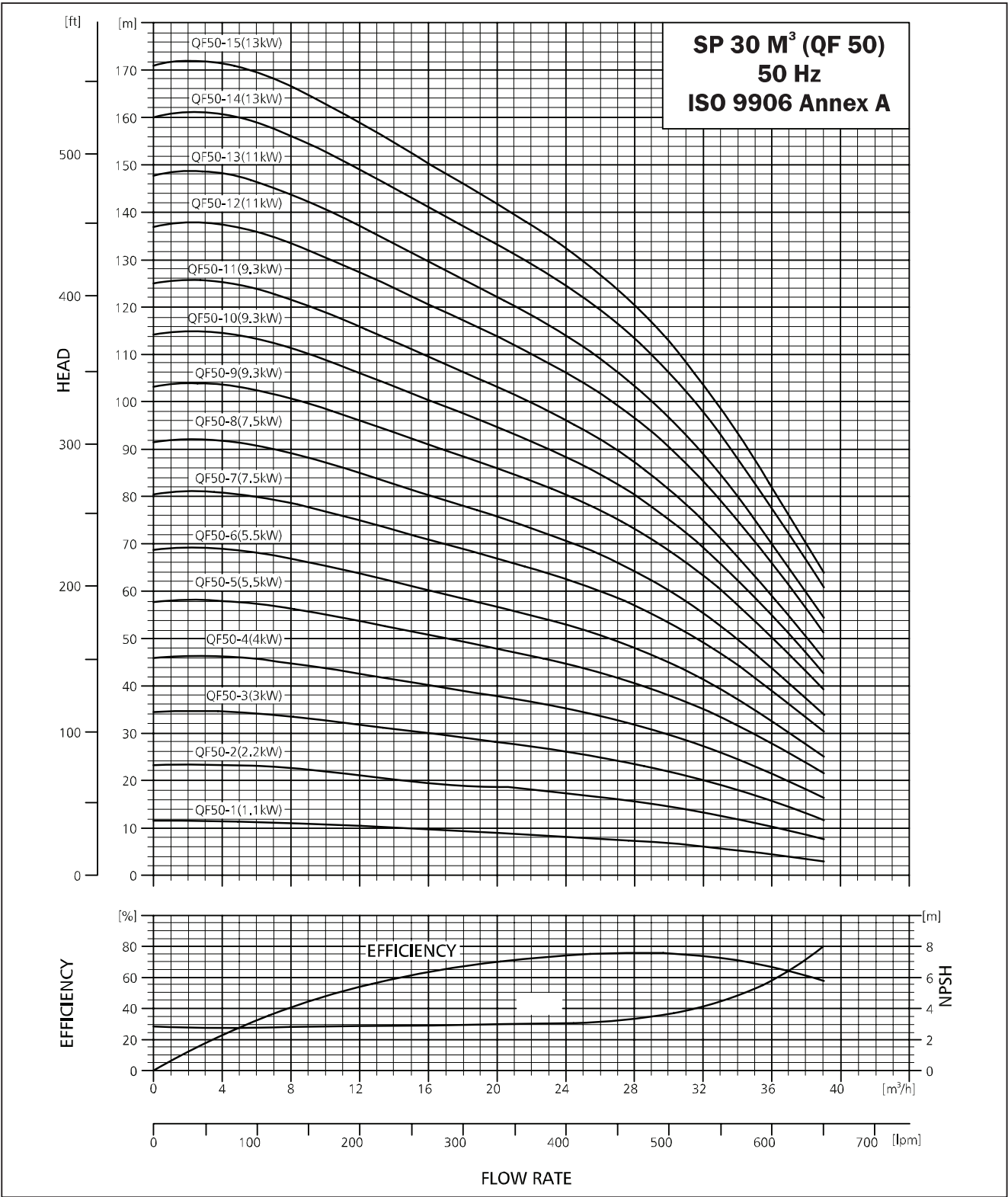


PERFORMANCE CURVE

SUBMERSIBLE PUMPS QF50

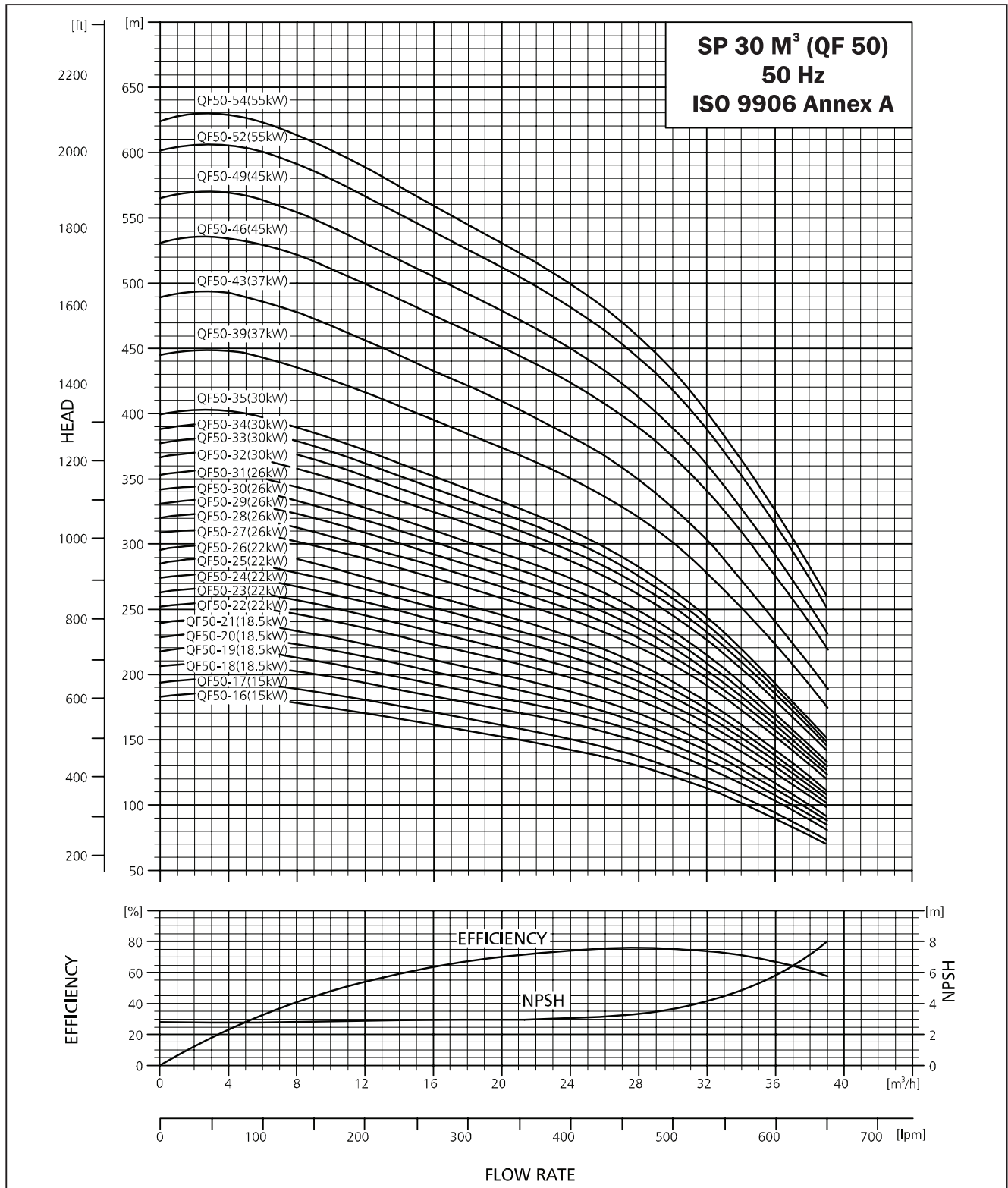


PERFORMANCE CURVE

SHAKTI
PUMPING LIFE

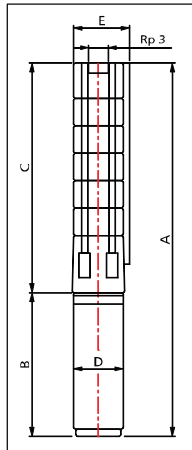
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SUBMERSIBLE PUMPS QF50



TECHNICAL DATA QF 50

DIMENSIONS & WEIGHTS



E= Max. Dia of Pump inclusive of cable guard & motor.
QF 50-39 to QF 50-54 are mounted in sleeve for R 3" connection.

SUBMERSIBLE PUMPS QF50

TECHNICAL DATA QF 50													
PUMP TYPE	MOTOR		DIMENSIONS (mm)								NET WEIGHT (KG)		
	TYPE	POWER (KW)	C	B		A		D	E*	E**	PUMP	MOTOR	
				1X230V	3X220V 3X400V	1X230V	3X220V 3X400V					1X230	3X220V 3X400V
QF 50 - 1	RO 100	1.1	353	424	382	777	735	95	131	-	8	12	10
QF 50 - 2	RO 101	2.2	449	585	480	1034	929	95	131	-	10	21	16
QF 50 - 3	RO 101	3.0	545	-	547	-	1092	95	131	-	12	-	19
QF 50 - 4	RO 101	4.0	641	-	623	-	1264	95	131	-	14	-	22
QF 50 - 5	RO 101	5.5	737	-	737	-	1474	95	131	-	16	-	27
QF 50 - 6	RO 101	5.5	833	-	737	-	1570	95	131	-	18	-	27
QF 50 - 7	RO 101	7.5	929	-	814	-	1743	95	131	-	20	-	31
QF 50 - 8	RO 101	7.5	1025	-	814	-	1839	95	131	-	22	-	31
QF 50 - 5	MTSF 150	5.5	754	-	694	-	1448	142	143	145	16	-	48
QF 50 - 6	MTSF 150	5.5	850	-	694	-	1544	142	143	145	18	-	48
QF 50 - 7	MTSF 150	7.5	946	-	714	-	1660	142	143	145	20	-	50
QF 50 - 8	MTSF 150	7.5	1042	-	714	-	1756	142	143	145	22	-	50
QF 50 - 9	MTSF 150	9.3	1138	-	744	-	1882	142	143	145	24	-	53
QF 50 - 10	MTSF 150	9.3	1234	-	744	-	1978	142	143	145	25	-	53
QF 50 - 11	MTSF 150	9.3	1330	-	744	-	2074	142	143	145	27	-	53
QF 50 - 12	MTSF 150	11.0	1426	-	774	-	2200	142	143	145	29	-	56
QF 50 - 13	MTSF 150	11.0	1522	-	774	-	2296	142	143	145	31	-	56
QF 50 - 14	MTSF 150	13.0	1618	-	824	-	2442	142	143	145	33	-	61
QF 50 - 15	MTSF 150	13.0	1714	-	824	-	2538	142	143	145	35	-	61
QF 50 - 16	MTSF 150	15.0	1810	-	869	-	2679	142	143	145	37	-	66
QF 50 - 17	MTSF 150	15.0	1906	-	869	-	2775	142	143	145	39	-	66
QF 50 - 18	MTSF 150	18.5	2002	-	914	-	2916	142	143	145	41	-	70
QF 50 - 19	MTSF 150	18.5	2098	-	914	-	3012	142	143	145	42	-	70
QF 50 - 20	MTSF 150	18.5	2194	-	914	-	3108	142	143	145	44	-	70
QF 50 - 21	MTSF 150	18.5	2290	-	914	-	3204	142	143	145	46	-	70
QF 50 - 22	MTSF 150	22.0	2386	-	1004	-	3390	142	143	145	48	-	79
QF 50 - 23	MTSF 150	22.0	2482	-	1004	-	3486	142	143	145	50	-	79
QF 50 - 24	MTSF 150	22.0	2578	-	1004	-	3582	142	143	145	52	-	79
QF 50 - 25	MTSF 150	22.0	2674	-	1004	-	3678	142	143	145	54	-	79
QF 50 - 26	MTSF 150	22.0	2770	-	1004	-	3774	142	143	145	56	-	79
QF 50 - 27	MTSF 150	26.0	2866	-	1109	-	3975	142	143	145	58	-	90
QF 50 - 28	MTSF 150	26.0	2962	-	1109	-	4071	142	143	145	59	-	90
QF 50 - 29	MTSF 150	26.0	3058	-	1109	-	4167	142	143	145	61	-	90
QF 50 - 30	MTSF 150	26.0	3154	-	1109	-	4263	142	143	145	63	-	90
QF 50 - 31	MTSF 150	26.0	3250	-	1109	-	4359	142	143	145	65	-	90
QF 50 - 32	MTSF 150	30.0	3346	-	1209	-	4555	142	143	145	67	-	100
QF 50 - 33	MTSF 150	30.0	3442	-	1209	-	4651	142	143	145	69	-	100
QF 50 - 34	MTSF 150	30.0	3538	-	1209	-	4747	142	143	145	71	-	100
QF 50 - 35	MTSF 150	30.0	3634	-	1209	-	4843	142	143	145	73	-	100
QF 50 - 31	MTSF 200	26.0	3278	-	-	-	-	195	195	195	65	-	-
QF 50 - 32	MTSF 200	30.0	3374	-	1140	-	4514	195	195	195	67	-	172
QF 50 - 33	MTSF 200	30.0	3470	-	1140	-	4610	195	195	195	69	-	172
QF 50 - 34	MTSF 200	30.0	3566	-	1140	-	4706	195	195	195	71	-	172
QF 50 - 35	MTSF 200	30.0	3662	-	1140	-	4802	195	195	195	73	-	172
QF 50 - 39	MTSF 200	37.0	4046	-	1140	-	5186	195	195	195	80	-	172
QF 50 - 43	MTSF 200	37.0	4430	-	1140	-	5570	195	195	195	88	-	172
QF 50 - 46	MTSF 200	45.0	4718	-	1230	-	5948	195	195	195	93	-	188
QF 50 - 49	MTSF 200	45.0	5006	-	1230	-	6236	195	195	195	99	-	188
QF 50 - 52	MTSF 200	55.0	5294	-	1340	-	6634	195	195	195	105	-	211
QF 50 - 54	MTSF 200	55.0	5486	-	1340	-	6826	195	195	195	109	-	211

* Maximum diameter of pump with one motor cable
** Maximum diameter of pump with two motor cable
Motor type may change as per requirement.

PERFORMANCE TABLE QF 50



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SUBMERSIBLE PUMPS QF50

PERFORMANCE TABLE QF 50												
QF-50		DISCHARGE (Q)										
		m ³ /h	0	4	8	12	16	20	24	28	32	39
		l/min.	0	66.7	133.3	200	266.7	333.3	400	466.7	533.3	650
MODEL	MOTOR RATING		TOTAL HEAD IN [m]									
	[KW]	[HP]										
QF 50 - 1	1.1	1.5	11	11	11	10	10	9	8	7	6	3
QF 50 - 2	2.2	3	23	23	23	21	20	19	17	16	13	8
QF 50 - 3	3	4	35	35	33	32	30	28	26	24	20	12
QF 50 - 4	4	5.5	46	46	45	43	40	38	35	32	27	16
QF 50 - 5	5.5	7.5	58	58	56	54	51	48	45	41	35	22
QF 50 - 6	5.5	7.5	69	69	67	64	60	57	53	48	41	25
QF 50 - 7	7.5	10	80	81	79	75	71	67	63	57	49	31
QF 50 - 8	7.5	10	91	92	89	85	80	76	71	64	55	34
QF 50 - 9	9.3	12.5	103	104	101	96	91	86	80	73	63	39
QF 50 - 10	9.3	12.5	114	115	111	106	100	95	88	80	69	43
QF 50 - 11	9.3	12.5	125	125	122	116	110	103	96	87	75	46
QF 50 - 12	11	15	137	137	134	127	121	114	106	97	83	51
QF 50 - 13	11	15	148	148	144	137	130	122	114	103	89	55
QF 50 - 14	13	17.5	160	161	156	149	141	133	125	113	98	61
QF 50 - 15	13	17.5	171	171	167	159	150	142	132	120	104	64
QF 50 - 16	15	20	183	184	179	171	162	153	143	130	112	70
QF 50 - 17	15	20	194	195	189	180	171	161	151	137	118	74
QF 50 - 18	18.5	25	207	208	202	193	183	173	163	148	129	82
QF 50 - 19	18.5	25	218	219	213	203	193	182	171	156	135	85
QF 50 - 20	18.5	25	229	230	223	213	202	191	179	163	141	89
QF 50 - 21	18.5	25	240	241	234	223	212	200	187	170	147	92
QF 50 - 22	22	30	252	253	246	235	223	211	198	180	156	99
QF 50 - 23	22	30	263	264	257	245	233	220	206	188	162	102
QF 50 - 24	22	30	274	275	268	255	242	228	214	195	168	105
QF 50 - 25	22	30	285	286	278	265	251	237	221	201	174	108
QF 50 - 26	22	30	296	297	288	275	260	245	229	208	179	111
QF 50 - 27	26	35	309	310	302	288	274	259	242	221	191	121
QF 50 - 28	26	35	320	321	313	298	283	267	250	228	197	124
QF 50 - 29	26	35	331	332	323	308	292	276	258	235	203	127
QF 50 - 30	26	35	342	343	333	318	301	284	266	242	209	130
QF 50 - 31	26	35	353	354	344	328	310	293	274	249	215	133
QF 50 - 32	30	40	367	368	358	342	324	306	287	262	227	143
QF 50 - 33	30	40	378	379	369	352	334	315	295	269	232	146
QF 50 - 34	30	40	389	390	379	362	343	324	303	276	238	149
QF 50 - 35	30	40	399	401	390	372	352	332	310	283	244	152
QF 50 - 39	37	50	445	447	435	416	395	374	351	320	278	176
QF 50 - 43	37	50	489	491	478	456	433	409	383	350	303	190
QF 50 - 46	45	60	531	535	521	499	475	451	424	389	341	220
QF 50 - 49	45	60	565	568	554	530	504	478	450	413	361	233