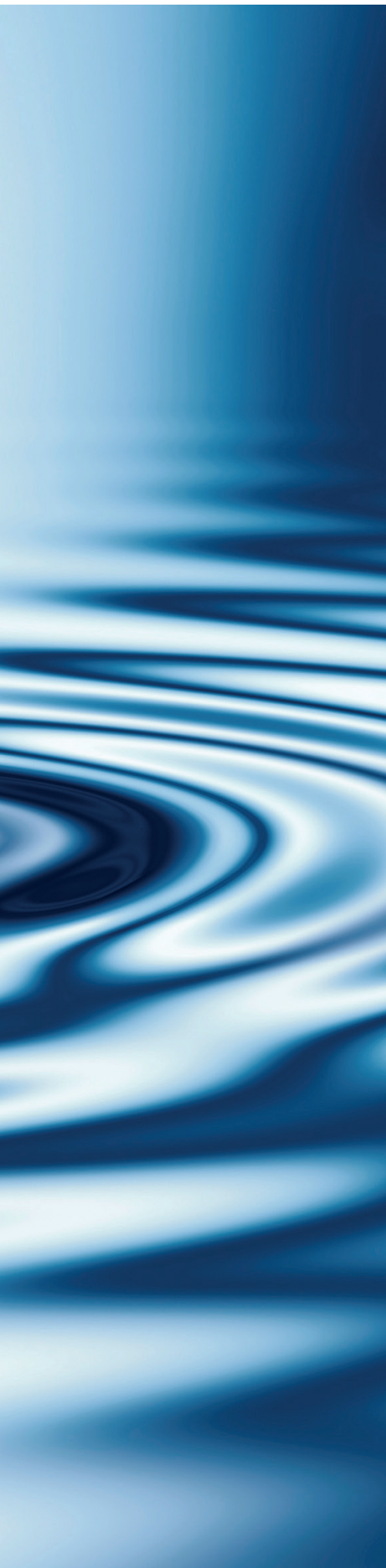




MAQ
Submersible Sewage Pump



General Data

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Application

It is mainly used for removing various sewage sludges in municipal and industrial sewage treatment projects, industrial and mining enterprises, hospitals, hotels, restaurants, construction and other industries. It is used for transporting urban sewage, wastewater and rainwater containing solid particles and various fibers. It is also used for farmland irrigation.

Features

Unique hydraulic design provides excellent hydraulic abilities, non-loading characteristics, allowing the pump to run with high efficiency and safely in higher capacity.

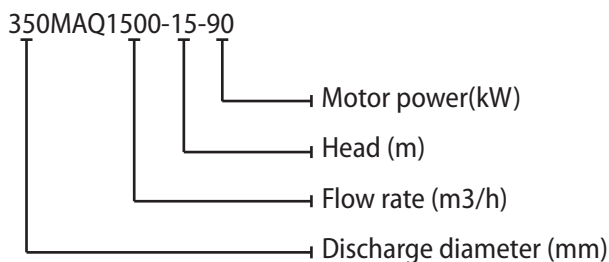
Excellent hydraulic abilities. The big channel and non-clogging impeller can transfer liquid containing solid particles, long fibers, impurities between 6-125mm diameter.

The pump is equipped with fully automatic alarm protection system and liquid level control system to protect the pump against water, oil or electricity leakage, overloading, overheating and lack of phase, etc. In addition, the pump is controlled and protected in various status and we ensure it is operating properly.

The automatic installation system is well designed with high strength and easy to install. No pumping station is required.

High quality bearings and high-temperature grease are used in the pumps which allow the components to run over 10,000 hours without repairing.

Definition of model



Operating conditions

Medium temperature not exceed 40℃, medium density not exceed 1.2kg/dm³, solid contents less than 2%.

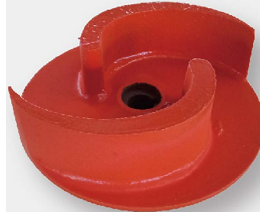
Liquid PH value is between 4 and 10.

Pump motor can not operate above liquid level.

Impellers



Double channel impeller



Double vane type impeller



Mixed flow impeller



Single channel impeller

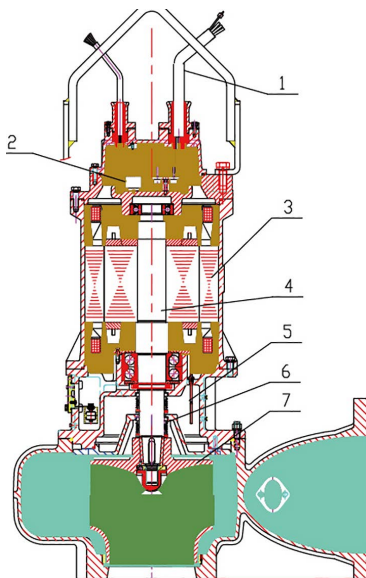


Vortex impeller



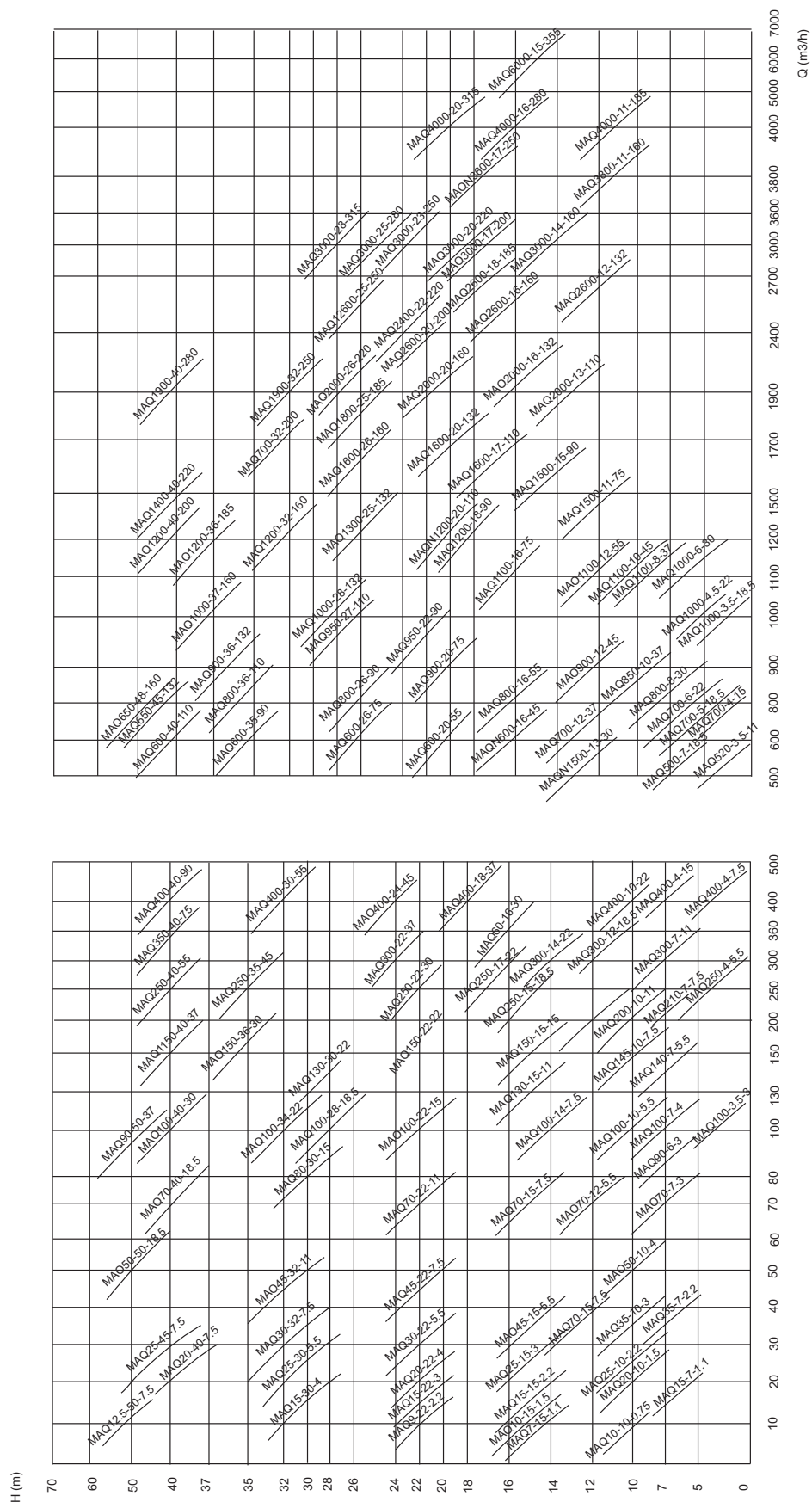
Multiple blade impeller

Structure



- 1.Unique water-resistant power cable design prevents leaking caused by outer jacket damage.
- 2.The water leaking probe inside the motor sends out alarm signal in case of motor water leakage and the control system offers pump an automatic protection.
- 3.The motor winding insulation is Class F, with thermal protector in each phase.
- 4.The motor shaft is made of stainless steel. The rotor has been dynamically balanced which allows the pump to run smoothly.
- 5.The pump is equipped with dual seal monitoring systems. Leaking from either seal will trigger the warning signal. The probe in the wiring chamber will send warning signal if leaking happens and thus protects the pump system.
- 6.Mechanical seals: Carbon vs. SiC motor side, SiC vs SiC pump side. These seals are high-temperature compatible, anti-impacting, anti-wearing and have long service life. Thus the pump can run long time safely.
- 7.Channel impeller design provides large solids passage, anti-clogging, and high efficiency, etc.

Performance curves



Performance tables

No	Model	Discharge (mm)	Flow rate (m3/h)	Head (m)	Power (kW)	Speed (r/min)	Efficiency (%)	Voltage (V)	Current (A)	Solid handling (mm)	Weight (Kg)
1	50MAQ10-10-0.75	50	10	10	0.75	2850	45	220	1.7	25	30
2	50MAQ7-15-1.1	50	7	15	1.1	2860	42		2.5	20	25
3	50MAQ15-7-1.1	50	15	7			48			25	25
4	50MAQ10-15-1.5	50	10	1.5	51		4.6		25	30	
5	50MAQ20-10-1.5	50	20		10				51	25	35
6	50MAQ9-22-2.2	50	9	2.2	44		4.8		25	45	
7	50MAQ15-15-2.2	50	15		15				52	25	45
8	50MAQ25-10-2.2	50	25		10				51	30	45
9	65MAQ35-7-2.2	65	35		7				54	30	50
10	50MAQ15-22-3	50	15	3	1460	51	6.4		25	45	
11	50MAQ25-15-3	50	25			15			51	30	45
12	65MAQ35-10-3	65	35			10			54	30	50
13	100MAQ70-7-3	100	70			7			56	35	80
14	100MAQ90-6-3	100	90			6			56	35	80
15	100MAQ100-3.5-3	100	100			3.5			54	35	80
16	50MAQ15-30-4	50	15	4		2860	46		8.6	25	70
17	50MAQ20-22-4	50	20				22			50	25
18	65MAQ50-10-4	65	50		10		56			35	75
19	100MAQ100-7-4	100	100		7	1460	65			380	9.2
20	50MAQ25-30-5.5	50	25	30	2860	49	11		15		80
21	50MAQ30-22-5.5	50	30	22		53			15		80
22	80MAQ45-15-5.5	80	45	15	1460	56	12.2		30		140
23	100MAQ70-12-5.5	100	70	12		58			35		140
24	100MAQ100-10-5.5	100	100	10		61			35		140
25	150MAQ140-7-5.5	150	140	7		72			85		170
26	200MAQ250-4-5.5	200	250	4	980	70	13		75		230
27	50MAQ12.5-50-7.5	5	12.5	50	7.5	2860	49	15	15		85
28	50MAQ20-40-7.5	50	20	40			50		15		85
29	50MAQ25-45-7.5	50	25	45			55		15	85	
30	50MAQ30-32-7.5	50	30	32			52		15	85	
31	80MAQ45-22-7.5	80	45	22		1460	65		16.6	30	150
32	80MAQ70-15-7.5	80	70	15			73	35		150	
33	80MAQ100-14-7.5	80	100	14			73	35		150	
34	150MAQ145-10-7.5	150	145	10			74	85		195	
35	150MAQ210-7-7.5	150	210	7		74	75	195			
36	200MAQ400-4-7.5	200	400	4		980	75	17	75	250	

Performance tables

No	Model	Discharge (mm)	Flow rate (m3/h)	Head (m)	Power (kW)	Speed (r/min)	Efficiency (%)	Voltage (V)	Current (A)	Solid handling (mm)	Weight (Kg)
37	80MAQ45-32-11	80	45	32	11	1460	56	380	24	30	250
38	100MAQ70-22-11	100	70	22			55			35	250
39	100MAQ130-15-11	100	130	15			60			45	250
40	150MAQ200-10-11	150	200	10			65			50	280
41	200MAQ300-7-11	200	300	7			66			50	350
42	250MAQ520-3.5-11	250	520	3.5		980	70		26	100	380
43	100MAQ80-30-15	100	80	30	15	1460	60		32	35	270
44	100MAQ100-22-15	100	100	22			65			40	270
45	150MAQ150-15-15	150	150	15			73			50	300
46	150MAQ200-12-15	150	200	12			75			50	300
47	200MAQ400-7-15	200	400	7			66			50	380
48	250MAQ700-4-15	250	700	4		980	70		35	100	420
49	100MAQ50-50-18.5	100	50	50	18.5	1460	65		38	30	330
50	100MAQ70-40-18.5	100	70	40			58			35	350
51	100MAQ100-28-18.5	100	100	28			62			40	350
52	200MAQ250-15-18.5	200	250	15			72			75	420
53	200MAQ300-12-18.5	200	300	12			73			75	420
54	200MAQ500-7-18.5	200	500	7			70			85	420
55	250MAQ700-5-18.5	250	700	5		980	72		40	85	580
56	350MAQ1000-3.5-18.5	350	1000	3.5	65		150			660	
57	100MAQ100-34-22	100	100	34	22	1460	60		45	35	380
58	150MAQ130-30-22	150	130	30			60			40	400
59	150MAQ150-22-22	150	150	22			71			50	400
60	200MAQ250-17-22	200	250	17			72			50	430
61	200MAQ300-14-22	200	300	14			74			75	430
62	200MAQ400-10-22	200	400	10			74			85	430
63	250MAQ700-6-22	250	700	6		980	73		47	85	600
64	350MAQ1000-4.5-22	350	1000	4.5	75		150			680	
65	150MAQ100-40-30	150	100	40	30	1460	65		59	40	600
66	150MAQ150-36-30	150	150	36			65			40	600
67	200MAQ250-22-30	200	250	22		980	73		61	85	700
68	200MAQ360-16-30	200	360	16			79			85	700
69	250MAQ500-13-30	250	500	13			80			125	800
70	300MAQ800-8-30	300	800	8			78			125	900
71	350MAQ1100-6-30	350	1100	6			62			125	1000
72	150MAQ90-50-37	150	90	50	37	1460	62		70	125	680

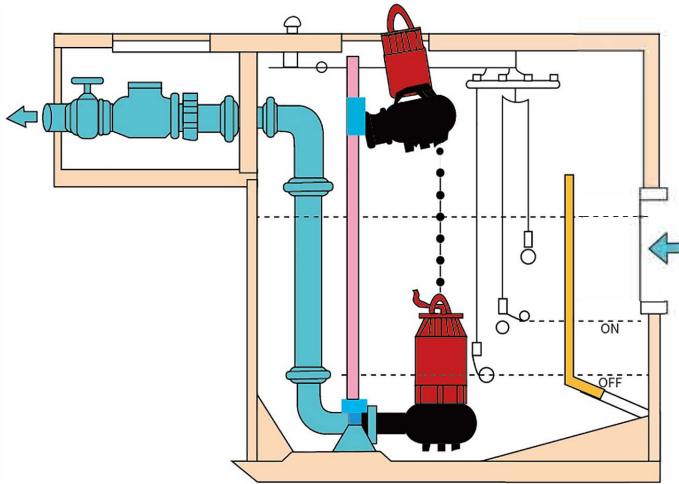
Performance tables

No	Model	Discharge (mm)	Flow rate (m3/h)	Head (m)	Power (kW)	Speed (r/min)	Efficiency (%)	Voltage (V)	Current (A)	Solid handling (mm)	Weight (Kg)
73	150MAQ150-40-37	150	150	40	37	1460	67	380	70	45	680
74	200MAQ300-22-37	200	300	22		980	75		72	85	750
75	200MAQ400-18-37	200	400	18			80			85	750
76	250MAQ700-12-37	250	700	12			75			125	820
77	300MAQ850-10-37	300	850	10			76			125	870
78	350MAQ1100-8-37	350	1100	8			78			125	920
79	200MAQ250-35-45	200	250	35	45	1460	71		85	50	850
80	200MAQ400-24-45	200	400	24		980	75		88	85	850
81	250MAQ600-16-45	250	600	16			75			125	890
82	300MAQ900-12-45	300	900	12			78			125	940
83	350MAQ1100-10-45	350	1100	10			81			125	980
84	200MAQ250-40-55	200	250	40	55	1460	70		102	50	880
85	200MAQ400-30-55	200	400	30		70	50			880	
86	250MAQ600-20-55	250	600	20			75		104	125	920
87	300MAQ900-15-55	300	900	15			77			125	960
88	350MAQ1100-12-55	350	1100	12			74			125	1000
89	200MAQ350-40-75	200	350	40	75		70		141	55	1500
90	250MAQ600-26-75	250	600	236			76			125	1600
91	250MAQ900-20-75	250	900	20			76			125	1800
92	350MAQ1100-16-75	350	1100	16			75			125	1800
93	350MAQ1500-11-75	350	1500	11			75			125	1800
94	200MAQ400-40-90	200	400	40	90		980		70	168	55
95	250MAQ600-35-90	250	600	35		75			125		1750
96	250MAQ800-26-90	250	800	26		80			125		1750
97	250MAQ950-22-90	250	950	22		80			125		1750
98	350MAQ1200-18-90	350	1200	18		80			125		1860
99	350MAQ1500-15-90	350	1500	15		81			125		1860
100	250MAQ600-40-110	250	600	40	110	72			204	125	1900
101	250MAQ800-36-110	250	800	36		79				125	1900
102	250MAQ950-27-110	250	950	27		75				125	1900
103	350MAQ1200-20-110	350	1200	20		75				125	2000
104	350MAQ1600-17-110	350	1600	17		78				125	2000
105	350MAQ2000-13-110	350	2000	13		81				125	2000
106	200MAQ650-45-132	200	650	45	132	75			260	70	2100
107	250MAQ900-36-132	250	900	36		79				70	2100
108	350MAQ1000-28-132	350	1000	28		79				125	2200

Performance tables

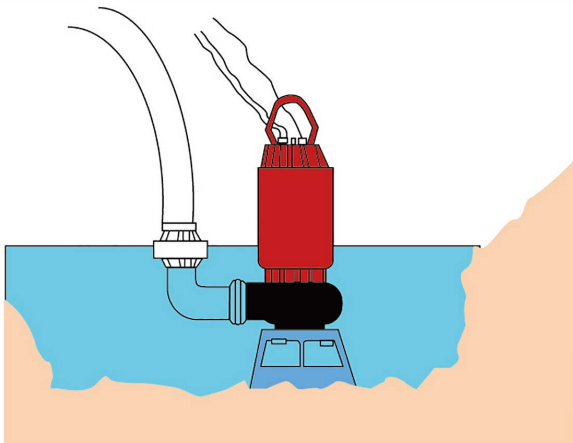
No	Model	Discharge (mm)	Flow rate (m3/h)	Head (m)	Power (kW)	Speed (r/min)	Efficiency (%)	Voltage (V)	Current (A)	Solid handling (mm)	Weight (Kg)	
109	350MAQ1300-25-132	350	1300	25	132	980	79	380	260	125	2200	
110	350MAQ1600-20-132	350	1600	20			82			125	2200	
111	350MAQ2000-16-132	350	200	16			80			125	2200	
112	500MAQ2600-12-132	500	2600	12		590	83		275	125	2400	
113	250MAQ650-48-160	250	650	48	160	980	74		300	70	2300	
114	350MAQ1000-37-160	350	1000	37			77				125	2500
115	350MAQ1200-32-160	350	1200	32			77				125	2500
116	400MAQ1600-26-160	400	1600	26			80				125	2650
117	400MAQ2000-20-160	400	2000	20			80				125	2650
118	500MAQ2600-16-160	500	2600	16		590	85		333	125	2650	
119	600MAQ3000-14-160	600	3000	14		740	86		320	125	2850	
120	600MAQ3800-11-160	600	3800	11			86			125	2850	
121	350MAQ1200-36-185	350	1200	36		185	980		82	340	125	2800
122	400MAQ1800-25-185	400	1800	25	740		82		356	125	2950	
123	500MAQ2600-18-185	500	2600	18			83			125	3050	
124	600MAQ4000-11-185	600	4000	11			87			125	3150	
125	350MAQ1200-40-200	350	1200	40	200	980	75		370	125	3050	
126	400MAQ1700-32-200	400	1700	32		740	82		386	125	3150	
127	500MAQ2600-20-200	500	2600	20			83			125	3200	
128	500MAQ3000-17-200	500	3000	17			86			125	3200	
129	350MAQ1400-40-220	350	1400	40	220	980	80		400	125	3350	
130	400MAQ2000-26-220	400	2000	26		740	83		415	125	3500	
131	400MAQ2400-22-220	400	2400	22			85			125	3500	
132	500MAQ3000-20-220	500	3000	20			80			125	3850	
133	400MAQ1900-32-250	400	1900	32	250		82		460	125	3900	
134	500MAQ2600-25-250	500	2600	25			85			125	3900	
135	500MAQ3000-23-250	500	3000	23			80			125	4100	
136	600MAQ3800-17-250	600	3800	17			87			125	4400	
137	400MAQ1900-40-280	400	1900	40	280	980	80		520	125	4200	
138	500MAQ3000-25-280	500	3000	25		740	82		540	125	4500	
139	600MAQ4000-16-280	600	4000	16			81			125	4750	
140	500MAQ3000-28-315	500	3000	28	315		82		560	125	5000	
141	600MAQ4000-20-315	600	4000	20			84			125	5300	
142	600MAQ6000-15-355	600	6000	15	355				85		700	125

Installation



1. Wet fixed installation

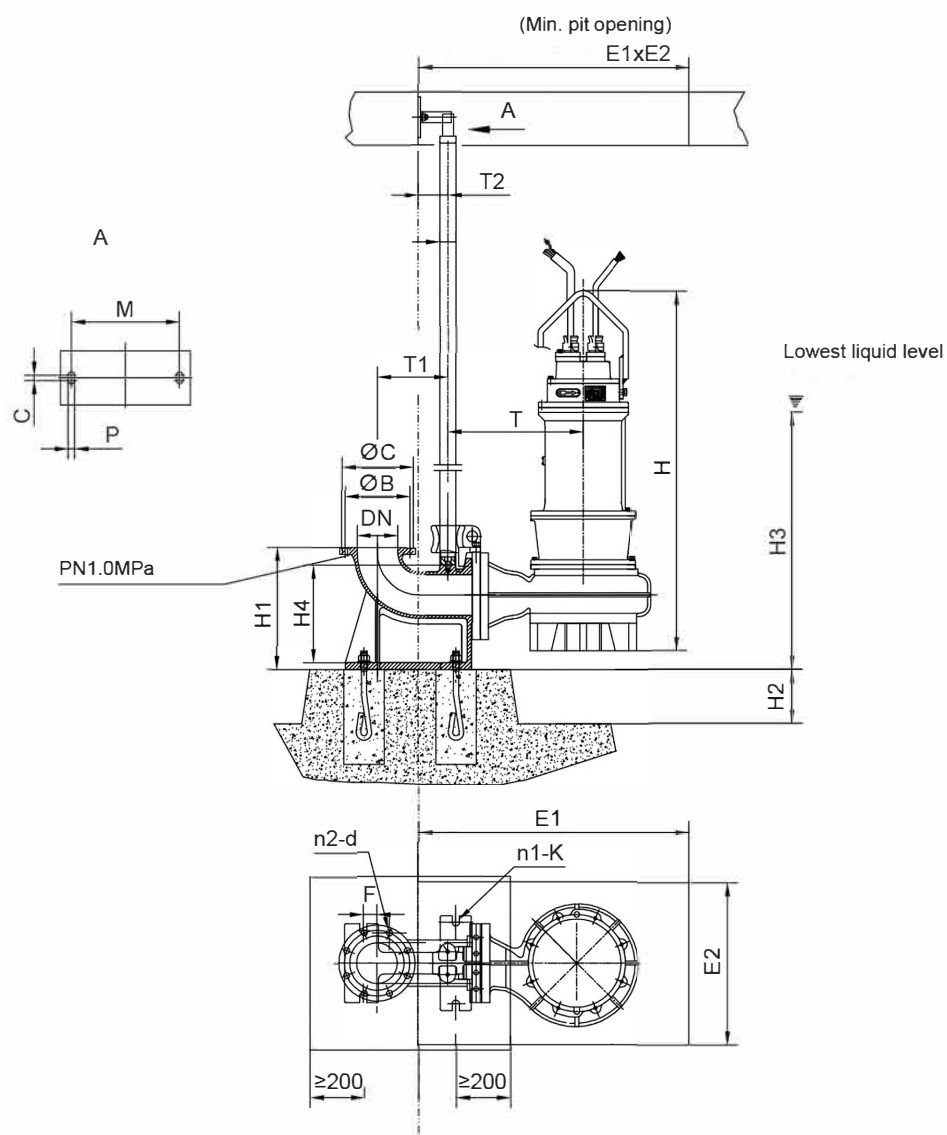
The pump is slid down to the base along the guide rail in the sump and couples with discharge pipe automatically by weight. No person is required to get into the mud pit for maintenance.



2. Movable installation

Pumps under 11 KW can be installed in this method. Simply put the pump in the desired worksite and connect it with discharge pipe.

Wet automatic installation



Installation dimensions

No	Model	DN	ØB	ØC	H	H1	H2	H3	H4	T	T1	T2	P	M	F	g1	g2	e	n2-d	n1-k	E1xE2
1	50MAQ7-15-1.1	65	145	180	394	250	50	350	198	248	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
2	50MAQ10-15-1.5	65	145	180	551	250	100	500	198	260	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
3	50MAQ20-10-1.5	65	145	180	551	250	100	500	198	260	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
4	50MAQ9-22-2.2	65	145	180	551	250	100	500	198	260	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
5	50MAQ15-15-2.2	65	145	180	551	250	100	500	198	260	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
6	50MAQ25-10-2.2	65	145	180	551	250	100	500	198	260	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
7	65MAQ35-7-2.2	65	145	180	570	250	50	500	198	290	180	110	12	195	50	180	180	260	4-Ø18	4-Ø20	700x600
8	50MAQ15-22-3	65	145	180	800	250	100	500	198	280	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
9	50MAQ25-15-3	65	145	180	800	250	100	500	198	280	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
10	65MAQ35-10-3	65	145	180	800	250	100	500	198	300	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
11	100MAQ70-7-3	100	180	229	670	395	100	550	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	700x600
12	100MAQ90-6-3	100	180	229	670	395	100	550	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	700x600
13	100MAQ100-3-5-3	100	180	229	800	395	100	550	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	700x600
14	50MAQ15-30-4	65	145	180	800	250	100	500	198	280	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
15	50MAQ20-22-4	65	145	180	800	250	100	500	198	280	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
16	65MAQ50-10-4	65	145	180	800	250	100	500	198	300	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
17	100MAQ100-7-4	100	180	229	670	395	100	550	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	700x600
18	50MAQ25-30-5.5	65	145	180	870	250	100	600	198	300	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
19	50MAQ30-22-5.5	65	145	180	870	250	100	600	198	300	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
20	80MAQ45-15-5.5	100	180	229	1050	395	200	800	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	800x600
21	100MAQ70-12-5.5	100	180	229	1050	395	200	800	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	800x600
22	100MAQ100-10-5.5	100	180	229	1050	395	200	800	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	800x600
23	150MAQ140-7-5.5	150	240	280	1080	450	100	800	385	440	260	110	12	200	50	240	300	340	8-Ø23	4-Ø27	900x700
24	200MAQ250-4-5.5	200	295	335	1080	615	100	900	500	570	268	110	12	195	50	240	300	340	8-Ø23	4-Ø27	1100x750
25	50MAQ12.5-50-7.5	65	145	180	870	250	100	600	198	300	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
26	50MAQ20-40-7.5	65	145	180	870	250	100	600	198	300	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
27	50MAQ25-45-7.5	65	145	180	870	250	100	600	198	300	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
28	50MAQ30-32-7.5	65	145	180	870	250	100	600	198	300	180	110	12	195	40	180	180	260	4-Ø18	4-Ø20	700x600
29	80MAQ45-22-7.5	100	180	229	1050	395	200	800	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	800x600
30	80MAQ70-15-7.5	100	180	229	1050	395	200	800	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	800x600
31	80MAQ100-14-7.5	100	180	229	1050	395	200	800	305	380	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	800x600
32	150MAQ145-10-7.5	150	240	280	1080	450	100	800	385	440	260	110	12	200	50	240	300	340	8-Ø23	4-Ø27	900x700
33	150MAQ210-7-7.5	150	240	280	1080	450	100	800	385	440	260	110	12	200	50	240	300	340	8-Ø23	4-Ø27	900x700
34	200MAQ400-4-7.5	200	295	335	1080	615	100	900	500	570	268	110	12	280	50	240	300	340	8-Ø23	4-Ø27	1100x750
35	80MAQ45-32-11	100	180	229	1200	395	200	850	305	440	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	850x600
36	100MAQ70-22-11	100	180	229	1200	395	200	850	305	440	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	850x600
37	100MAQ130-15-11	100	180	229	1100	395	200	900	305	450	260	110	12	200	50	240	240	340	8-Ø18	4-Ø20	850x600
38	150MAQ200-10-11	150	240	280	1230	450	100	900	385	440	260	110	12	200	50	240	300	340	8-Ø23	4-Ø27	900x700
39	200MAQ300-7-11	200	295	335	1230	615	100	900	500	538	268	120	14	280	152	520	520	480	8-Ø23	4-Ø35	1100x750

Installation dimensions

No	Model	DN	øB	øC	H	H1	H2	H3	H4	T	T1	T2	P	M	F	g1	g2	e	n2-d	n1-k	E1xE2
40	250MAQ520-3.5-11	250	350	390	1350	720	250	1000	545	597	423	140	14	280	185	700	700	650	12-ø23	4-ø40	1250x900
41	100MAQ80-30-15	100	180	229	1200	395	200	900	305	440	260	110	12	200	50	240	240	340	8-ø18	4-ø20	850x600
42	100MAQ100-22-15	100	180	229	1100	395	200	900	305	450	260	110	12	200	50	240	240	340	8-ø18	4-ø20	850x600
43	150MAQ150-15-15	150	240	280	1230	450	100	900	385	440	260	110	12	200	50	240	300	340	8-ø23	4-ø27	900x700
44	150MAQ200-12-15	150	240	280	1230	450	100	900	385	440	260	110	12	200	50	240	300	340	8-ø23	4-ø27	900x700
45	200MAQ400-7-15	200	295	335	1230	615	100	900	500	538	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1100x750
46	250MAQ700-4-15	250	350	390	1350	720	250	1000	545	597	423	140	14	280	185	700	700	650	12-ø23	4-ø40	1250x900
47	100MAQ50-50-18.5	100	180	229	1231	395	200	900	305	460	260	110	12	200	50	240	240	340	8-ø18	4-ø20	1000x680
48	100MAQ70-40-18.5	100	180	229	1231	395	200	900	305	460	260	110	12	200	50	240	240	340	8-ø18	4-ø20	1000x680
49	100MAQ100-28-18.5	100	180	229	1231	395	200	900	305	460	260	110	12	200	50	240	240	340	8-ø18	4-ø20	1000x600
50	200MAQ250-15-18.5	200	295	335	1300	615	150	950	500	532	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1100x800
51	200MAQ300-12-18.5	200	295	335	1300	615	150	1000	500	532	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1100x800
52	200MAQ500-7-18.5	200	295	335	1300	615	150	1000	500	532	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1100x800
53	250MAQ700-5-18.5	250	350	390	1520	720	300	1100	545	682	423	140	14	280	185	700	700	650	12-ø23	4-ø40	1500x1000
54	350MAQ1000-3.5-18.5	350	460	500	1520	750	300	1100	585	747	431	140	14	280	250	780	780	770	16-ø23	4-ø40	1500x1000
55	100MAQ100-34-22	100	180	229	1230	395	200	900	305	460	260	110	12	200	50	240	240	340	8-ø18	4-ø20	1000x680
56	150MAQ130-30-22	150	240	280	1262	450	150	950	385	430	260	110	12	200	50	240	300	340	8-ø23	4-ø27	1000x600
57	150MAQ150-22-22	150	240	280	1329	450	150	950	385	500	260	110	12	200	50	240	300	340	8-ø23	4-ø27	1000x700
58	200MAQ250-17-22	200	295	335	1329	615	150	950	500	512	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1100x800
59	200MAQ300-14-22	200	295	335	1300	615	150	1000	500	532	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1100x800
60	200MAQ400-10-22	200	295	335	1300	615	150	1000	500	532	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1100x800
61	250MAQ700-6-22	250	350	390	1520	720	200	1100	545	682	423	140	14	280	185	700	700	650	12-ø23	4-ø40	1450x1000
62	350MAQ1000-4.5-22	350	460	500	1520	750	300	1100	585	747	431	140	14	280	250	780	780	770	16-ø23	4-ø40	1500x1000
63	150MAQ100-40-30	150	240	280	1520	450	150	1000	385	530	260	110	12	200	50	240	300	340	8-ø23	4-ø27	1200x800
64	150MAQ150-36-30	150	240	280	1540	450	150	1000	385	560	260	110	12	200	50	240	300	340	8-ø23	4-ø27	1200x800
65	200MAQ250-22-30	200	295	335	1655	615	200	1100	500	655	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1250x850
66	200MAQ360-16-30	200	295	335	1655	615	200	1100	500	655	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1250x850
67	250MAQ500-13-30	250	350	390	1689	720	300	1100	545	702	423	140	14	280	185	700	700	650	12-ø23	4-ø40	1400x900
68	300MAQ800-8-30	300	400	445	1624	720	300	1100	545	682	423	140	14	280	--	780	780	770	12-ø23	4-ø40	1450x1200
69	350MAQ1100-6-30	350	460	500	1729	750	200	1200	585	837	431	140	14	280	300	780	780	770	12-ø23	4-ø40	1650x1200
70	150MAQ90-50-37	150	240	280	1520	450	150	1000	385	530	260	110	12	200	50	240	300	340	8-ø23	4-ø27	1200x800
71	150MAQ150-40-37	150	240	280	1520	450	150	1000	385	530	260	110	12	200	50	240	300	340	8-ø23	4-ø27	1200x800
72	200MAQ300-22-37	200	295	335	1655	615	200	1100	500	655	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1250x850
73	200MAQ400-18-37	200	295	335	1655	615	200	1100	500	655	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1250x850
74	250MAQ700-12-37	250	350	390	1689	720	300	1100	545	702	423	140	14	280	185	700	700	650	12-ø23	4-ø40	1400x1000
75	300MAQ850-10-37	300	400	445	1624	720	300	1100	545	682	423	140	14	280	--	590	590	490	12-ø23	4-ø40	1450x1200
76	350MAQ1100-8-37	350	460	500	1729	750	200	1200	585	837	431	140	14	280	300	780	780	770	16-ø23	4-ø40	1650x1200
77	200MAQ250-35-45	200	295	335	1562	615	200	1100	500	610	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1250x850
78	200MAQ400-24-45	200	295	335	1700	615	200	1150	500	655	268	120	14	280	152	520	520	480	8-ø23	4-ø35	1250x850

Installation dimensions

No	Model	DN	ØB	ØC	H	H1	H2	H3	H4	T	T1	T2	P	M	F	g1	g2	e	n2-d	n1-k	E1xE2
79	250MAQ600-16-45	250	350	390	1738	720	300	1200	545	702	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1400x1000
80	300MAQ900-12-45	300	400	445	1671	720	300	1150	545	702	423	140	14	280	--	590	590	490	12-Ø23	4-Ø40	1450x1200
81	350MAQ1100-10-45	350	460	500	1729	750	200	1200	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1200
82	200MAQ250-40-55	200	295	335	1562	615	200	1100	500	610	268	120	14	280	152	520	520	480	8-Ø23	4-Ø35	1250x850
83	200MAQ400-30-55	200	295	335	1700	615	200	1100	500	610	268	120	14	280	152	520	520	480	8-Ø23	4-Ø35	1250x850
84	250MAQ600-20-55	250	350	390	1738	720	300	1200	545	702	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1400x1000
85	300MAQ900-15-55	300	400	445	1671	720	300	1150	545	702	423	140	14	280	--	590	590	490	12-Ø23	4-Ø40	1450x1200
86	350MAQ1100-12-55	350	460	500	1729	750	300	1200	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1200
87	200MAQ350-40-75	200	295	335	2194	615	200	680	500	770	268	120	14	280	152	520	520	480	8-Ø23	4-Ø35	1650x1200
88	250MAQ600-26-75	250	350	390	2250	720	300	680	545	742	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1500x1100
89	250MAQ900-20-75	250	350	390	2250	720	300	680	545	742	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1500x1100
90	350MAQ1100-16-75	350	460	500	2250	750	400	700	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1300
91	350MAQ1500-11-75	350	460	500	2250	750	400	700	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1300
92	200MAQ400-40-90	200	295	335	2194	615	200	680	500	770	268	120	14	280	152	520	520	480	8-Ø23	4-Ø35	1650x1200
93	250MAQ600-35-90	250	350	390	2250	720	300	680	545	742	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1500x1100
94	250MAQ800-26-90	250	350	390	2250	720	300	680	545	742	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1500x1100
95	250MAQ950-22-90	250	350	390	2250	720	300	680	545	742	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1500x1100
96	350MAQ1200-18-90	350	460	500	2250	750	400	700	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1300
97	350MAQ1500-15-90	350	460	500	2250	750	400	700	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1300
98	250MAQ600-40-110	250	350	390	2190	720	300	680	545	780	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1550x1200
99	250MAQ800-36-110	250	350	390	2190	720	300	680	545	780	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1550x1200
100	250MAQ950-27-110	250	350	390	2190	720	300	680	545	780	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1550x1200
101	350MAQ1200-20-110	350	460	500	2250	750	400	700	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1300
102	350MAQ1600-17-110	350	460	500	2250	750	400	700	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1300
103	350MAQ2000-13-110	350	460	500	2250	750	400	700	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1300
104	200MAQ650-45-132	200	350	390	2301	720	300	1600	545	780	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1550x1200
105	250MAQ900-36-132	250	350	390	2301	720	300	1600	545	780	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1550x1200
106	350MAQ1000-28-132	350	460	500	2270	750	400	700	585	882	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1350
107	350MAQ1300-25-132	350	460	500	2270	750	400	700	585	882	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1350
108	350MAQ1600-20-132	350	460	500	2270	750	400	700	585	882	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1350
109	350MAQ2000-16-132	350	460	500	2270	750	400	700	585	837	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1350
110	500MAQ2600-12-132	500	620	670	2562	970	400	900	775	1230	650	140	14	280	105	780	780	900	20-Ø26	6-Ø40	2300x1900
111	250MAQ650-48-160	250	350	390	2301	720	300	700	545	780	423	140	14	280	185	700	700	650	12-Ø23	4-Ø40	1550x1200
112	350MAQ1000-37-160	350	460	500	2760	750	400	700	585	882	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1800x1400
113	350MAQ1200-32-160	350	460	500	2270	750	400	700	585	882	431	140	14	280	250	780	780	770	16-Ø23	4-Ø40	1650x1350
114	400MAQ1600-26-160	400	515	565	2600	800	400	800	655	1080	431	140	14	280	95	780	780	800	16-Ø26	4-Ø40	2000x1500
115	400MAQ2000-20-160	400	515	565	2600	800	400	800	655	1130	431	140	14	280	95	780	780	800	16-Ø26	4-Ø40	2100x1800
116	500MAQ2600-16-160	500	620	670	2600	970	400	800	775	1130	550	140	14	280	95	780	780	900	20-Ø26	6-Ø40	2100x1800
117	600MAQ3000-14-160	600	725	780	2880	1150	400	900	908	1170	700	140	14	280	130	880	880	1000	20-Ø30	6-Ø40	2300x1900

Installation dimensions

No	Model	DN	øB	øC	H	H1	H2	H3	H4	T	T1	T2	P	M	F	g1	g2	e	n2-d	n1-k	E1xE2
118	600MAQ3800-11-160	600	725	780	2880	1150	400	900	908	1170	700	140	14	280	130	880	880	1000	20-ø30	6-ø40	2300x1900
119	350MAQ1200-36-185	350	460	500	2760	750	400	700	585	882	431	140	14	280	250	780	780	770	16-ø23	4-ø40	1800x1400
120	400MAQ1800-25-185	400	515	565	2600	800	400	800	655	1130	550	140	14	280	95	780	780	800	16-ø26	4-ø40	2100x1800
121	500MAQ2600-18-185	500	620	670	2350	970	400	900	775	1230	650	140	14	280	105	780	780	900	20-ø26	6-ø40	2300x1900
122	600MAQ4000-11-185	600	725	780	2880	1150	400	900	908	1170	700	140	14	280	130	880	880	1000	20-ø30	6-ø40	2300x1900
123	350MAQ1200-40-200	350	460	500	2760	750	400	700	585	882	431	140	14	280	250	780	780	770	16-ø23	4-ø40	1800x1400
124	400MAQ1700-32-200	400	515	565	2315	800	400	800	655	1130	550	140	14	280	95	780	780	800	16-ø26	4-ø40	2100x1800
125	500MAQ2600-20-200	500	620	670	2350	970	400	900	775	1230	650	140	14	280	105	780	780	900	20-ø26	6-ø40	2300x1900
126	500MAQ3000-17-200	500	620	670	2562	970	400	900	775	1230	650	140	14	280	105	780	780	900	20-ø26	6-ø40	2300x1900
127	350MAQ1400-40-220	350	460	500	2760	750	400	700	585	882	431	140	14	280	250	780	780	770	12-ø23	4-ø40	2000x1500
128	400MAQ2000-26-220	400	515	565	2600	800	400	800	655	1130	550	140	14	280	95	780	780	800	16-ø26	6-ø40	2100x1800
129	400MAQ2400-22-220	400	515	565	2600	800	400	800	655	1130	550	140	14	280	95	780	780	800	16-ø26	6-ø40	2100x1800
130	500MAQ3000-20-220	500	620	670	2562	970	400	900	775	1230	650	140	14	280	105	780	780	900	20-ø26	6-ø40	2300x1900
131	400MAQ1900-32-250	400	515	565	2600	800	400	800	655	1080	550	140	14	280	95	780	780	800	16-ø26	6-ø40	2000x1500
132	500MAQ2600-25-250	500	620	670	2562	970	400	900	775	1230	650	140	14	280	105	780	780	900	20-ø26	6-ø40	2300x1900
133	500MAQ3000-23-250	500	620	670	2562	970	400	900	775	1230	650	140	14	280	105	780	780	900	20-ø26	6-ø40	2300x1900
134	600MAQ3800-17-250	600	725	780	2880	1150	400	900	908	1170	700	140	14	280	130	880	880	1000	20-ø30	6-ø40	2300x1900
135	400MAQ1900-40-280	400	515	565	2600	800	400	900	655	1080	550	140	14	280	95	780	780	800	16-ø26	6-ø40	2350x1900
136	500MAQ3000-25-280	500	620	670	2562	970	400	900	775	1230	650	140	14	280	105	780	780	900	20-ø26	6-ø40	2300x1900
137	600MAQ4000-16-280	600	725	780	2930	1150	400	900	908	1300	700	140	14	280	130	880	880	1000	20-ø30	6-ø40	2350x1900
138	500MAQ3000-28-315	500	620	670	2790	970	400	900	775	1230	650	140	14	280	105	780	780	900	20-ø26	6-ø40	2350x1900
139	600MAQ4000-20-315	600	725	780	2930	1150	400	900	908	1300	700	140	14	280	130	880	880	1000	20-ø30	6-ø40	2350x1900
140	600MAQ6000-15-355	600	725	780	3000	1150	400	900	908	1300	700	140	14	280	130	880	880	1000	20-ø30	6-ø40	2350x1900







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