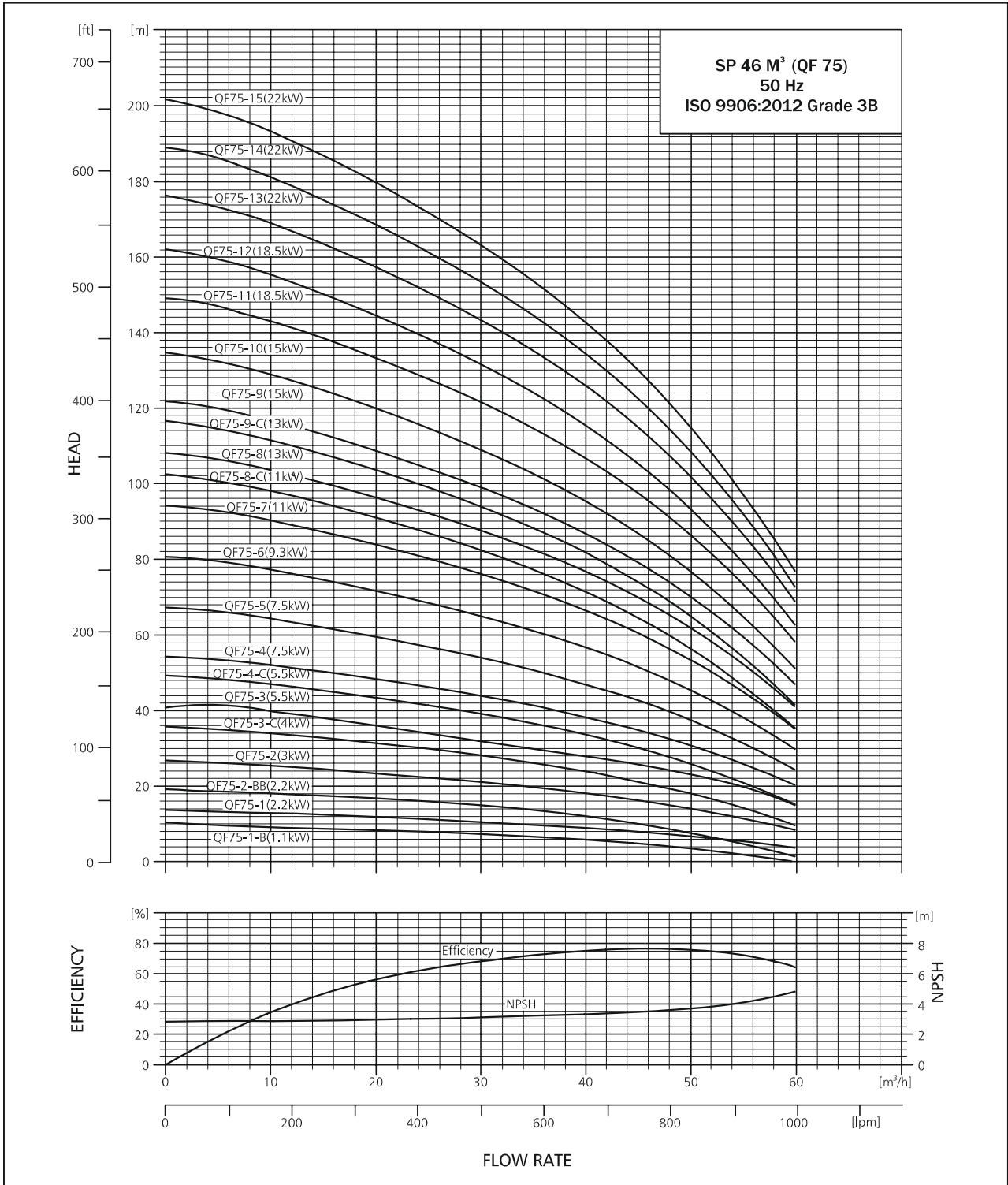


**PERFORMANCE CURVE**



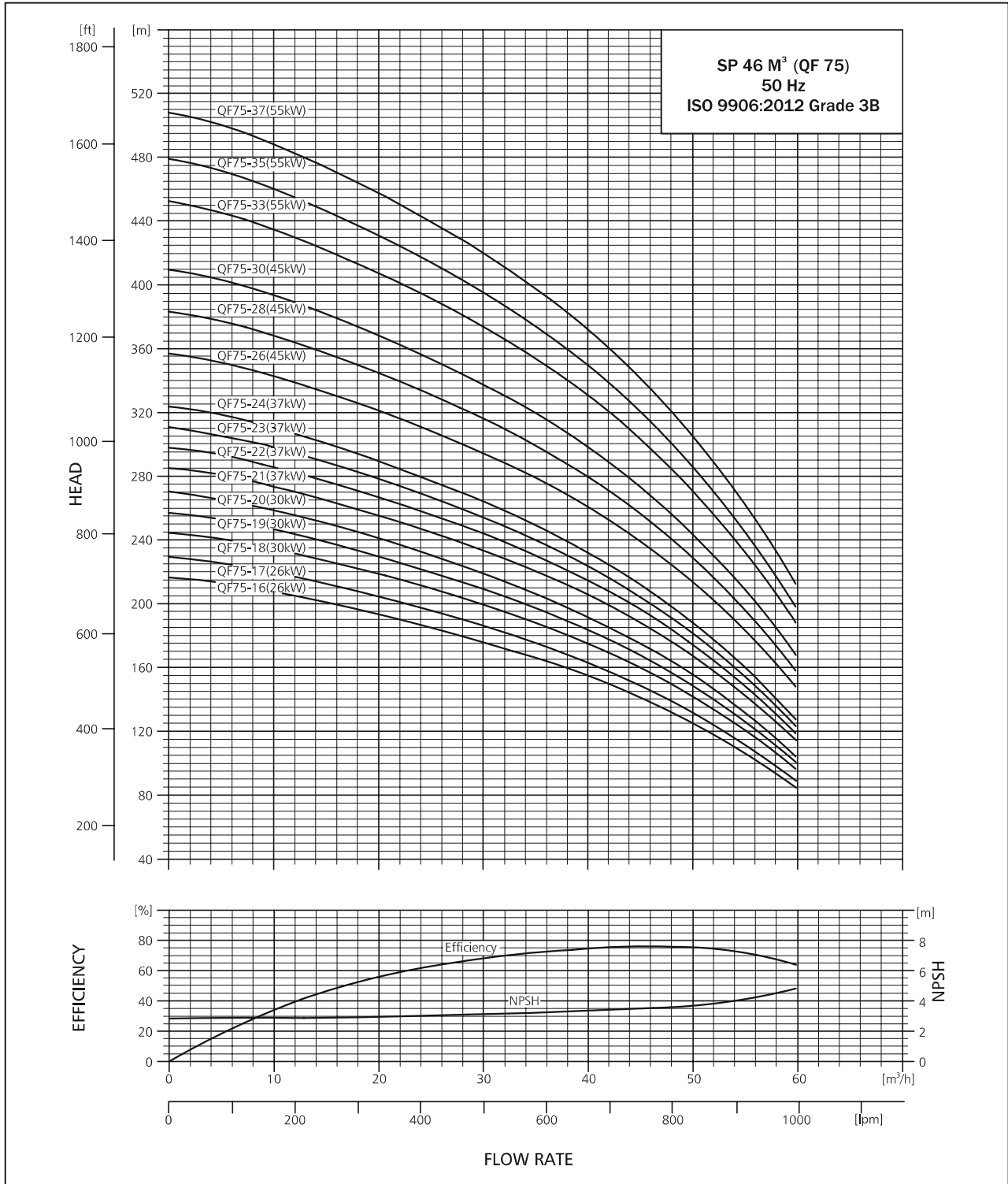
**SUBMERSIBLE PUMP QF 75**



**PERFORMANCE CURVE**



**SUBMERSIBLE PUMP QF 75**

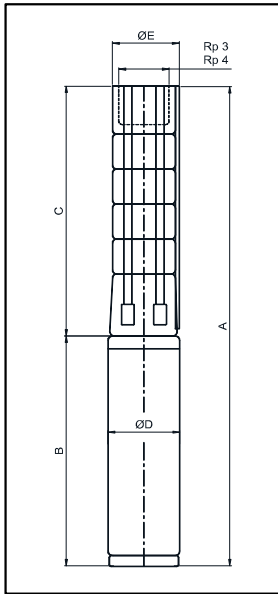


# TECHNICAL DATA



## SUBMERSIBLE PUMP QF 75

### DIMENSIONS AND WEIGHTS



E = Maximum diameter of pump inclusive of cable guard & motor.

### TECHNICAL DATA QF 75

PUMP TYPE	MOTOR		DIMENSIONS (mm)										NETWEIGHT(kg)	
	TYPE	POWER (kW)	Rp 3" CONNECTION				Rp 4" CONNECTION				B	D	PUMP	MOTOR
			A	C	E*	E**	A	C	E*	E**				
QF75-1-B	PREMIUM 100	1.1	715	376	138	-	715	376	138	-	339	95	7.8	15
QF75-1	PREMIUM 100	2.2	914	376	138	-	914	376	138	-	538	95	7.8	24
QF75-2-BB	PREMIUM 100	2.2	1027	489	138	-	1027	489	138	-	538	95	10.0	24
QF75-2	PREMIUM 100	3.0	1067	489	138	-	1067	489	138	-	578	95	10.0	26
QF75-3-C	PREMIUM 100	4.0	1292	602	138	-	1292	602	138	-	690	95	12.2	31
QF75-3	PREMIUM 100	5.5	1369	602	138	-	1369	602	138	-	767	95	12.2	35
QF75-4-C	PREMIUM 100	5.5	1482	715	138	-	1482	715	138	-	767	95	14.4	35
QF75-4	PREMIUM 100	7.5	1540	715	138	-	1540	715	138	-	825	95	14.4	38
QF75-5	PREMIUM 100	7.5	1653	828	138	-	1653	828	138	-	825	95	16.6	38
QF75-3-C	MATASF 150	4.0	1313	614	145	145	1313	614	145	145	699	145	14.2	51
QF75-3	MATASF 150	5.5	1313	614	145	145	1313	614	145	145	699	145	14.2	51
QF75-4-C	MATASF 150	5.5	1426	727	145	145	1426	727	145	145	699	145	16.4	51
QF75-4	MATASF 150	7.5	1446	727	145	145	1446	727	145	145	719	145	16.4	54
QF75-5	MATASF 150	7.5	1559	840	145	145	1559	840	145	145	719	145	18.6	54
QF75-6	MATASF 150	9.3	1702	953	145	145	1702	953	145	145	749	145	20.8	57
QF75-7	MATASF 150	11	1845	1066	145	145	1845	1066	145	145	779	145	23.0	59
QF75-8C	MATASF 150	11	1958	1179	145	145	1958	1179	145	145	779	145	25.2	59
QF75-8	MATASF 150	13	2008	1179	145	145	2008	1179	145	145	829	145	25.2	64
QF75-9C	MATASF 150	13	2121	1292	145	145	2121	1292	145	145	829	145	27.4	64
QF75-9	MATASF 150	15	2166	1292	145	145	2166	1292	145	145	874	145	27.4	70
QF75-10	MATASF 150	15	2279	1405	145	145	2279	1405	145	145	874	145	29.6	70
QF75-11	MATASF 150	18.5	2437	1518	145	145	2437	1518	145	145	919	145	31.8	73
QF75-12	MATASF 150	18.5	2550	1631	145	145	2550	1631	145	145	919	145	34.0	73
QF75-13	MATASF 150	22	2753	1744	145	145	2753	1744	145	145	1009	145	36.2	82
QF75-14	MATASF 150	22	2866	1857	145	145	2866	1857	145	145	1009	145	38.4	82
QF75-15	MATASF 150	22	2979	1970	145	145	2979	1970	145	145	1009	145	40.6	82
QF75-16	MATASF 150	26	3197	2083	145	145	3197	2083	145	145	1114	145	42.8	98
QF75-17	MATASF 150	26	3310	2196	145	145	3310	2196	145	145	1114	145	45.0	98
QF75-18	MATASF 150	30	3523	2309	145	145	3523	2309	145	145	1214	145	47.2	107
QF75-19	MATASF 150	30	3636	2422	145	145	3636	2422	145	145	1214	145	49.4	107
QF75-20	MATASF 150	30	3749	2535	145	145	3749	2535	145	145	1214	145	51.6	107
QF75-18	MATASF 200	30	3484	2344	194	194	3484	2344	194	194	1140	194	51.4	164
QF75-19	MATASF 200	30	3597	2457	194	194	3597	2457	194	194	1140	194	53.7	164
QF75-20	MATASF 200	30	3710	2570	194	194	3710	2570	194	194	1140	194	56.0	164
QF75-21	MATASF 200	37	3823	2683	194	194	3823	2683	194	194	1140	194	58.3	164
QF75-22	MATASF 200	37	3936	2796	194	194	3936	2796	194	194	1140	194	60.6	164
QF75-23	MATASF 200	37	4049	2909	194	194	4049	2909	194	194	1140	194	62.9	164
QF75-24	MATASF 200	37	4162	3022	194	194	4162	3022	194	194	1140	194	65.2	164
QF75-26	MATASF 200	45	4478	3248	194	194	4478	3248	194	194	1230	194	69.8	189
QF75-28	MATASF 200	45	4704	3474	194	194	4704	3474	194	194	1230	194	74.4	189
QF75-30	MATASF 200	45	4930	3700	194	194	4930	3700	194	194	1230	194	79.0	189
QF75-33	MATASF 200	55	5379	4039	194	194	5379	4039	194	194	1340	194	85.9	203
QF75-35	MATASF 200	55	5605	4265	194	194	5605	4265	194	194	1340	194	90.5	203
QF75-37	MATASF 200	55	5831	4491	194	194	5831	4491	194	194	1340	194	95.1	203

\* Maximum diameter of pump with one motor cable.

\*\* Maximum diameter of pump with two motor cable.

Motor type may change as per requirement.

Other type of connection is possible by means of connecting pieces. See page no. 117.

**TECHNICAL DATA**



**SUBMERSIBLE PUMP QF 75**

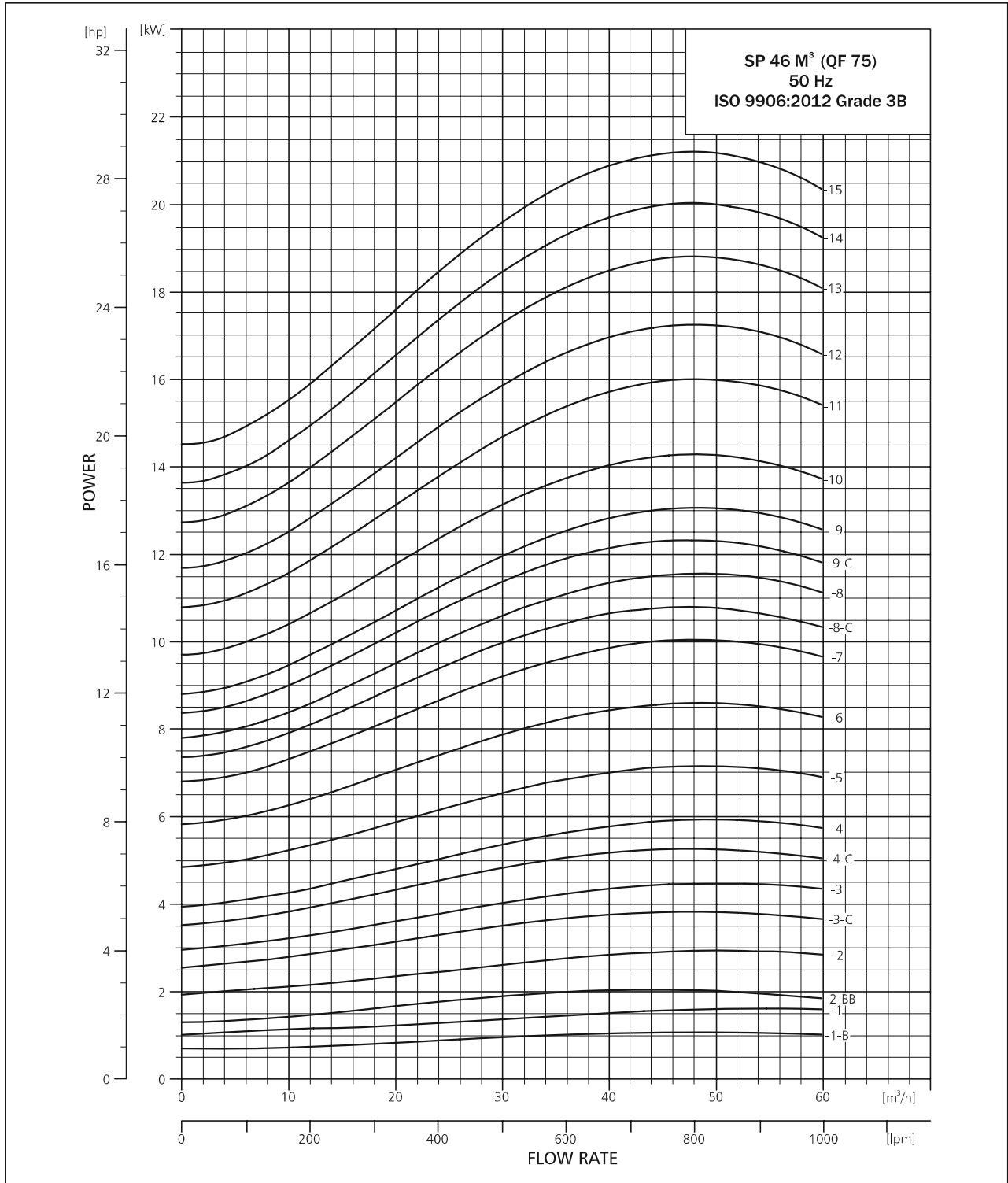
**PERFORMANCE TABLE QF 75**

QF-75				m <sup>3</sup> /h		DISCHARGE (Q)												
						0	5	10	15	20	25	30	35	40	45	50	55	59.8
				l/min.		0	83.3	166.7	250	333.3	416.7	500	583.3	666.7	750	833.3	916.7	996.7
MODEL	MATERIAL CODE			MOTOR RATING		TOTAL HEAD IN (m)												
	4x6	6x6	8x6	[kW]	[HP]	14	13	13	12	12	11	11	10	9	8	7	6	5
QF 75- 1	9000003082	-	-	2.2	3	14	13	13	12	12	11	11	10	9	8	7	6	5
QF 75- 2-BB	9000003137	-	-	2.2	3	19	19	18	17	17	16	15	14	12	10	8	5	1
QF 75- 2	9000003121	-	-	3	4	27	26	25	24	23	22	21	20	18	16	14	11	9
QF 75- 3-C	9000003150	-	-	4	5.5	36	35	34	33	31	30	28	26	24	21	18	14	10
QF 75- 3	9000003140	-	-	5.5	7.5	41	41	40	38	36	34	32	30	28	26	23	20	15
QF 75- 4-C	9000003156	-	-	5.5	7.5	49	48	47	45	43	41	39	37	34	30	26	21	15
QF 75- 4	9000003151	-	-	7.5	10	54	53	52	50	48	46	44	41	38	35	31	26	20
QF 75- 5	9000003158	-	-	7.5	10	67	66	64	62	60	57	54	51	47	43	37	31	24
QF 75- 6	-	-	-	9.3	12.5	81	79	77	75	72	68	65	61	57	51	45	38	30
QF 75- 7	-	-	-	11	15	94	93	90	87	84	80	76	72	66	60	53	45	35
QF 75- 8-C	-	-	-	11	15	103	101	98	95	91	87	82	77	71	64	56	46	36
QF 75- 8	-	-	-	13	17.5	108	106	104	100	96	92	88	83	77	70	62	52	41
QF 75- 9-C	-	-	-	13	17.5	117	115	112	108	104	99	94	88	82	74	65	54	42
QF 75- 9	-	-	-	15	20	122	120	117	113	109	104	99	93	87	79	70	59	47
QF 75- 10	-	9000003085	-	15	20	135	132	129	125	120	115	109	103	95	87	77	65	51
QF 75- 11	-	9000003089	-	18.5	25	149	147	143	138	133	128	122	115	107	97	86	73	59
QF 75- 12	-	9000003092	-	18.5	25	162	159	155	150	145	138	132	124	115	105	93	79	63
QF 75- 13	-	9000003095	-	22	30	176	173	169	163	157	151	143	135	126	115	102	86	69
QF 75- 14	-	9000003098	-	22	30	189	186	181	175	169	161	153	144	134	122	108	92	73
QF 75- 15	-	9000003101	-	22	30	202	198	193	187	180	172	163	154	143	130	115	97	77
QF 75- 16	-	9000003104	-	26	35	217	213	208	201	193	185	176	166	155	141	125	106	85
QF 75- 17	-	9000003107	-	26	35	229	226	220	213	205	196	186	175	163	149	132	112	89
QF 75- 18	-	9000003110	9000003111	30	40	244	241	234	227	219	209	199	188	175	160	142	121	97
QF 75- 19	-	9000003114	9000003115	30	40	257	253	247	239	230	220	209	197	183	167	148	126	101
QF 75- 20	-	9000003125	9000003126	30	40	270	265	259	251	241	230	219	206	192	175	155	132	105
QF 75- 21	-	9000009825	9000003127	37	50	285	280	273	265	255	245	234	221	206	188	167	143	115
QF 75- 22	-	9000003128	9000003129	37	50	298	293	286	277	267	256	244	230	215	196	174	148	119
QF 75- 23	-	9000010370	9000003130	37	50	311	306	298	289	278	267	254	240	223	204	181	154	124
QF 75- 24	-	9000003132	9000003133	37	50	324	318	310	300	289	277	264	249	232	212	188	160	128
QF 75- 26	-	-	9000010933	45	60	357	351	343	332	321	308	295	279	261	239	214	183	149
QF 75- 28	-	-	9000008080	45	60	383	377	368	357	345	331	316	299	280	256	229	196	159
QF 75- 30	-	-	9000008081	45	60	410	403	393	381	368	353	337	319	298	273	244	208	169
QF 75- 33	-	-	9000008082	55	75	452	445	435	422	407	391	374	354	331	303	271	232	189
QF 75- 35	-	-	-	55	75	479	472	461	448	432	415	397	375	351	321	287	246	200
QF 75- 37	-	-	-	55	75	507	499	488	473	456	438	419	397	371	340	304	260	212

# PERFORMANCE CURVE



## SUBMERSIBLE PUMP QF 75



# PERFORMANCE CURVE



## SUBMERSIBLE PUMP QF 75

