

FX8 8" MIXED-FLOW SUBMERSIBLE PUMP



PUMP DESIGN

- The FX8 pump is a mixed-flow cast iron pump with a new design for easy maintenance

APPLICATIONS

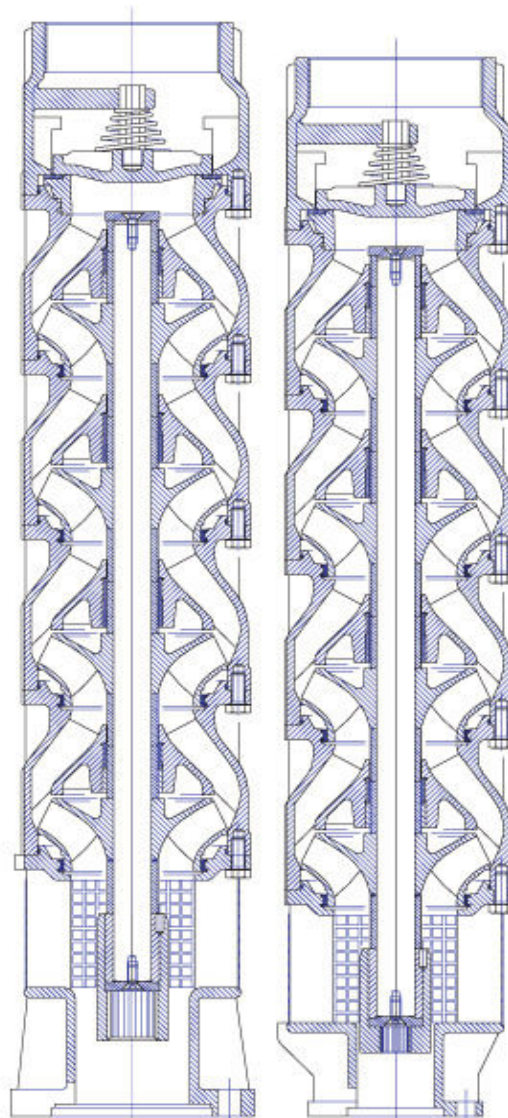
- Domestic and industrial water supply
- Acqueducts
- Fire-fighting systems
- Pressurizing water system
- Shower and running irrigation
- Several plants

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

OPERATING DATA

Capacity:	Up to 180 m ³ /h
Head:	Up to 380 m
Power:	Up to 130 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



FX8 performance chart

tolerances according to ISO 9906 annex A



50 Hz 2 poles		Q (mc/h)	0	30	36	48	60	72	84	96	108	120	126	132	150	168	180	
TYPE	HP	Q (l/min)	0	500	600	800	1000	1200	1400	1600	1800	2000	2100	2200	2500	2800	3000	
FX8-70/1	7.5	H (m)	25	22	21	20	18	16	13	10								
FX8-70/2	12.5		50	44	42	39	35	32	27	20								
FX8-70/3	17.5		76	66	64	59	53	48	40	30								
FX8-70/4	25		101	88	85	79	71	63	53	41								
FX8-70/5	30		126	110	106	98	89	79	67	51								
FX8-70/6	35		151	132	127	118	106	95	80	61								
FX8-70/7	40		176	154	148	138	124	111	93	71								
FX8-70/8	50		202	175	170	157	142	127	107	81								
FX8-70/9	60		227	197	191	177	160	143	120	91								
FX8-70/10	60		252	219	212	197	177	159	133	101								
FX8-70/11	70		277	241	233	216	195	175	147	111								
FX8-70/12	70		302	263	254	236	213	190	160	122								
FX8-70/13	80		328	285	276	256	231	206	173	132								
FX8-70/14	90		353	307	297	275	248	222	187	142								
FX8-70/15	90		378	329	318	295	266	238	200	152								
FX8-90/1	7.5	27			22	20	19	17	15	13	10	8						
FX8-90/2	15	54			43	40	37	34	30	26	20	16						
FX8-90/3	25	81			65	60	56	51	45	38	30	25						
FX8-90/4	30	108			86	80	74	68	60	51	40	33						
FX8-90/5	35	135			108	101	93	85	75	64	50	41						
FX8-90/6	40	161			129	121	112	102	90	77	59	49						
FX8-90/7	50	188			151	141	130	119	105	90	69	57						
FX8-90/8	60	215			172	161	149	136	120	102	79	66						
FX8-90/9	70	242			194	181	167	153	135	115	89	74						
FX8-90/10	70	269			215	201	186	170	150	128	99	82						
FX8-90/11	80	296			237	221	205	187	165	141	109	90						
FX8-90/12	90	323			258	241	223	204	180	154	119	98						
FX8-90/13	90	350			280	261	242	221	195	166	129	107						
FX8-90/14	100	377			301	281	260	238	210	179	139	115						
FX8-110/1	10	25					20	19	17	16	15	14	13	10				
FX8-110/2	17.5	50					39	37	35	32	30	28	26	20				
FX8-110/3	30	75					59	56	52	49	44	42	39	29				
FX8-110/4	35	100					78	74	70	65	59	55	52	39				
FX8-110/5	50	125					98	93	87	81	74	69	65	49				
FX8-110/6	60	150					117	111	104	97	89	83	77	58				
FX8-110/7	60	175					137	130	122	114	103	97	90	68				
FX8-110/8	70	200					156	148	139	130	118	111	103	78				
FX8-110/9	80	225					176	167	157	146	133	125	116	88				
FX8-110/10	90	250					195	185	174	162	148	139	129	97				
FX8-110/11	100	275					215	204	191	178	162	153	142	107				
FX8-110/12	110	300					234	222	209	195	177	166	155	117				
FX8-110/13	125	325					254	241	226	211	192	180	168	127				
FX8-110/14	125	350					273	259	244	227	207	194	181	136				
FX8-110/15	150	375					293	278	261	243	221	208	194	146				
FX8-130/1	12.5	26						21	20	19	18	17	16	14	11	8		
FX8-130/2	25	51						41	40	38	36	35	33	28	22	16		
FX8-130/3	35	77						62	60	57	54	52	50	42	32	25		
FX8-130/4	50	102						83	80	76	72	69	67	56	43	33		
FX8-130/5	60	128						104	99	95	90	87	83	70	54	41		
FX8-130/6	70	153						124	119	114	108	104	100	84	65	49		
FX8-130/7	80	179						145	139	133	126	122	117	99	76	57		
FX8-130/8	90	204						166	159	152	143	139	133	113	86	66		
FX8-130/9	100	230						186	179	171	161	156	150	127	97	74		
FX8-130/10	110	255						207	199	190	179	174	166	141	108	82		
FX8-130/11	125	281						228	219	209	197	191	183	155	119	90		
FX8-130/12	150	306						249	239	228	215	208	200	169	129	98		
FX8-130/13	150	332						269	259	247	233	226	216	183	140	107		
FX8-130/14	175	357						290	279	266	251	243	233	197	151	115		