

FX6 6" MIXED FLOW SUBMERSIBLE PUMP



PUMP DESIGN

- The FX6 pump is a mixed-flow cast iron pump with a new design for easy maintenance.

APPLICATIONS

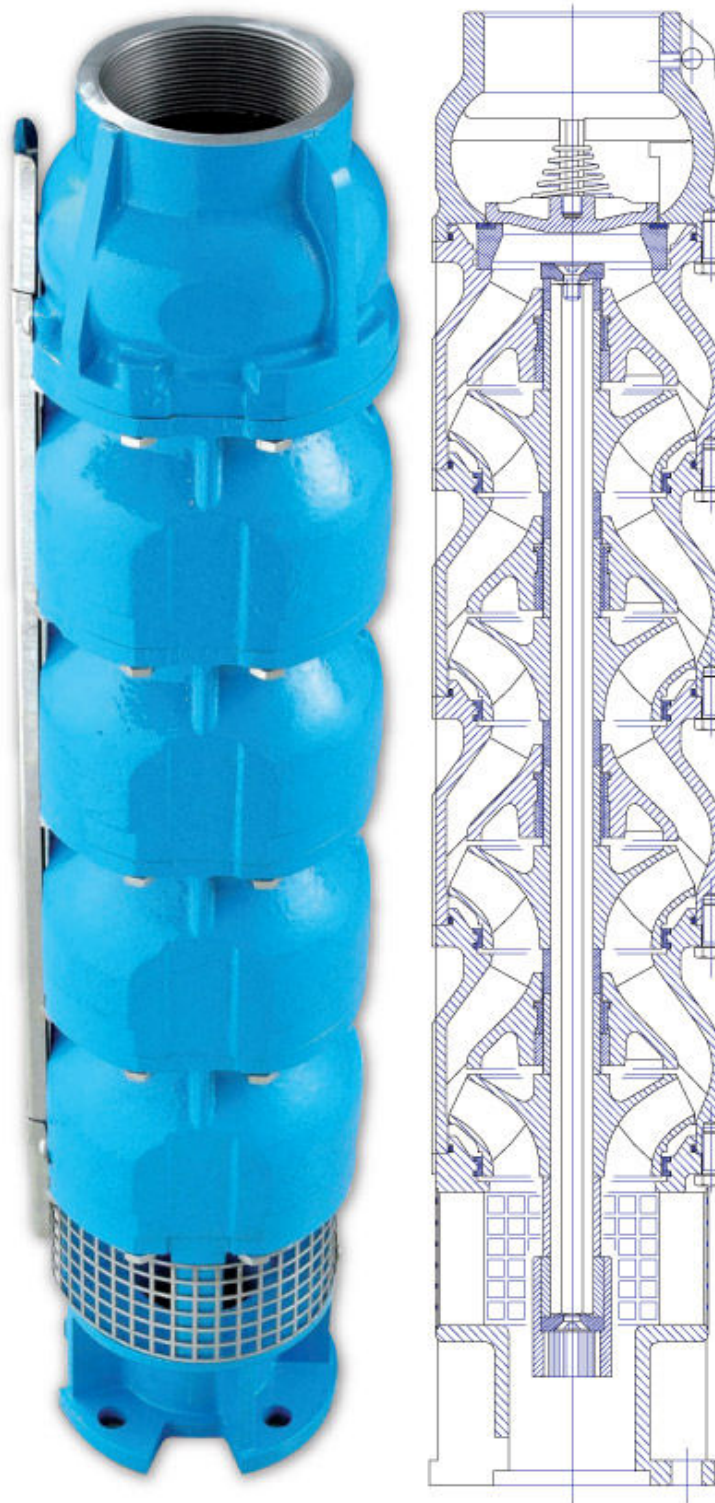
- Domestic and industrial water supply.
- Acqueducts.
- Fire-fighting systems.
- Pressurizing water system.
- Shower and running irrigation.
- Several plants.

MATERIALS

Impeller:	GG-25 / Bronze
Bowl:	GG-25 / Bronze
Top and bottom:	GG-25
Pump Shaft:	SS 420
Pump coupling:	SS 430F
Bushes:	SS 316 with hard-chrome cover
Screen:	SS 304
Cable guard:	SS 304
Strip/Tie rod:	SS 304

OPERATING DATA

Capacity:	Up to 90 m ³ /h
Head:	Up to 400 m
Power:	Up to 44 kW
Max. water temperature:	30°C
Max. sand content:	40 g/m ³
Direction of rotation:	CCW facing delivery side
Min. recommended head of water above pump suction:	1 m





FX6 performance chart

tolerances according to ISO 9906 annex A

50 Hz 2 poles		Q (mc/h)	0	12	24	30	36	42	48	54	60	66	72	78	84	90	
TYPE	HP	Q (l/min)	0	200	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	
FX6-35/2	5,5	H (m)	34	29	24	22	19	16	12	6							
FX6-35/4	7,5		68	58	48	44	39	32	24	13							
FX6-35/5	10		85	72	61	55	49	40	31	16							
FX6-35/6	12,5		102	86	73	66	58	48	37	19							
FX6-35/8	15		136	115	97	88	78	64	49	26							
FX6-35/9	17,5		153	130	109	99	87	72	55	29							
FX6-35/11	20		187	158	133	121	107	88	67	35							
FX6-35/13	25		221	187	157	144	126	105	79	42							
FX6-35/16	30		272	230	194	177	155	129	98	51							
FX6-35/19	35		323	274	230	210	184	153	116	61							
FX6-35/22	40		374	317	266	243	213	177	134	70							
FX6-35/26	50		442	374	315	287	252	209	159	83							
FX6-45/2	5,5		37		27	25	23	21	19	16	13	10	5				
FX6-45/3	7,5		56		41	38	35	32	29	24	20	14	8				
FX6-45/4	10		74		55	51	47	43	38	33	26	19	11				
FX6-45/5	12,5		93		69	64	59	53	48	41	33	24	14				
FX6-45/6	15		111		82	76	70	64	57	49	39	29	16				
FX6-45/7	17,5		130		96	89	82	75	67	57	46	33	19				
FX6-45/9	20		167		123	115	105	96	86	73	59	43	24				
FX6-45/11	25		204		151	140	129	117	105	89	72	53	30				
FX6-45/13	30		241		178	166	152	138	124	106	85	62	35				
FX6-45/15	35		278		206	191	176	160	143	122	98	72	41				
FX6-45/18	40		333		247	229	211	192	171	146	118	86	49				
FX6-45/21	50		389		288	268	246	224	200	171	138	100	57				
FX6-45/23	60		426		315	293	269	245	219	187	151	110	62				
FX6-55/2	7,5		36			27	25	24	22	20	18	16	12	9			
FX6-55/3	10	54			40	38	36	33	31	27	23	19	13				
FX6-55/4	12,5	72			54	51	48	44	41	36	31	25	18				
FX6-55/5	15	90			67	63	60	55	51	45	39	31	22				
FX6-55/6	17,5	108			81	76	72	67	61	55	47	37	27				
FX6-55/7	20	126			94	89	84	78	71	64	54	43	31				
FX6-55/9	25	162			121	114	108	100	92	82	70	56	40				
FX6-55/11	30	198			148	140	131	122	112	100	85	68	49				
FX6-55/12	35	216			161	152	143	133	122	109	93	74	53				
FX6-55/14	40	252			188	178	167	155	143	127	109	87	62				
FX6-55/18	50	324			242	228	215	200	183	164	140	112	80				
FX6-55/21	60	378			283	267	251	233	214	191	163	130	93				
FX6-65/2	7,5	35				27	26	25	23	22	20	18	15	11	8		
FX6-65/3	12,5	53				41	39	37	35	33	30	26	22	17	11		
FX6-65/4	15	70				54	52	50	47	44	40	35	30	22	15		
FX6-65/5	17,5	88				68	65	62	59	54	50	44	37	28	18		
FX6-65/6	25	105				81	78	74	70	65	59	53	44	34	22		
FX6-65/7	25	123				95	91	87	82	76	69	61	52	39	26		
FX6-65/8	30	140				108	104	99	94	87	79	70	59	45	30		
FX6-65/9	35	158				122	117	112	105	98	89	79	67	50	33		
FX6-65/10	35	175				135	130	124	117	109	99	88	74	56	37		
FX6-65/11	40	193				149	143	137	129	120	109	96	81	61	41		
FX6-65/14	50	245				189	182	174	164	152	139	123	104	78	52		
FX6-65/17	60	298				230	221	211	199	185	168	149	126	95	63		