

Italian deep-well pumps



Italian deep-well pumps



IBO ITALY FP4	IBO ITALY FP4 L
IBO ITALY FP4 X	IBO ITALY FP4 Q
IBO ITALY FP4 A	IBO ITALY AP6
IBO ITALY FP4 B	IBO ITALY AP6 E
IBO ITALY FP4 D	IBO ITALY AP6 F
IBO ITALY FP4 E	IBO ITALY AP6 H
IBO ITALY FP4 F	IBO ITALY AP6 L
IBO ITALY FP4 H	IBO ITALY FX6 FX8 FX10

Italian deep-well motors



4" IOM IBO ITALY OIL	8" IWM IBO ITALY
6" IOM IBO ITALY OIL	10" IWM IBO ITALY
6" IWM IBO ITALY	

IBO ITALY FP4

**Stainless steel
DRY RUN PRO
technology**



National Institute
of Public Health NIZP
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Hygienic Certificate

Multi-stage Italian deep-well pumps with a diameter of 98 mm, made of stainless steel, made using DRY RUN PRO technology. They are designed for installation in wells with a minimum internal diameter of 115 mm. Thanks to the use of DRY RUN PRO technology, FP4 series pumps are characterised by increased resistance to seizures in the case of dry operation. The pumps are used to supply water to single- and multi-family houses and farms, as well as to power irrigation systems (sprinklers, drip lines). The pumps are also used in industry, fire protection installations and drainage.

Characteristics:

- Increased resistance to sand
- Built-in non-return valve
- Top quality materials
- Long, failure-free operation based on Italian manufacturing technology
- 230 V or 400 V version
- Available with IBO Italy and IPRO motors
- Starter box (230 V version) with built-in overcurrent protection and capacitor
- Possibility to connect a cable of a specific length (multiple of 5 m)
- Thermal protection built into the motor winding (230 V version)
- Warranty and post-warranty service
- 36-month warranty

Technical data:

- Maximum liquid temperature: 35°C
- Power supply: 230 V or 400 V
- Insulation class: F
- Operating mode: continuous
- Ingress protection: IP68
- Power cable length: 1,5 m
- Working position: vertical / horizontal
- Max. number of starts per 1 hour: 30
- Motor speed: 2850 RPM

Materials:

- Suction/pressing body: AISI 304 stainless steel
- Housing: AISI 304 stainless steel
- Shaft and rotor: AISI 304 stainless steel
- Impeller: PA
- Diffuser: PA
- Mechanical seal: SiC / SiC / NBR



**Increased
resistance to sand
Floating impellers**



Model	Head (m)	Flow (l/min)	Motor power (kW)	Sand content g/m ³	Max. number of on-off cycles/hour	Possibility to work in a horizontal position
IBO ITALY FP4	340	500	7,5	185	30	✓

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Current consumption (A)	Connection (inch)	Dimensions diameter/length (mm)	Weight (kg) 230 V / 400 V
X 005	87	25	0,37	230 / 400	3,5 / 1,35	1¼	98 / 732	11,6 / 10,9
X 007	128	25	0,55	230 / 400	4,7 / 1,85	1¼	98 / 924	14,1 / 12,9
X 010	170	25	0,75	230 / 400	5,9 / 2,20	1¼	98 / 1002	16,4 / 14,9
X 015	255	25	1,1	230 / 400	8,6 / 3,00	1¼	98 / 1217	19,7 / 18,9
X 020	340	25	1,5	230 / 400	10,7 / 4,10	1¼	98 / 1470	23,7 / 21,7

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Power consumption (A)	Connection (inch)	Dimensions diameter/length (mm)	Weight (kg) 230 V / 400 V
A 005	63	40	0,37	230 / 400	3,5 / 1,36	1¼	98 / 710	11,5 / 10,8
A 007	90	40	0,55	230 / 400	4,7 / 1,85	1¼	98 / 835	13,6 / 12,4
A 010	124	40	0,75	230 / 400	5,9 / 2,20	1¼	98 / 977	15,9 / 14,4
A 015	181	40	1,1	230 / 400	8,6 / 3,00	1¼	98 / 1231	19,3 / 18,5
A 020	237	40	1,5	230 / 400	10,7 / 4,10	1¼	98 / 1464	22,7 / 20,7
A 030	356	40	2,2	230 / 400	14,8 / 5,6	1¼	98 / 2013	31,8 / 26,9

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Current consumption (A)	Connection (inch)	Dimensions diameter/length (mm)	Weight (kg) 230 V / 400 V
B 005	47	60	0,37	230 / 400	3,5 / 1,5	1¼	98 / 631	10,8 / 10,1
B 007	70	60	0,55	230 / 400	4,7 / 1,85	1¼	98 / 735	12,7 / 11,5
B 010	96	60	0,75	230 / 400	5,9 / 2,20	1¼	98 / 838	14,7 / 13,2
B 015	140	60	1,1	230 / 400	8,6 / 3,00	1¼	98 / 1000	17,2 / 16,4
B 020	187	60	1,5	230 / 400	10,7 / 4,10	1¼	98 / 1192	20,2 / 18,2
B 030	274	60	2,2	230 / 400	14,8 / 5,60	1¼	98 / 1602	28,1 / 23,2
B 040	373	60	3	400	- / 7,50	1¼	98 / 1910	- / 7,5

Model	kW	m³/h	0	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6	4,2	4,8	5,4	6	6,6	7,2	8,4	9,6	10,8	12	13,5	15	16,5	18	19,5	21	22,5	24	25,5	27								
			l/min	0	10	15	20	25	30	35	40	45	50	60	70	80	90	100	110	120	140	160	180	200	225	250	275	300	325	350	375	400	425	450							
			l/s	0	0,17	0,25	0,33	0,42	0,50	0,58	0,67	0,75	0,83	1,00	1,17	1,33	1,50	1,67	1,83	2,00	2,33	2,67	3,00	3,33	3,75	4,17	4,58	5,00	5,42	5,83	6,25	6,67	5,83	6,25							
FP4 X005	0,37		87	73	62	45	18																																		
FP4 X007	0,55		128	109	92	68	27																																		
FP4 X010	0,75		170	145	123	90	36																																		
FP4 X015	1,1		255	218	185	136	53																																		
FP4 X020	1,5		340	290	246	180	71																																		
FP4 A005	0,37		63	59	55	50	43	35	26	15																															
FP4 A007	0,55		90	85	80	72	62	51	37	20																															
FP4 A010	0,75		124	117	109	99	86	70	50	28																															
FP4 A015	1,1		181	171	159	144	125	101	73	41																															
FP4 A020	1,5		237	224	209	189	163	133	96	54																															
FP4 A030	2,2		356	336	313	283	245	199	144	81																															
FP4 B005	0,37		47		44	42	39	36	33	28	23	18																													
FP4 B007	0,55		70		65	63	59	54	49	43	35	27																													
FP4 B010	0,75		96		89	85	80	74	67	58	48	37																													
FP4 B015	1,1		140		129	124	117	107	96	83	68	50																													
FP4 B020	1,5		187		174	166	155	142	126	109	87	64																													
FP4 B030	2,2		274		254	243	227	208	185	159	128	94																													
FP4 B040	3		373		346	331	310	284	253	217	175	128																													
FP4 D005	0,37		33				31	30	30	29	27	26	23	18	13																										
FP4 D007	0,55		46				44	43	42	40	38	36	32	25	18																										
FP4 D010	0,75		65				62	61	59	57	55	52	45	36	25																										
FP4 D015	1,1		97				91	89	87	83	80	76	65	52	36																										
FP4 D020	1,5		129				121	119	116	111	106	101	87	69	48																										
FP4 D030	2,2		193				182	178	173	167	160	151	130	103	71																										
FP4 D040	3		257				241	235	228	220	209	198	170	134	90																										
FP4 D055	4		346				325	318	307	296	282	267	229	181	122																										
FP4 E005	0,37		27					26	25	25	24	22	20	17	13	9	5																								
FP4 E007	0,55		41					38	38	37	36	33	30	25	20	14	8																								
FP4 E010	0,75		54					51	50	49	48	44	40	33	26	19	11																								
FP4 E015	1,1		82					77	75	74	72	67	60	50	39	28	16																								
FP4 E020	1,5		109					102	101	98	96	89	79	67	53	38	22																								
FP4 E030	2,2		163					154	151	148	144	133	119	100	79	56	32																								
FP4 E040	3		218					205	201	197	191	178	159	134	105	75	43																								
FP4 E055	4		299					282	277	271	263	245	218	184	145	103	59																								
FP4 F007	0,55		27								23	22	22	21	20	19	18	17	16	12	8	4																			
FP4 F010	0,75		40								34	34	33	32	30	29	28	26	24	18	12	6																			
FP4 F015	1,1		60								51	51	49	47	46	44	41	39	35	28	19	9																			
FP4 F020	1,5		77								67	66	64	63	60	58	55	52	47	37	25	12																			
FP4 F030	2,2		116								101	100	97	94	91	87	83	77	71	55	37	18																			
FP4 F040	3		154								135	133	129	125	121	115	110	103	95	74	50	24																			
FP4 F055	4		210								187	184	178	173	166	159	150	140	129	101	67	27																			
FP4 F075	5,5		266								241	238	232	224	215	203	190	176	160	124	79	31																			
FP4 F100	7,5		370								330	325	315	305	294	280	265	248	227	179	118	47																			
FP4 H010	0,75		26											24	23	23	22	21	20	18	15	12	8	4																	
FP4 H015	1,1		39												35	35	34	33	32	30	27	23	18	12	5																
FP4 H020	1,5		52													47	46	45	44	43	40	36	30	24	16	7															
FP4 H030	2,2		78														71	69	68	67	64	60	53	46	37	23	11														
FP4 H040	3		104															94	93	91	89	86	80	71	61	49	31	14													
FP4 H055	4		144																129	127	125	123	121	113	102	88	69	44	16												
FP4 H075	5,5		197																	176	174	171	168	164	154	139	120	94	60	22											
FP4 H100	7,5		262																		235	231	228	224	219	206	185	159	126	80	30										
FP4 L020	1,5		36																		30	28	27	25	23	21	18	16	13	11	8										
FP4 L030	2,2		50																			42	40	37	35	33	29	25	22	19	15	11									
FP4 L040	3		72																				59	57	53	50	47	42	35	32	27	21	15								
FP4 L055	4		101																					83	79	75	70	65	59	49	45	37	29	21							
FP4 L075	5,5		137																						112	107	101	95	88	80	67	61	50	40	29						
FP4 L100	7,5		180																							148	142	133	125	116	105	88	80	66	53	38					
FP4 Q015	1,1		24																								20	19	18	17	16	15	14	13	11	10	8	7	5	3	
FP4 Q020	1,5		30																									25	24	23	22	20	19	17	16	14	12	10	8	6	4
FP4 Q030	2,2		48																																						

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Power consumption (A)	Connection (inch)	Dimensions diameter/length (mm)	Weight (kg) 230 V / 400 V
D 005	33	90	0,37	230 / 400	3,5 / 1,35	1¼	98 / 591	10,4 / 9,7
D 007	46	90	0,55	230 / 400	4,7 / 1,85	1¼	98 / 656	11,9 / 10,7
D 010	65	90	0,75	230 / 400	5,9 / 2,20	1¼	98 / 738	13,6 / 12,1
D 015	97	90	1,1	230 / 400	8,6 / 3,00	1¼	98 / 861	15,7 / 14,9
D 020	129	90	1,5	230 / 400	10,7 / 4,10	1¼	98 / 993	18,1 / 16,1
D 030	193	90	2,2	230 / 400	14,8 / 5,60	1¼	98 / 1290	24,7 / 19,8
D 040	257	90	3	400	- / 7,50	1¼	98 / 1479	- / 24,8
D 055	346	90	4	400	- / 9,80	1¼	98 / 1824	- / 30,9

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Power consumption (A)	Connection (inch)	Dimensions diameter/length (mm)	Weight (kg) 230 V / 400 V
E 005	27	110	0,37	230 / 400	3,5 / 1,35	1¼	98 / 579	10,3 / 9,6
E 007	41	110	0,55	230 / 400	4,7 / 1,85	1¼	98 / 648	11,8 / 10,6
E 010	54	110	0,75	230 / 400	5,9 / 2,20	1¼	98 / 714	13,3 / 11,8
E 015	82	110	1,1	230 / 400	8,6 / 3,00	1¼	98 / 824	15,2 / 14,4
E 020	109	110	1,5	230 / 400	10,7 / 4,10	1¼	98 / 945	17,5 / 15,5
E 030	163	110	2,2	230 / 400	14,8 / 5,60	1¼	98 / 1219	23,8 / 18,9
E 040	218	110	3	400	- / 7,50	1¼	98 / 1383	- / 23,5
E 055	299	110	4	400	- / 9,80	1¼	98 / 1712	- / 29,3

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Power consumption (A)	Connection (inch)	Dimensions diameter/length (mm)	Weight (kg) 230 V / 400 V
F 007	27	180	0,55	230 / 400	4,7 / 1,85	2	98 / 664	11,9 / 10,7
F 010	40	180	0,75	230 / 400	5,9 / 2,20	2	98 / 760	13,6 / 12,1
F 015	60	180	1,1	230 / 400	8,6 / 3,00	2	98 / 894	15,7 / 14,9
F 020	77	180	1,5	230 / 400	10,7 / 4,10	2	98 / 1037	18,1 / 16,1
F 030	116	180	2,2	230 / 400	14,8 / 5,60	2	98 / 1356	24,7 / 19,8
F 040	154	180	3	400	- / 7,50	2	98 / 1567	- / 24,8
F 055	210	180	4	400	- / 9,80	2	98 / 2000	- / 31,4
F 075	266	180	5,5	400	- / 12,7	2	98 / 2537	- / 41,5
F 100	370	180	7,5	400	- / 16,9	2	98 / 3176	- / 50,5

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Power consumption (A)	Connection (inch)	Dimensions diameter/length (mm)	Weight (kg) 230 V / 400 V
H 010	26	250	0,75	230 / 400	5,9 / 2,20	2	98 / 698	13,0 / 11,5
H 015	39	250	1,1	230 / 400	8,6 / 3,00	2	98 / 801	14,8 / 14,0
H 020	52	250	1,5	230 / 400	10,7 / 4,10	2	98 / 914	16,9 / 14,9
H 030	78	250	2,2	230 / 400	14,8 / 5,60	2	98 / 1171	22,9 / 18,8
H 040	104	250	3	400	- / 7,50	2	98 / 1288	- / 21,9
H 055	144	250	4	400	- / 9,80	2	98 / 1624	- / 27,7
H 075	197	250	5,5	400	- / 12,7	2	98 / 2044	- / 36,4
H 100	262	250	7,5	400	- / 16,9	2	98 / 2523	- / 43,9

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Power consumption (A)	Connection (inch)	Dimensions diameter/length (mm)	Weight (kg) 230 V / 400 V
L 020	36	400	1,5	230 / 400	10,7 / 4,10	2	98 / 889	16,3 / 14,3
L 030	50	400	2,2	230 / 400	14,8 / 5,60	2	98 / 1119	21,8 / 16,9
L 040	72	400	3	400	- / 7,50	2	98 / 1259	- / 20,7
L 055	101	400	4	400	- / 9,80	2	98 / 1567	- / 25,8
L 075	137	400	5,5	400	- / 12,7	2	98 / 1971	- / 34,0
L 100	180	400	7,5	400	- / 16,9	2	98 / 2417	- / 40,7

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Power consumption (A)	Connection (inch)	Dimensions diameter/length (mm)	Weight (kg) 230 V / 400 V
Q 15	24	500	1,1	230 / 400	8,6 / 3,00	2	98 / 833	14,8 / 14,0
Q 20	30	500	1,5	230 / 400	10,7 / 4,10	2	98 / 934	16,7 / 14,7
Q 30	48	500	2,2	230 / 400	14,8 / 5,60	2	98 / 1236	22,8 / 17,9
Q 40	65	500	3	230 / 400	- / 7,50	2	98 / 1396	- / 22,0
Q 55	89	500	4	400	- / 9,80	2	98 / 1766	- / 27,8
Q 75	119	500	5,5	400	- / 12,7	2	98 / 2204	- / 36,3
Q 100	161	500	7,5	400	- / 16,9	2	98 / 2693	- / 43,4

IBO ITALY AP6

Stainless steel



National Institute
of Public Health NIPH
– National Research
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Hygienic Certificate

PRODUKT Z ATTESTEM

Multi-stage Italian deep-well pumps from the AP6 series, which, after the FP4 series, are another very successful design from the leading Italian pump manufacturer. They were designed for drilling holes with a minimum internal diameter of 180 mm. They are characterised by high quality workmanship, and their reliable design, developed by Italian engineers, allows for many years of failure-free use. The pumps are used to supply water to single- and multi-family houses and farms, as well as to power irrigation systems (sprinklers, drip lines). The pumps are also used in industry, fire protection installations and drainage.

Characteristics:

- Increased resistance to sand
- Built-in non-return valve
- Top quality materials
- Long, failure-free operation based on Italian manufacturing technology
- Available with IBO Italy motors
- Possibility to connect a cable of a specific length (multiple of 5 m)
- Thermal protection built into the motor winding (230 V version)
- Warranty and post-warranty service
- 36-month warranty

Technical data:

- Maximum liquid temperature: 35°C
- Power supply: 400 V
- Insulation class: F
- Operating mode: continuous
- Ingress protection: IP68
- Power cable length: 1,5 m
- Working position: vertical / horizontal
- Max. number of starts per 1 hour: 30
- Motor speed: 2850 RPM



Model	kW	m³/h	0	3	4,5	6	7,5	9	10,5	12	13,5	15	16,5	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66
		l/min	0	50	75	100	125	150	175	200	225	250	275	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
		l/s	0	0,83	1,25	1,67	2,08	2,50	2,92	3,33	3,75	4,17	4,58	5,00	5,83	6,67	7,50	8,33	9,17	10,0	10,8	11,7	12,5	13,3	14,2	15,0	15,8	16,7	17,5	18,3
AP6 E2	1,5	28						25	24	24	23	22	21	20	18	15	13	10	7	4										
AP6 E3	2,2	42						38	37	35	34	33	32	30	27	23	19	15	10	5										
AP6 E4	3	56						50	49	47	46	44	42	40	36	31	26	20	14	7										
AP6 E5	4	70						63	61	59	57	55	53	50	45	39	32	25	17	9										
AP6 E10	7,5	140						125	122	118	114	110	105	100	89	77	64	50	34	18										
AP6 E15	11	210						188	183	177	171	164	158	150	134	116	96	75	51	27										
AP6 E20	15	280						251	244	236	228	219	210	200	178	154	128	100	69	36										
AP6 E25	18,5	350						314	305	296	285	274	263	250	223	193	160	125	86	45										
AP6 E30SD	22	420						376	366	355	342	329	315	300	268	232	192	149	103	54										
AP6 E35SD	26	490						439	427	414	399	383	368	350	312	270	224	174	120	63										
AP6 E40SD	30	560						502	488	473	456	438	420	400	357	309	256	199	137	72										
AP6 E50SD	37	700						627	610	591	571	548	525	500	446	386	320	249	172	90										
AP6 E58ST	45	812						727	707	686	662	635	609	579	517	448	371	289	199	104										
AP6 F3	3	46						40	39	38	36	35	32	29	25	21	16	10	4											
AP6 F4	4	61						53	52	50	49	47	43	39	33	27	21	13	5											
AP6 F6	5,5	92						79	77	75	73	70	65	58	50	41	31	20	8											
AP6 F8	7,5	122						106	103	100	97	94	86	77	67	55	42	27	11											
AP6 F10	9,2	153						132	129	125	121	117	108	97	84	69	52	34	14											
AP6 F12	11	184						159	155	150	146	141	129	116	100	82	63	40	16											
AP6 F14	13	214						185	180	175	170	164	151	135	117	96	73	47	19											
AP6 F16	15	245						212	206	200	194	187	172	154	134	110	83	54	22											
AP6 F20	18,5	306						264	258	251	243	234	215	193	167	137	104	67	27											
AP6 F24	22	367						317	309	301	291	281	258	232	200	164	125	81	32											
AP6 F28SD	26	428						370	361	351	340	328	301	270	234	192	146	94	38											
AP6 F32SD	30	490						423	412	401	388	375	344	309	267	219	167	108	43											
AP6 F40SD	37	612						529	515	501	486	468	430	386	334	274	208	134	54											
AP6 F46SD	45	704						608	592	576	558	539	495	444	384	315	240	155	62											
AP6 H2	3	31												28	27	26	25	23	21	19	16	13	10	7	3					
AP6 H3	4	47												42	40	39	37	35	32	28	24	20	15	10	4					
AP6 H4	5,5	62												55	54	52	49	46	42	38	32	26	20	13	6					
AP6 H5	7,5	78												69	67	65	62	58	53	47	40	33	25	17	7					
AP6 H6	9,2	93												83	81	78	74	70	64	57	48	39	30	20	8					
AP6 H8	11	124												111	108	104	99	93	85	76	65	53	40	26	11					
AP6 H9	13	140												125	121	117	111	104	96	85	73	59	45	30	13					
AP6 H10	15	155												139	135	130	124	116	106	95	81	66	50	33	14					
AP6 H13	18,5	202												180	175	169	161	151	138	123	105	86	64	43	18					
AP6 H16	22	248												222	216	208	198	186	170	151	129	105	79	53	22					
AP6 H19	26	295												264	256	246	235	220	202	180	154	125	94	63	27					
AP6 H22	30	341												305	296	285	272	255	234	208	178	145	109	73	31					
AP6 H27SD	37	419												374	364	350	334	313	287	255	218	178	134	89	38					
AP6 H32SD	45	496												444	431	415	396	371	340	302	259	211	158	106	45					
AP6 L4	7,5	52													47	45	42	39	36	33	31	28	26	24	21	18	14	9	4	
AP6 L6	9,2	77													70	68	63	58	54	50	46	43	39	36	32	27	21	14	6	
AP6 L7	11	90													82	79	74	68	63	58	54	50	46	42	37	32	25	16	7	
AP6 L8	13	103													93	90	84	78	72	66	61	57	53	48	43	36	28	18	8	
AP6 L9	15	116													105	101	95	88	81	75	69	64	59	54	48	41	32	21	9	
AP6 L12	18,5	155													140	135	126	117	107	99	92	85	79	72	64	54	42	28	12	
AP6 L14	22	181													163	158	147	136	125	116	108	100	92	84	74	63	49	32	14	
AP6 L17	26	219													198	191	179	165	152	141	131	121	112	102	90	77	60	39	17	
AP6 L19	30	245													221	214	200	185	170	157	146	135	125	114	101	86	67	44	19	
AP6 L24S	37	310													280	270	252	234	215	199	184	171	158	144	128	108	84	55	24	
AP6 L28SD	45	361													326	315	294	272	251	232	215	199	184	168	149	126	98	64	28	

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power supply (V)	Power consumption (A)	Connection (inch)	Motor Diameter (inch)	Length* (mm)	Weight (kg)
AP6 E2	28	600	1,5	400	4,6	3	4	787	19
AP6 E3	42	600	2,2	400	6,2	3	4	879	22
AP6 E4	56	600	3	400	7,8	3	4	934	24
AP6 E5	70	600	3,7	400	9,8	3	4	1041	26
AP6 E7	80	600	5,5	400	13,8	3	6	1224	30
AP6 E10	140	600	7,5	400	18	3	6	1542	74
AP6 E15	210	600	11	400	26	3	6	1912	90
AP6 E20	280	600	15	400	34	3	6	2339	99
AP6 E25	350	600	18,5	400	41	3	6	2713	120
AP6 E30SD	420	600	22	400	49	3	6	3221	145
AP6 E35SD	490	600	26	400	57	3	6	3601	161
AP6 E40SD	560	600	30	400	67	3	6	4030	173
AP6 E50SD	700	600	37	400	74	3	6	4632	190
AP6 E58SD	812	600	45	400	95	3	6	5048	196
AP6 F3	46	650	3	400	78	3	4	879	23
AP6 F4	61	650	4	400	98	3	4	984	26
AP6 F6	92	650	55	400	138	3	4	1168	32
AP6 F8	122	650	75	400	18	3	6	1428	72
AP6 F10	153	650	92	400	22	3	6	1582	79
AP6 F12	184	650	11	400	26	3	6	1741	86
AP6 F14	214	650	13	400	30	3	6	1900	93
AP6 F16	245	650	15	400	34	3	6	2059	99
AP6 E20	306	650	185	400	41	3	6	2429	115
AP6 E24	367	650	22	400	49	3	6	2741	128
AP6 F28SD	428	650	26	400	57	3	6	3202	153
AP6 F32SD	490	650	30	400	67	3	6	3470	161
AP6 F40SD	612	650	37	400	74	3	6	3958	196
AP6 F46SD	704	650	45	400	95	3	6	4374	182

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power consumption (A)	Connection (inch)	Motor Diameter (inch)	Length* (mm)	Weight (kg)
AP6 H2	31	850	3	7,8	3	4	828	21
AP6 H3	47	850	4	9,8	3	4	936	25
AP6 H4	62	850	5,5	13,8	3	4	1066	29
AP6 H5	78	850	7,5	18	3	6	1272	68
AP6 H6	93	850	9,2	22	3	6	1372	74
AP6 H8	124	850	11	26	3	6	1537	81
AP6 H9	140	850	13	30	3	6	1642	87
AP6 H10	155	850	15	34	3	6	1747	92
AP6 H13	202	850	18,5	41	3	6	2017	106
AP6 H16	248	850	22	49	3	6	2282	118
AP6 H19	295	850	26	57	3	6	2609	134
AP6 H22	341	850	30	67	3	6	2829	141
AP6 H27S	419	850	37	74	3	6	3160	157
AP6 H32SD	496	850	45	95	3	6	3672	169

Model	Head (m)	Flow (l/min)	Motor power (kW)	Power consumption (A)	Motor Diameter (inch)	Length* (mm)	Weight (kg)
AP6 L4	52	1100	7,5	18	6	528	67
AP6 L6	77	1100	9,2	22	6	648	74
AP6 L7	90	1100	11	26	6	708	80
AP6 L8	103	1100	13	30	6	768	86
AP6 L9	116	1100	15	34	6	828	91
AP6 L12	155	1100	18,5	41	6	1008	103
AP6 L14	181	1100	22	49	6	1128	114
AP6 L17	219	1100	26	57	6	1308	128
AP6 L19	245	1100	30	67	6	1480	137
AP6 L245	310	1100	37	74	6	1779	153
AP6 L285	361	1100	45	95	6	1959	158

* Długość pompy z silnikiem.

IBO ITALY FX6 | FX8 | FX10

Multi-stage Italian cast iron deep-well pumps from the FX series designed for wells with a minimum internal diameter of 180 mm (FX6). The maximum diameter of the pumps including the cable cover is 153 mm for FX6 pumps, FX8 – 193 mm, FX10 – 245 mm. The pumps are characterised by high quality of workmanship, and their reliable design, developed by Italian engineers, allows for many years of failure-free use. The pumps are used to supply water to multi-family houses and farms, as well as to power irrigation systems (sprinklers, drip lines). The pumps are also used in industry, fire protection installations and drainage.

Pumps available on order, delivery time up to 21 days.

Characteristics:

- Top quality materials
- Long, failure-free operation based on Italian manufacturing technology
- Available with IBO Italy motors
- Possibility to connect a cable of a specific length (multiple of 5 m)
- Warranty and post-warranty service
- 36-month warranty

Technical data:

- Maximum liquid temperature: 35°C
- Power supply: 400 V
- Insulation class: F
- Operating mode: continuous
- Ingress protection: IP68
- Power cable length: 1,5 m
- Working position: vertical / horizontal
- Max. number of starts per 1 hour: 30
- Motor speed: 2850 RPM



National Institute of Public Health NIH
– National Research Institute
Hygienic Certificate



Model	kW	Średnica silnika (cale)	Pobór prądu (A)	m³/h	0	12	15	18	21	24	27	30	33	36	39	42	45	48	Długość (mm)	Waga (kg)
					l/min	0	200	250	300	350	400	450	500	550	600	650	700	750		
					l/s	0	4,17	5,00	5,83	6,67	6,67	7,50	8,33	9,17	10,0	10,8	11,7	12,5		
FX6 35/03	4	6	12	H (m)	49	41	40	38	36	34	31	29	26	23	19	16	12	8	590	29
FX6 35/04	5,5	6	15		65	55	53	50	48	45	42	38	35	31	26	21	16	11	698	35
FX6 35/06	7,5	6	18		97	83	79	75	71	68	63	58	52	46	39	32	24	16	914	47
FX6 35/07	9,2	6	22		113	97	92	88	83	79	73	67	60	54	45	37	28	19	1022	53
FX6 35/09	11	6	26		146	124	119	113	107	101	94	86	78	69	58	48	36	24	1238	65
FX6 35/10	13	6	30		162	138	132	126	119	113	104	96	86	77	65	53	40	27	1346	71
FX6 35/12	15	6	34		194	166	158	151	143	135	125	115	104	92	78	63	48	32	1562	83
FX6 35/15	18,5	6	41		243	207	198	189	179	169	156	144	129	115	97	79	60	41	1886	101
FX6 35/18	22	6	49		292	248	237	226	214	203	188	173	155	138	116	95	72	49	2210	119
FX6 35/21	26	6	57		340	290	277	264	250	236	219	202	181	161	136	111	84	57	2534	138
FX6 35/24	30	6	67		389	331	317	302	286	270	250	230	207	184	155	127	96	65	2858	156
FX6 35/27	37	6	74		437	373	356	340	322	304	281	259	233	207	175	143	108	73	3182	173
FX6 35/30	37	6	74		486	414	396	377	357	338	313	288	259	230	194	159	120	81	3506	191

Model	kW	Średnica silnika (cale)	Pobór prądu (A)	m³/h	0	18	21	24	27	30	33	36	39	42	45	48	51	54	60	66	Długość (mm)	Waga (kg)
					l/min	0	300	350	400	450	500	550	600	650	700	750	800	850	900	1000	1100	
					l/s	0	5,83	6,67	6,67	7,50	8,33	9,17	10,0	10,8	11,7	12,5	13,3	14,2	15,0	16,7	18,3	
FX6 45/02	4	6	12	H (m)	32	27	26	25	24	23	22	21	20	19	18	17	15	14	10	6	482	23
FX6 45/03	5,5	6	15		48	40	39	37	36	35	33	32	30	28	26	25	23	20	15	9	590	29
FX6 45/04	7,5	6	18		64	53	51	50	48	46	44	42	40	38	35	33	30	27	20	12	698	35
FX6 45/05	7,5	6	18		80	67	64	62	60	58	55	53	50	47	44	41	38	34	26	15	806	41
FX6 45/06	9,2	6	22		96	80	77	74	72	69	66	63	60	56	53	50	45	41	31	18	914	47
FX6 45/07	11	6	26		112	93	90	87	84	81	77	74	70	66	62	58	53	48	36	21	1022	53
FX6 45/08	13	6	30		128	106	103	99	96	92	88	84	80	75	71	66	60	54	41	24	1130	59
FX6 45/10	15	6	34		160	133	129	124	120	115	110	105	100	94	88	83	75	68	51	30	1346	71
FX6 45/12	18,5	6	41		192	160	154	149	143	138	132	126	119	113	106	99	90	82	61	36	1562	83
FX6 45/14	22	6	49		224	186	180	174	167	161	154	147	139	132	124	116	105	95	71	42	1778	95
FX6 45/15	22	6	49		240	200	193	186	179	173	165	158	149	141	132	124	113	102	77	45	1886	101
FX6 45/16	26	6	57		256	213	206	198	191	184	176	168	159	150	141	132	120	109	82	48	1994	107
FX6 45/17	26	6	57		272	226	218	211	203	196	187	179	169	160	150	140	128	116	87	51	2102	114
FX6 45/18	30	6	67		288	239	231	223	215	207	198	189	179	169	159	149	135	122	92	54	2210	119
FX6 45/20	30	6	67		320	266	257	248	239	230	220	210	199	188	177	165	151	136	102	60	2426	131
FX6 45/22	37	6	74		352	293	283	273	263	253	242	231	219	207	194	182	166	150	112	66	2642	143
FX6 45/24	37	6	74		384	319	308	298	287	276	264	252	239	226	212	198	181	163	122	72	2858	156
FX6 45/26	45	6	95		416	346	334	322	311	299	286	273	259	244	229	215	196	177	133	79	3074	168
FX6 45/28	45	6	95		448	372	360	347	335	322	308	294	279	263	247	231	211	190	143	85	3290	179

Model	kW	Średnica silnika (cale)	Pobór prądu (A)	m³/h	0	24	27	30	33	36	39	42	45	48	51	54	60	66	72	78	84	Długość (mm)	Waga (kg)
					l/min	0	400	450	500	550	600	650	700	750	800	850	900	1000	1100	1200	1300	1400	
					l/s	0	6,67	7,50	8,33	9,17	10,0	10,8	11,7	12,5	13,3	14,2	15,0	16,7	18,3	20,0	21,7	23,3	
FX6 55/02	4	6	12	H (m)	30	27	26	26	25	24	23	22	22	21	20	19	16	13	10	7	3	482	23
FX6 55/03	5,5	6	15		45	40	39	38	37	36	35	34	32	31	29	28	24	20	15	10	5	590	29
FX6 55/04	7,5	6	18		60	54	52	51	50	48	47	45	43	41	39	37	32	27	20	14	6	698	35
FX6 55/05	9,2	6	22		75	67	66	64	62	60	58	56	54	52	49	47	41	34	26	17	8	806	41
FX6 55/06	11	6	26		90	80	79	77	75	72	70	67	65	62	59	56	49	40	31	20	10	914	47
FX6 55/07	13	6	30		105	94	92	90	87	84	81	79	75	72	69	65	57	47	36	24	11	1022	53
FX6 55/08	15	6	34		120	107	105	102	99	96	93	90	86	83	78	74	65	54	41	27	13	1130	59
FX6 55/10	18,5	6	41		150	134	131	128	124	121	116	112	108	103	98	93	81	67	51	34	16	1346	71
FX6 55/12	22	6	49		180	161	157	154	149	145	140	135	129	124	118	112	97	80	61	41	19	1562	83
FX6 55/14	26	6	57		210	188	183	179	174	169	163	157	151	144	137	130	113	94	71	48	22	1778	95
FX6 55/16	30	6	67		240	214	210	205	199	193	186	180	172	165	157	149	130	107	82	54	26	1994	107
FX6 55/18	37	6	74		270	241	236	230	224	217	209	202	194	186	177	167	146	121	92	61	29	2210	119
FX6 55/20	37	6	74		300	268	262	256	249	241	233	224	215	206	196	186	162	134	102	68	32	2426	131
FX6 55/22	45	6	95		330	295	288	282	273	265	256	247	237	227	216	205	178	147	112	75	35	2642	143
FX6 55/24	45	6	95		360	322	314	307	298	289	279	269	258	248	235	223	194	161	122	82	38	2858	156

Model	kW	Średnica silnika (cale)	Pobór prądu (A)	m³/h	0	30	33	36	39	42	45	48	51	54	60	66	72	78	84	90	96	Długość (mm)	Waga (kg)
					l/min	0	500	550	600	650	700	750	800	850	900	1000	1100	1200	1300	1400	1500	1600	
					l/s	0	8,33	9,17	10,0	10,8	11,7	12,5	13,3	14,2	15,0	16,7	18,3	20,0	21,7	23,3	25,0	26,7	
FX6 65/02	4	6	11	H (m)	30	26	26	25	24	24	23	22	22	21	19	17	14	12	8	5	2	1076	68
FX6 65/03	7,5	6	18		45	39	38	38	37	36	35	34	32	31	29	25	22	17	13	8	2	1274	86
FX6 65/04	9,2	6	22		60	52	51	50	49	48	46	45	43	42	38	34	29	23	17	10	3	1422	97
FX6 65/05	11	6	26		75	66	64	63	61	60	58	56	54	52	48	42	36	29	21	13	4	1575	108
FX6 65/06	13	6	29		90	79	77	75	73	71	69	67	65	63	57	51	43	35	25	15	5	1728	119
FX6 65/07	15	6	33		105	92	90	88	85	83	81	78	76	73	67	59	50	40	30	18	6	1881	129
FX6 65/08	18,5	6	41		120	105	102	100	98	95	92	90	87	84	77	68	58	46	34	20	6	2079	146
FX6 65/10	22	6	41		150	131	128	125	122	119	116	112	108	105	96	85	72	58	42	26	8	2187	152
FX6 65/12	26	6	49		180	157	154	150	146	143	139	134	130	125	115	102	87	69	51	31	10	2380	167
FX6 65/14	30	6	49		210	183	179	175	171	167	162	157	152	146	134	118	101	81	59	36	11	2488	173
FX6 65/15	37	6	57		225	197	192	188	183	179	173	168	162	157	144	127	108	87	64	38	12	2691	189
FX6 65/17	37	6	67		255	223	218	213	207	202	196	190	184	178	163	144	123	98	72	43	14	2947	205
FX6 65/19	45	6	74		285	249	243	238	232	226	219	213	206	199	182	161	137	110	81	48	15	3195	223
FX6 65/21	45	6	74		315	275	269	263	256	250	243	235	227	219	201	178	151	121	89	54	17	3411	235

Model	kW	Pobór prądu (A)	m³/h	0	24	30	36	42	48	54	60	66	72	78	84	90	96	108	120	132	144	156	168	180	192	Długość (mm)	Waga (kg)
			l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000	3200		
			l/s	0	6,70	8,33	10,0	11,7	13,3	15,0	16,7	18,3	20,0	21,7	23,3	25,0	26,7	30,0	33,3	36,7	40,0	43,3	46,7	50,0	53,3		
FX8 70/01	4	12	H (m)	27	23	21	20	19	18	17	15	14	13	11	9	8	6									458	32
FX8 70/02	7,5	18		55	45	43	40	38	36	33	31	28	25	22	19	15	11									592	44
FX8 70/03	11	26		82	68	64	61	57	54	50	46	43	38	33	28	23	17									726	55
FX8 70/04	15	34		109	90	85	81	76	71	67	62	57	51	44	37	31	22									860	67
FX8 70/05	18,5	41		136	113	107	101	95	89	84	77	71	63	55	47	38	28									994	78
FX8 70/06	22	49		164	135	128	121	114	107	100	93	85	76	66	56	46	33									1 128	90
FX8 70/07	26	57		191	158	150	141	133	125	117	108	99	89	77	65	54	39									1 262	101
FX8 70/08	30	62		218	180	171	162	152	143	134	124	113	101	88	75	61	44									1 396	115
FX8 70/09	37	77		246	203	192	182	171	161	150	139	128	114	99	84	69	50									1 530	126
FX8 70/10	37	77		273	226	214	202	190	179	167	155	142	127	110	94	76	55									1 664	138
FX8 70/11	45	87		300	248	235	222	209	196	184	170	156	139	121	103	84	61									1 798	149
FX8 70/12	45	87		327	271	256	242	228	214	200	186	170	152	132	112	92	66									1 932	161
FX8 70/13	52	100		355	293	278	262	247	232	217	201	184	165	143	122	99	72									2 066	172
FX8 70/14	52	100		382	316	299	283	266	250	234	217	198	177	154	131	107	77									2 200	184
FX8 70/15	55	110		409	338	321	303	285	268	251	232	213	190	165	140	115	83									2 334	195
FX8 70/16	59	113		437	361	342	323	304	286	267	248	227	203	176	150	122	89									2 468	207
FX8 90/01	5,5	15	H (m)	28			23	22	21	20	19	18	18	17	16	15	14	12	9	6						458	32
FX8 90/02	9,2	22		56			45	43	42	40	38	37	35	33	32	30	28	23	18	13						592	44
FX8 90/03	15	34		84			68	65	62	60	57	55	53	50	47	45	42	35	27	19						726	55
FX8 90/04	18,5	41		112			90	87	83	80	76	73	70	67	63	60	56	47	36	25						860	67
FX8 90/05	26	57		140			113	108	104	100	96	91	88	84	79	74	69	59	45	31						994	78
FX8 90/06	30	62		168			135	130	125	120	115	110	105	100	95	89	83	70	54	38						1 128	90
FX8 90/07	37	77		196			158	152	146	140	134	128	123	117	111	104	97	82	63	44						1 262	101
FX8 90/08	45	87		224			180	173	167	160	153	146	140	134	127	119	111	94	72	50						1 396	115
FX8 90/09	45	87		251			203	195	187	179	172	165	158	150	142	134	125	105	82	57						1 530	126
FX8 90/10	52	100		279			225	217	208	199	191	183	175	167	158	149	139	117	91	63						1 664	138
FX8 90/11	55	110		307			248	238	229	219	210	201	193	184	174	164	153	129	100	69						1 798	149



Model	kW	Pobór prądu (A)	m³/h	0	24	30	36	42	48	54	60	66	72	78	84	90	96	108	120	132	144	156	168	180	192	Długość (mm)	Waga (kg)
			l/min	0	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000	3200		
			l/s	0	6,70	8,33	10,0	11,7	13,3	15,0	16,7	18,3	20,0	21,7	23,3	25,0	26,7	30,0	33,3	36,7	40,0	43,3	46,7	50,0	53,3		
FX8 90/12	59	113	H (m)	335			270	260	250	239	229	220	210	200	190	179	167	140	109	76						1 932	161
FX8 90/13	67	130		363			293	282	271	259	249	238	228	217	206	193	180	152	118	82						2 066	172
FX8 90/14	74	143		391			315	303	292	279	268	256	245	234	222	208	194	164	127	88						2 200	184
FX8 90/15	74	143		419			338	325	312	299	287	274	263	251	237	223	208	176	136	94						2 334	195
FX8 90/16	81	158		447			360	347	333	319	306	293	280	267	253	238	222	187	145	101						2 468	207
FX8 110/01	5,5	15		26					21	20	20	19	18	17	17	16	15	13	10	8	5	2				458	32
FX8 110/02	11	26		52					42	41	39	38	36	35	33	32	30	26	21	15	10	3				592	44
FX8 110/03	15	34		78					64	61	59	57	55	52	50	47	45	39	31	23	14	5				726	55
FX8 110/04	22	49		104					85	82	79	76	73	70	67	63	60	52	41	31	19	6				860	67
FX8 110/05	26	57		130					106	102	99	95	91	87	83	79	75	64	52	38	24	8				994	78
FX8 110/06	37	77		156					127	123	118	114	109	105	100	95	90	77	62	46	29	9				1 128	90
FX8 110/07	37	77		182					148	143	138	133	128	122	117	111	105	90	72	54	34	11				1 262	101
FX8 110/08	45	87		208					169	164	158	152	146	140	133	126	120	103	83	61	39	12				1 396	115
FX8 110/09	52	100		234					191	184	177	171	164	157	150	142	134	116	93	69	43	14				1 530	126
FX8 110/10	52	100		260					212	204	197	190	182	174	166	158	149	129	104	76	48	15				1 664	138
FX8 110/11	59	113		286					233	225	217	209	201	192	183	174	164	142	114	84	53	17				1 798	149
FX8 110/12	67	130		312					254	245	236	228	219	209	200	190	179	155	124	92	58	18				1 932	161
FX8 110/13	74	143		338					275	266	256	247	237	227	216	205	194	167	135	99	63	20				2 066	172
FX8 110/14	74	143		364					296	286	276	266	255	244	233	221	209	180	145	107	68	21				2 200	184
FX8 110/15	81	158		390					318	307	296	285	274	262	250	237	224	193	155	115	72	23				2 334	195
FX8 110/16	81	158		416					339	327	315	304	292	279	266	253	239	206	166	122	77	24				2 468	207
FX8 130/01	7,5	18		27							22	22	21	21	20	20	19	18	16	14	12	10	8	5	2	458	32
FX8 130/02	15	34		54							45	44	43	41	40	39	38	35	32	29	25	20	16	11	5	592	44
FX8 130/03	22	49		81							67	65	64	62	61	59	57	53	48	43	37	30	24	16	7	726	55
FX8 130/04	30	62		108							89	87	85	83	81	78	76	70	64	57	49	40	32	22	9	860	67
FX8 130/05	37	77		135							112	109	106	104	101	98	95	88	80	71	61	50	39	27	12	994	78
FX8 130/06	45	87		162							134	131	128	124	121	117	113	105	96	86	74	61	47	32	14	1 128	90
FX8 130/07	52	100	189							156	153	149	145	141	137	132	123	112	100	86	71	55	38	16	1 262	101	
FX8 130/08	59	113	216							179	174	170	166	161	156	151	141	128	114	98	81	63	43	19	1 396	115	
FX8 130/09	67	130	244							201	196	192	187	182	176	170	158	145	129	111	91	71	49	21	1 530	126	
FX8 130/10	74	143	271							223	218	213	207	202	195	189	176	161	143	123	101	79	54	23	1 664	138	
FX8 130/11	81	158	298							246	240	234	228	222	215	208	193	177	157	135	111	87	59	26	1 798	149	
FX8 130/12	92	184	325							268	262	256	249	242	235	227	211	193	172	148	121	95	65	28	1 932	161	
FX8 130/13	92	184	352							290	284	277	270	262	254	246	228	209	186	160	131	103	70	30	2 066	172	
FX8 130/14	110	212	379							313	305	298	290	282	274	265	246	225	200	172	141	110	75	33	2 200	184	
FX8 130/15	110	212	406							335	327	319	311	303	293	284	263	241	214	184	151	118	81	35	2 334	195	
FX8 130/16	132	257	433							357	349	341	332	323	313	303	281	257	229	197	161	126	86	37	2 468	207	

Model	kW		m³/h	0	72	84	96	108	120	132	144	156	168	180	210	240	270	300	330
			l/min	0	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3500	4000	4500	5000	5500
			l/s	0	20,0	23,3	26,7	30,0	33,3	36,7	40,0	43,3	46,7	50,0	58,3	66,7	75,0	83,3	91,7
FX10 150/01	13	H (m)	43	33	31	30	29	27	25	24	22	20	17	10					
FX10 150/02	26		86	66	63	60	57	54	51	47	44	39	34	20					
FX10 150/03	44		129	99	94	90	86	81	76	71	65	59	51	30					
FX10 150/04	51		172	132	126	120	114	108	101	95	87	78	68	40					
FX10 150/05	66		215	165	157	150	143	135	127	118	109	98	85	50					
FX10 150/06	81		258	198	189	180	171	162	152	142	131	117	102	60					
FX10 150/07	92		301	231	220	210	200	189	177	166	152	137	119	70					
FX10 150/08	110		344	264	252	240	228	216	203	189	174	156	136	80	10	6			
FX10 170/01	15		44			32	30	29	27	26	24	23	21	18	13	6			
FX10 170/02	30		88			63	60	57	54	51	48	46	43	35	25	12			
FX10 170/03	44		132			95	90	86	81	77	73	69	64	53	38	18			
FX10 170/04	59		176			126	120	114	108	103	97	92	86	70	50	24			
FX10 170/05	74		220			158	150	143	136	128	121	114	107	88	63	30			
FX10 170/06	92		264			189	180	171	163	154	145	137	129	105	75	36			
FX10 170/07	110		308			221	210	200	190	180	170	160	150	123	88	42			
FX10 170/08	132		352			252	240	228	217	205	194	183	172	140	100	48	9		
FX10 190/01	18		43					33	32	31	30	29	28	24	20	15	9		
FX10 190/02	37		86					67	65	63	60	58	55	48	40	29	18		
FX10 190/03	59		129					100	97	94	91	87	83	72	59	44	27		
FX10 190/04	81		172					134	130	125	121	116	111	96	79	59	36		
FX10 190/05	110		215					167	162	157	151	145	139	121	99	74	45		
FX10 190/06	132		258					201	194	188	181	174	166	145	119	88	54		
FX10 190/07	132		301					234	227	219	211	203	194	169	139	103	63		
FX10 190/08	169		344					268	259	250	242	232	222	193	158	118	72		
FX10 210/01	22	43								32	31	30	29	27	24	20	15	9	
FX10 210/02	44	85								64	62	60	58	53	47	40	31	18	
FX10 210/03	66	128								97	93	90	87	80	71	60	46	26	
FX10 210/04	92	170								129	124	120	116	106	94	80	61	35	
FX10 210/05	110	213								161	156	151	146	133	118	100	77	44	
FX10 210/06	132	255								193	187	181	175	159	142	120	92	53	
FX10 210/07	147	298								225	218	211	204	186	165	140	107	62	
FX10 210/08	184	340								258	249	241	233	212	189	160	122	70	

Model	Moc (kW)	Stopnie	Pobór prądu (A)	Napór na wał (N)	Średnica silnika (cale)	Długość (mm)	Waga (kg)
FX10 150/01	13	1	30	5 590	6	870	59
FX10 150/02	26	2	57	11 180	6	1 040	80
FX10 150/03	45	3	87	16 770	8	1 210	101
FX10 150/04	52	4	100	22 360	8	1 380	122
FX10 150/05	67	5	130	27 950	8	1 550	143
FX10 150/06	85	6	158	33 540	8	1 720	164
FX10 150/07	92	7	184	39 130	8	1 890	185
FX10 150/08	110	8	217	44 720	10	2 060	206
FX10 170/01	15	1	34	5 720	6	870	59
FX10 170/02	30	2	62	11 440	8	1 040	80
FX10 170/03	45	3	87	17 160	8	1 210	101
FX10 170/04	59	4	113	22 880	8	1 380	122
FX10 170/05	75	5	143	28 600	8	1 550	143
FX10 170/06	92	6	184	34 320	8	1 720	164
FX10 170/07	110	7	217	40 040	10	1 890	185
FX10 170/08	132	8	257	45 760	10	2 060	206
FX10 190/01	18,5	1	41	5 590	6	870	59
FX10 190/02	37	2	77	11 180	8	1 040	80
FX10 190/03	59	3	113	16 770	8	1 210	101
FX10 190/04	81	4	158	22 360	8	1 380	122
FX10 190/05	110	5	217	27 950	10	1 550	143
FX10 190/06	132	6	257	33 540	10	1 720	164
FX10 190/07	132	7	257	39 130	10	1 890	185
FX10 190/08	170	8	348	44 720	10	2 060	206
FX10 210/01	22	1	57	5 525	6	870	59
FX10 210/02	45	2	87	11 050	8	1 040	80
FX10 210/03	67	3	130	16 575	8	1 210	101
FX10 210/04	92	4	184	22 100	8	1 380	122
FX10 210/05	110	5	217	27 625	10	1 550	143
FX10 210/06	132	6	257	33 150	10	1 720	164
FX10 210/07	147	7	300	38 675	10	1 890	185
FX10 210/08	184	8	405	44 200	10	2 060	206

IBO 3" | 4" | 6"

Oil-cooled motor



National Institute of Public Health NIH
- National Research Institute
Hygienic Certificate

High-quality oil-cooled motors for submersible pumps. Demanding tests at every stage of production and the professional knowledge of engineers ensure high mechanical resistance and very good electrical properties for the product. The durable construction allows it to work for a long time, without any maintenance.

Characteristics:

- Made to NEMA standard
- Top quality materials
- Long, failure-free operation
- Possibility of cooperation with an inverter
- Possibility to connect a cable of a specific length (multiple of 5 m)
- Two motor versions:
 - with starter box (230 V version) with built-in overcurrent protection and capacitor
 - with built-in capacitor and built-in overcurrent protection in the motor
- Thermal protection built into the motor winding (230 V version)
- Warranty and post-warranty service
- 24-month warranty

- Max. immersion depth: 200 m
- Min. water flow around the motor: 0,15 m/s
- Motor speed: 2850 RPM

Materials:

- Cooling agent: biodegradable oil, non-toxic
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical seal: graphite / SiC



Technical data:

- Maximum liquid temperature: 35°C
- Power supply: 230 V or 400 V
- Insulation class: F
- Operating mode: continuous
- Ingress protection: IP68
- Power cable length: 1,5 m
- Working position: vertical / horizontal
- Max. number of starts per 1 hour: 30

Depending on the batch, the data may differ from those given in the table.
Remember to always check the current given on the motor nameplate before selecting the appropriate motor protection.
Its value may vary depending on the production version.

Model	Power (kW)	Power supply (V)	Current pconsumption (A)	Shaft load (N)	Weight (kg)
3" IBO-S 0,55	0,55	1 ~ 230	4,2	1000	8
3" IBO-S 0,75	0,75	1 ~ 230	5,4	1500	8,5
3" IBO-S 1,1	1,1	1 ~ 230	8,2	1500	9,5
3" IBO-S 1,5	1,5	1 ~ 230	9,7	1500	9,5
4" IBO-S/T 0,75	0,75	1 ~ 230 or 3 ~ 400	6,5 / 3,1	1500	9,5
4" IBO-S/T 1,1	1,1	1 ~ 230 or 3 ~ 400	8,5 / 4,0	1500	10,8
4" IBO-S/T 1,5	1,5	1 ~ 230 or 3 ~ 400	10,5 / 5,0	1500	12,5
4" IBO-S/T 2,2	2,2	1 ~ 230 or 3 ~ 400	15,5 / 5,5	1500	13,9
4" IBO-T 3	3	3 ~ 400	8,7	2500	14,8
4" IBO-T 4	4	3 ~ 400	11,2	2500	18
4" IBO-T 5,5	5,5	3 ~ 400	13,7	2500	22
4" IBO-T 7,5	7,5	3 ~ 400	18,8	2500	28
6" IBO-T 7,5	7,5	3 ~ 400	17,5	5500	38
6" IBO-T 9,2	9,2	3 ~ 400	23,5	5500	42
6" IBO-T 11	11	3 ~ 400	26,5	10000	47
6" IBO-T 13	13	3 ~ 400	29	10000	52
6" IBO-T 15	15	3 ~ 400	33	10000	58

4" IOM IBO ITALY OIL

Oil-cooled motor



National Institute of Public Health NIH
– National Research Institute
Hygienic Certificate

High-quality 4" Italian oil-cooled motors for deep-well pumps. Original Italian materials, demanding tests at every stage of production, and professional knowledge of Italian engineers ensure high mechanical resistance and very good electrical properties for the product. The durable construction allows it to work for a long time, without any maintenance.

Characteristics:

- Made to NEMA standard
- Top quality materials
- Long, failure-free operation
- Possibility of cooperation with an inverter
- Possibility to connect a cable of a specific length (multiple of 5 m)
- Starter box (230 V version) with built-in overcurrent protection and capacitor
- Thermal protection built into the motor winding (230 V version)
- Warranty and post-warranty service
- 36-month warranty

Technical data:

- Maximum liquid temperature: 35°C
- Power supply: 230 V or 400 V
- Insulation class: F
- Operating mode: continuous
- Ingress protection: IP68
- Power cable length: 1,5 m
- Working position: vertical / horizontal
- Max. number of starts per 1 hour: 30
- Max. immersion depth: 200 m
- Min. water flow around the motor: 0,15 m/s
- Motor speed: 2850 RPM

Materials:

- Cooling agent: biodegradable oil, non-toxic
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical seal: graphite / SiC



Model	Power (kW)	Power supply (V)	Shaft thrust (N)	Current consumption (A) 230 V / 400 V	Length (mm)	Weight (kg)
4" IOM-S/T 050	0,37	1 ~ 230 lub 3 ~ 400	2000	3,6 / 1,8	311,3	6,45
4" IOM-S/T 075	0,55	1 ~ 230 lub 3 ~ 400	2000	4,7 / 2	331,3	7,2
4" IOM-S/T 100	0,75	1 ~ 230 lub 3 ~ 400	2000	5,9 / 2,5	356,3	8,45
4" IOM-S/T 150	1,1	1 ~ 230 lub 3 ~ 400	2000	8,3 / 3,4	386,3 / 371,1	10,2 / 9,35
4" IOM-S/T 200	1,5	1 ~ 230 lub 3 ~ 400	2000	10,7 / 4,8	436,3 / 386,3	11,65
4" IOM-S/T 300	2,2	1 ~ 230 lub 3 ~ 400	2000	15,2 / 6,1	481,3 / 436,3	14,9 / 11,65
4" IOM-T 400	3	3 ~ 400	3000	- / 7,1	481,3	14,9
4" IOM-T 550	4	3 ~ 400	5000	- / 9,2	609,5	20,05
4" IOM-T 750	5,5	3 ~ 400	5000	- / 12,3	699,5	24,65
4" IOM-T 1000	7,5	3 ~ 400	5000	- / 16,4	799,5	28,95

6" IOM IBO ITALY OIL

Oil-cooled motor



National Institute of Public Health NIH
– National Research Institute
Hygienic Certificate

High-quality 6" Italian oil-cooled motors for deep-well pumps. Original Italian materials, demanding tests at every stage of production, and professional knowledge of Italian engineers ensure high mechanical resistance and very good electrical properties for the product. The durable construction allows it to work for a long time, without any maintenance.

Characteristics:

- Made to NEMA standard
- Top quality materials
- Long, failure-free operation
- Possibility of cooperation with an inverter
- Possibility to connect a cable of a specific length (multiple of 5 m)
- Warranty and post-warranty service
- 36-month warranty

Technical data:

- Maximum liquid temperature: 35°C
- Power supply: 400 V
- Insulation class: F
- Operating mode: continuous
- Ingress protection: IP68
- Power cable length: 3 m or 4 m
- Working position: vertical / horizontal
- Max. number of starts per 1 hour: 30
- Max. immersion depth: 200 m
- Min. water flow around the motor: 0,15 m/s
- Motor speed: 2850 RPM

Materials:

- Cooling agent: biodegradable oil, non-toxic
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical seal: graphite / SiC



Model	Power (kW)	Power supply (V)	Shaft thrust (N)	Current consumption (A)	η (%)	RPM	$\cos \varphi$	Cable diameter (mm)	Cable length (m)	Length (mm)	Weight (kg)
6" IOM-750	5,5	3 ~ 400	10000	12,8	74	2840	0,86	4 x 4	3	698	41
6" IOM-1000	7,5	3 ~ 400	10000	16,8	78	2850	0,83	4 x 4	3	733	46
6" IOM-1250	9,2	3 ~ 400	10000	21,2	81	2880	0,77	4 x 4	3	773	48
6" IOM-1500	11	3 ~ 400	10000	22,9	85	2850	0,82	4 x 4	3	832	52
6" IOM-1750	13	3 ~ 400	10000	27,6	84	2860	0,80	4 x 4	3	893	57
6" IOM-2000	15	3 ~ 400	10000	30,7	82	2840	0,86	4 x 8	4	893	64
6" IOM-2500	18,5	3 ~ 400	20000	38	84	2850	0,84	4 x 8	4	956	64
6" IOM-3000	22	3 ~ 400	20000	45,5	84	2850	0,83	4 x 8	4	1023	79
6" IOM-3500	26	3 ~ 400	20000	52	85	2850	0,85	4 x 8	4	1091	79
6" IOM-4000	30	3 ~ 400	20000	61,5	85	2860	0,83	4 x 8	4	1171	87
6" IOM-5000	37	3 ~ 400	20000	76	84	2840	0,84	4 x 8	4	1306	99

The 6" IOM series motors are also available in the Y-Δ version on request.

6" IWM IBO ITALY

Submersible water-cooled motors



National Institute of Public Health NIH
– National Research Institute
Institute Hygienic Certificate

High-quality 6" Italian water-cooled motors for deep-well pumps. Original Italian materials, demanding tests at every stage of production, and professional knowledge of engineers ensure high mechanical resistance and very good electrical properties for the product. The durable construction allows it to work for a long time, without any maintenance.

Characteristics:

- Made to NEMA standard
- Top quality materials
- Long, failure-free operation
- Possibility of cooperation with an inverter
- Possibility to connect a cable of a specific length (multiple of 5 m)
- Warranty and post-warranty service
- 24-month warranty
- Operating mode: continuous
- Ingress protection: IP68
- Power cable length: 1,5 m
- Working position: vertical / horizontal
- Max. number of starts per 1 hour: 20
- Max. immersion depth: 150 m
- Min. water flow around the motor: 0,5 m/s
- Motor speed: 2850 RPM

Materials:

Technical data:

- Maximum liquid temperature: 35°C
- Power supply: 400 V
- Insulation class: F
- Cooling medium: water
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical seal: SiC / graphite



Model	Power (kW)	Current consumption (A)	Max. water temperature (°C)	Max. number of starts (/h)	Shaft support (N)	$\cos \varphi$	η (%)	Length (mm)	Weight (kg)
6" IWM 550	5,5	10	30	12	25000	80	79	565	41
6" IWM 750	7,5	13,6	30	12	25000	81,5	80	590	44
6" IWM 1000	10	17,7	30	12	25000	81,5	81	620	48
6" IWM 1250	12,5	21,4	30	12	25000	82	82	670	53
6" IWM 1500	15	25,3	30	12	25000	82	83	730	60
6" IWM 1750	17,5	28	30	12	25000	82,5	84	760	63
6" IWM 2000	20	34,5	30	12	25000	83	84	850	72
6" IWM 2500	25	42,6	30	12	25000	83,5	84	910	78
6" IWM 3000	30	50	30	10	25000	83,5	85	990	88
6" IWM 3500	35	58,6	30	10	25000	84	85	1100	100
6" IWM 4000	40	68,8	30	10	25000	85	85,5	1170	107
6" IWM 5000	50	84,5	30	10	25000	85	85	1260	115

8" IWM IBO ITALY

Submersible water-cooled motors



National Institute of Public Health NIH
– National Research Institute
Hygienic Certificate

High-quality 8" Italian water-cooled motors for deep-well pumps. Original Italian materials, demanding tests at every stage of production, and professional knowledge of engineers ensure high mechanical resistance and very good electrical properties for the product. The durable construction allows it to work for a long time, without any maintenance.

Characteristics:

- Made to NEMA standard
- Top quality materials
- Long, failure-free operation
- Possibility of cooperation with an inverter
- Possibility to connect a cable of a specific length (multiple of 5 m)
- Warranty and post-warranty service
- 24-month warranty

Technical data:

- Maximum liquid temperature: 35°C
- Power supply: 400 V
- Insulation class: F
- Operating mode: continuous
- Ingress protection: IP68
- Power cable length: 4 m
- Working position: vertical / horizontal
- Max. number of starts per 1 hour: 7
- Max. immersion depth: 150 m
- Min. water flow around the motor: 0,5 m/s
- Motor speed: 2850 RPM

Materials:

- Cooling medium: water
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical seal: SiC / graphite



Model	Power (kW)	Voltage (V)	Current consumption (A)	Shaft thrust (N)	RPM	cos φ	η (%)	Cable cross-sectional area (mm ²)	Length (mm)	Weight (kg)
8" IWM 30	22	3 ~ 400	48	38000	2900	0,85	81	3 × 4	861	121
8" IWM 40	30		62	38000	2925	0,85	85	3 × 10	1075	142
8" IWM 50	37		77	38000	2900	0,86	85	3 × 10	1102	148
8" IWM 60	45		93	38000	2900	0,87	85	3 × 10	1160	159
8" IWM 70	52		105	38000	2915	0,86	86	3 × 16	1152	178
8" IWM 75	55		110	38000	2910	0,87	86	3 × 16	1282	183
8" IWM 80	60		120	38000	2915	0,88	86	3 × 16	1315	188
8" IWM 90	66		133	45000	2910	0,87	86	3 × 25	1393	203
8" IWM 100	75		151	45000	2910	0,87	86	3 × 25	1464	217
8" IWM 110	81		158	45000	2915	0,86	88	3 × 25	1535	232
8" IWM 125	92		186	45000	2930	0,85	86	3 × 25	1650	256
8" IWM 150	110		228	45000	2845	0,87	89	3 × 35	1845	295

10" IWM IBO ITALY

Submersible water-cooled motors



National Institute of Public Health NIH
– National Research Institute
Hygienic Certificate

High-quality 10" Italian water-cooled motors for deep-well pumps. Original Italian materials, demanding tests at every stage of production, and professional knowledge of engineers ensure high mechanical resistance and very good electrical properties for the product. The durable construction allows it to work for a long time, without any maintenance.

Characteristics:

- Made to NEMA standard
- Top quality materials
- Long, failure-free operation
- Possibility of cooperation with an inverter
- Possibility to connect a cable of a specific length (multiple of 5 m)
- Warranty and post-warranty service
- 24-month warranty

Technical data:

- Maximum liquid temperature: 25°C
- Power supply: 400 V
- Insulation class: F
- Operating mode: continuous
- Ingress protection: IP68
- Power cable length: 5 m
- Working position: vertical / horizontal
- Max. number of starts per 1 hour: 5
- Max. immersion depth: 150 m
- Min. water flow around the motor: 0,5 m/s
- Motor speed: 2850 RPM

Materials:

- Cooling medium: water
- Motor housing: AISI 304 stainless steel
- Shaft: AISI 304 stainless steel
- Mechanical seal: SiC / graphite



Model	Power (kW)	Voltage (V)	Current consumption (A)	Shaft thrust (N)	RPM	cos φ	η (%)	Cable cross-sectional area (mm ²)	Length (mm)	Weight (Kg)
10" IWM 125T	92	3 ~ 400	181	60000	2910	0,84	84	3 × 35	1316	285
10" IWM 150T	110		220	60000	2915	0,87	85	3 × 35	1446	330
10" IWM 180T	132		265	60000	2920	0,85	85	3 × 50	1546	365
10" IWM 200T	147		300	60000	2925	0,86	86	3 × 50	1682	400
10" IWM 250T	185		370	60000	2930	0,85	86	3 × 50	1880	460

- ① The presented product parameters were obtained in laboratory conditions, in operating conditions a difference of $\pm 10\%$ is possible.

The weight and dimensions of the products may vary depending on the production batch.

- ① The manufacturer reserves the right to introduce changes to the devices offered in the catalog without prior notice.

Changes may include: parameters, dimensions, appearance or names.

This catalogue is not a commercial offer as defined by commercial law.
A detailed offer and price list are available through the Sales Department.

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