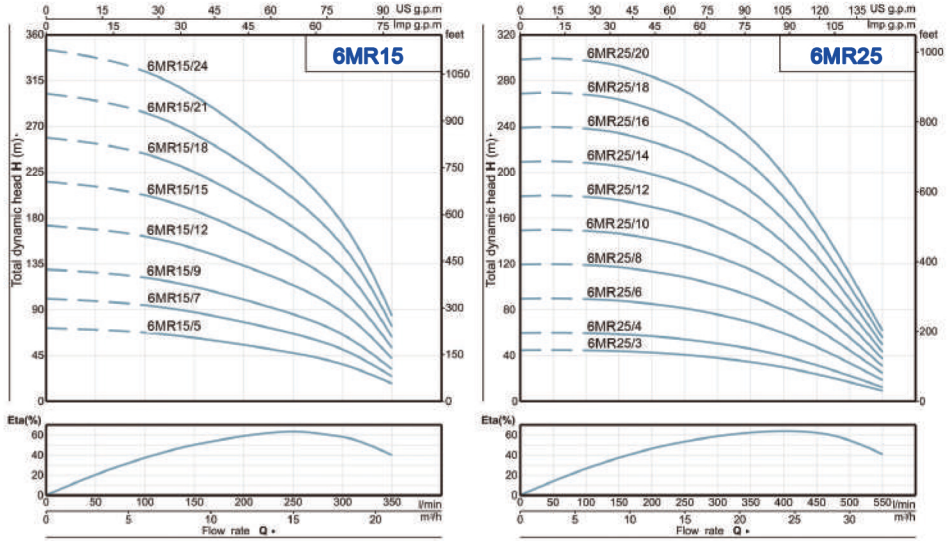
Warranty: 1 years
(according to our general sales conditions)



6MR

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.





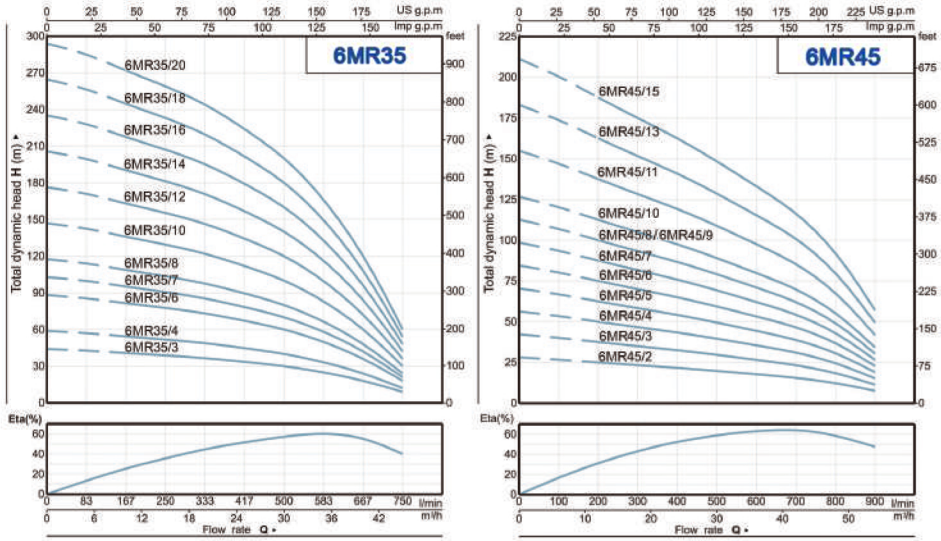
PERFORMANCE DATA 50Hz

MODEL		P_2			DELIVERY							n≈2850 1/min
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h	0	3	6	9	12	15	18	21
				Q l/min	0	50	100	150	200	250	300	350
6MRM15/5	6MR15/5	3	4		72	70	68	63	56	48	36	18
6MRM15/7	6MR15/7	4	5.5		101	99	95	88	78	67	51	25
6MRM15/9	6MR15/9	5.5	7.5		129	127	122	113	100	86	66	32
-	6MR15/12	7.5	10	H(m)	173	169	162	150	134	114	88	42
-	6MR15/15	9.2	12.5		216	211	203	188	167	143	109	53
-	6MR15/18	11	15		259	254	243	225	200	171	131	63
-	6MR15/21	13	17.5		302	296	284	263	234	200	153	74
-	6MR15/24	15	20		345	338	324	300	267	228	175	84

PERFORMANCE DATA 50Hz

MODEL		P_2			DELIVERY											n≈2850 1/min
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h	0	3	6	9	12	15	18	21	24	27	30	33
				Q l/min	0	50	100	150	200	250	300	350	400	450	500	550
6MRM25/3	6MR25/3	3	4		45	45	45	44	42	40	38	33	28	22	16	9
6MRM25/4	6MR25/4	4	5.5		60	60	60	58	56	54	50	45	39	30	21	12
6MRM25/6	6MR25/6	5.5	7.5		90	90	89	88	85	81	76	66	58	45	32	18
-	6MR25/8	7.5	10		120	120	119	117	113	108	101	89	78	60	43	24
-	6MR25/10	9.2	12.5	H(m)	150	150	149	146	141	135	126	111	97	75	55	30
-	6MR25/12	11	15		179	180	179	175	169	162	151	134	117	90	65	36
-	6MR25/14	13	17.5		209	210	209	204	197	189	176	156	136	105	76	42
-	6MR25/16	15	20		239	240	238	234	226	216	202	178	156	120	87	48
-	6MR25/18	18.5	25		269	270	268	263	254	243	227	201	176	135	98	54
-	6MR25/20	18.5	25		299	300	298	292	282	270	252	223	195	150	109	60

MARO water pumps

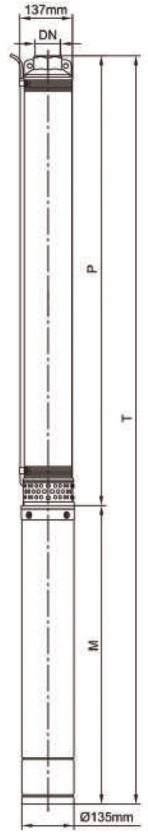


PERFORMANCE DATA 50Hz

MODEL		P_2		DELIVERY										n≈2850 1/min
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m^3/h	0	5	10	15	20	25	30	35	40	45
				Q l/min	0	83	167	250	333	417	500	583	667	750
6MRM35/3	6MR35/3	4	5.5		44	43	41	39	37	34	30	25	18	9
6MRM35/4	6MR35/4	5.5	7.5		59	57	54	52	49	45	40	33	24	12
-	6MR35/6	7.5	10		88	86	82	78	73	67	60	50	36	18
-	6MR35/7	9.2	12.5		103	100	95	91	85	78	70	58	42	21
-	6MR35/8	11	15		118	114	109	104	98	90	80	66	48	24
-	6MR35/10	13	17.5	H(m)	147	143	136	130	122	112	100	83	60	30
-	6MR35/12	15	20		176	171	163	155	146	134	120	100	72	36
-	6MR35/14	18.5	25		206	200	190	181	171	157	140	116	84	42
-	6MR35/16	18.5	25		235	228	218	207	195	179	160	133	96	48
-	6MR35/18	22	30		265	257	245	233	220	202	180	149	108	54
-	6MR35/20	22	30		294	285	272	259	244	224	200	166	120	60

PERFORMANCE DATA 50Hz

MODEL		P_2		DELIVERY										n≈2850 1/min
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m^3/h	0	6	12	18	24	30	36	42	48	54
				Q l/min	0	100	200	300	400	500	600	700	800	900
6MRM45/2	6MR45/2	4	5.5		28	27	25	23	22	20	18	15	12	8
6MRM45/3	6MR45/3	5.5	7.5		42	40	38	35	33	30	27	23	18	11
-	6MR45/4	7.5	10		56	53	50	47	43	39	35	31	25	15
-	6MR45/5	9.2	12.5		70	67	63	58	54	49	44	39	31	19
-	6MR45/6	11	15		84	80	75	70	65	59	53	46	37	23
-	6MR45/7	13	17.5	H(m)	98	93	88	82	76	69	62	54	43	27
-	6MR45/8	15	20		113	107	100	93	87	79	71	62	49	30
-	6MR45/9	15	20		113	107	100	93	87	79	71	62	49	30
-	6MR45/11	18.5	25		155	147	138	128	120	109	98	85	67	42
-	6MR45/13	22	30		183	173	163	152	141	128	115	101	80	49
-	6MR45/15	22	30		211	200	188	175	163	148	133	116	92	57



DIMENSION AND WEIGHT

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	$M_{(S)}$	$M_{(T)}$	$T_{(S)}$	$T_{(T)}$	P	$M_{(S)}$	$M_{(T)}$	$T_{(S)}$	$T_{(T)}$
6MRM15/5	6MR15/5	3"/4"	555	488	488	1043	1043	7.8	22.5	22.5	30.3	30.3
6MRM15/7	6MR15/7	3"/4"	635	528	528	1163	1163	9.3	25.1	25.1	34.4	34.4
6MRM15/9	6MR15/9	3"/4"	715	578	578	1293	1293	10.8	28.9	28.9	39.7	39.7
-	6MR15/12	3"/4"	836	-	638	-	1474	13.1	-	33.9	-	47.0
-	6MR15/15	3"/4"	956	-	698	-	1654	15.4	-	40.2	-	55.6
-	6MR15/18	3"/4"	1076	-	763	-	1839	17.7	-	46.5	-	64.2
-	6MR15/21	3"/4"	1196	-	823	-	2019	20.0	-	53.5	-	73.5
-	6MR15/24	3"/4"	1317	-	888	-	2205	22.3	-	60.5	-	82.8

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	$M_{(S)}$	$M_{(T)}$	$T_{(S)}$	$T_{(T)}$	P	$M_{(S)}$	$M_{(T)}$	$T_{(S)}$	$T_{(T)}$
6MRM25/3	6MR25/3	3"/4"	495	488	488	983	983	6.8	22.5	22.5	29.3	29.3
6MRM25/4	6MR25/4	3"/4"	543	528	528	1071	1071	7.5	25.1	25.1	32.6	32.6
6MRM25/6	6MR25/6	3"/4"	638	578	578	1216	1216	9.1	28.9	28.9	38.0	38.0
-	6MR25/8	3"/4"	734	-	638	-	1372	10.6	-	33.9	-	44.5
-	6MR25/10	3"/4"	827	-	698	-	1525	12.1	-	40.2	-	52.3
-	6MR25/12	3"/4"	922	-	763	-	1685	13.6	-	46.5	-	60.1
-	6MR25/14	3"/4"	1016	-	823	-	1839	15.1	-	53.5	-	68.6
-	6MR25/16	3"/4"	1111	-	888	-	1999	16.6	-	60.5	-	77.1
-	6MR25/18	3"/4"	1206	-	939	-	2145	18.1	-	80.9	-	99.0
-	6MR25/20	3"/4"	1300	-	939	-	2239	19.6	-	80.9	-	100.5

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	$M_{(S)}$	$M_{(T)}$	$T_{(S)}$	$T_{(T)}$	P	$M_{(S)}$	$M_{(T)}$	$T_{(S)}$	$T_{(T)}$
6MRM35/3	6MR35/3	3"/4"	528	528	528	1056	1056	7.1	25.1	25.1	32.2	32.2
6MRM35/4	6MR35/4	3"/4"	587	578	578	1165	1165	8.0	28.9	28.9	36.9	36.9
-	6MR35/6	3"/4"	703	-	638	-	1341	9.7	-	33.9	-	43.6
-	6MR35/7	3"/4"	762	-	698	-	1460	10.6	-	40.2	-	50.8
-	6MR35/8	3"/4"	820	-	763	-	1583	11.5	-	46.5	-	58.0
-	6MR35/10	3"/4"	936	-	823	-	1759	13.3	-	53.5	-	66.8
-	6MR35/12	3"/4"	1053	-	888	-	1941	15.1	-	60.5	-	75.6
-	6MR35/14	3"/4"	1169	-	939	-	2108	16.9	-	80.9	-	97.8
-	6MR35/16	3"/4"	1285	-	939	-	2224	18.7	-	80.9	-	99.6
-	6MR35/18	3"/4"	1402	-	1019	-	2421	20.5	-	91.6	-	112.1
-	6MR35/20	3"/4"	1518	-	1019	-	2537	22.3	-	91.6	-	113.9

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	$M_{(S)}$	$M_{(T)}$	$T_{(S)}$	$T_{(T)}$	P	$M_{(S)}$	$M_{(T)}$	$T_{(S)}$	$T_{(T)}$
6MRM45/2	6MR45/2	3"/4"	492	528	528	1020	1020	6.4	25.1	25.1	31.5	31.5
6MRM45/3	6MR45/3	3"/4"	561	578	578	1139	1139	7.4	28.9	28.9	36.3	36.3
-	6MR45/4	3"/4"	630	-	638	-	1268	8.4	-	33.9	-	42.3
-	6MR45/5	3"/4"	700	-	698	-	1398	9.4	-	40.2	-	49.6
-	6MR45/6	3"/4"	769	-	763	-	1532	10.4	-	46.5	-	56.9
-	6MR45/7	3"/4"	838	-	823	-	1661	11.4	-	53.5	-	64.9
-	6MR45/8	3"/4"	907	-	888	-	1795	13.4	-	60.5	-	73.9
-	6MR45/9	3"/4"	976	-	939	-	1915	14.4	-	80.9	-	95.3
-	6MR45/11	3"/4"	1114	-	939	-	2053	16.4	-	80.9	-	97.3
-	6MR45/13	3"/4"	1253	-	1019	-	2272	18.4	-	91.6	-	110.0
-	6MR45/15	3"/4"	1391	-	1019	-	2410	20.4	-	91.6	-	112.0