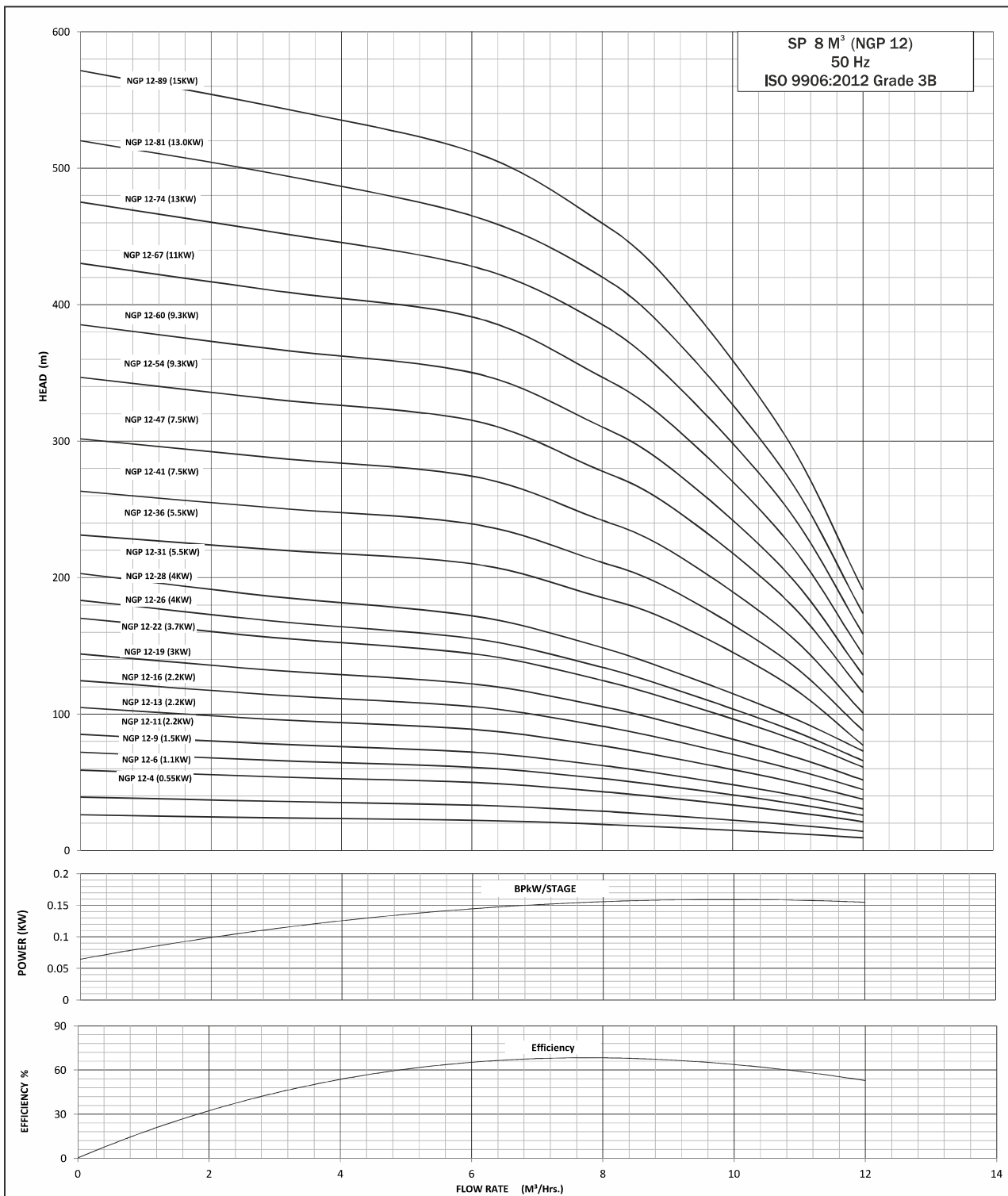


# PERFORMANCE CURVE



## SUBMERSIBLE PUMP NGP 12

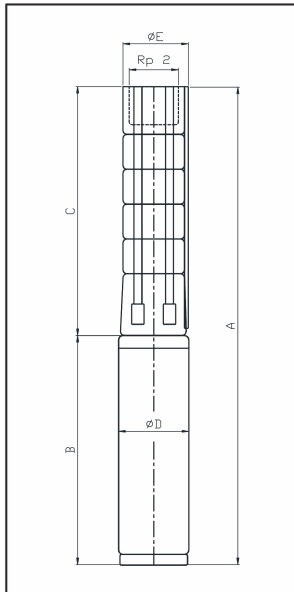


# TECHNICAL DATA



## SUBMERSIBLE PUMP NGP 12

### DIMENSIONS AND WEIGHTS



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

TECHNICAL DATA NGP 12

PUMP TYPE	MOTOR		DIMENSIONS (mm)						NET WEIGHT (kg)			
	TYPE	POWER (kW)	C	B		A		D	E	PUMP	MOTOR	
				1X230V	3X220V 3X400V	1X230V	3X220V 3X400V				1X230V	3X220V 3X400V
NGP 12 - 4	PREMIUM 100	0.55	418	291	291	709	709	95	97	5.8	10	11
NGP 12 - 6	PREMIUM 100	1.1	518	339	339	857	857	95	97	7	15	15
NGP 12 - 9	PREMIUM 100	1.5	668	404	404	1072	1072	95	97	8.8	17	17
NGP 12 - 11	PREMIUM 100	2.2	768	538	538	1306	1306	95	97	10	24	24
NGP 12 - 13	PREMIUM 100	2.2	868	538	538	1406	1406	95	97	11.2	24	24
NGP 12 - 16	PREMIUM 100	2.2	1018	538	538	1556	1556	95	97	13	24	24
NGP 12 - 19	PREMIUM 100	3	1168	690	578	1858	1746	95	97	14.8	31	26
NGP 12 - 22	PREMIUM 100	3.7	1318	690	690	2008	2008	95	97	16.6	31	31
NGP 12 - 26	PREMIUM 100	4	1518	-	690	-	2208	95	97	19.1	31	31
NGP 12 - 28	PREMIUM 100	4	1618	-	690	-	2308	95	97	20.3	31	31
NGP12 - 36	PREMIUM 100	5.5	2018	-	767	-	2785	95	97	25	-	35
NGP 12 - 28	MATASF 150	4	1669	-	699	-	2368	145	145	22.5	-	51
NGP 12 - 31	MATASF 150	5.5	1819	-	699	-	2518	145	145	24.4	-	51
NGP 12 - 36	MATASF 150	5.5	2069	-	699	-	2768	145	145	27.6	-	51
NGP 12 - 41	MATASF 150	7.5	2319	-	719	-	3038	145	145	30.8	-	54
NGP 12 - 47	MATASF 150	7.5	2619	-	719	-	3338	145	145	34.6	-	54
NGP 12 - 54	MATASF 150	9.3	2969	-	749	-	3718	145	145	39	-	57
NGP 12 - 60	MATASF 150	9.3	3269	-	749	-	4018	145	145	42.8	-	57
NGP 12 - 67	MATASF 150	11	3619	-	779	-	4398	145	145	47.3	-	59
NGP 12 - 74	MATASF 150	13	3969	-	829	-	4798	145	145	51.7	-	64
NGP 12 - 81	MATASF 150	13	4319	-	829	-	5148	145	145	56.2	-	64
NGP 12 - 89	MATASF 150	15	4719	-	874	-	5593	145	145	61.3	-	70

\* Maximum diameter of pump with one motor cable.

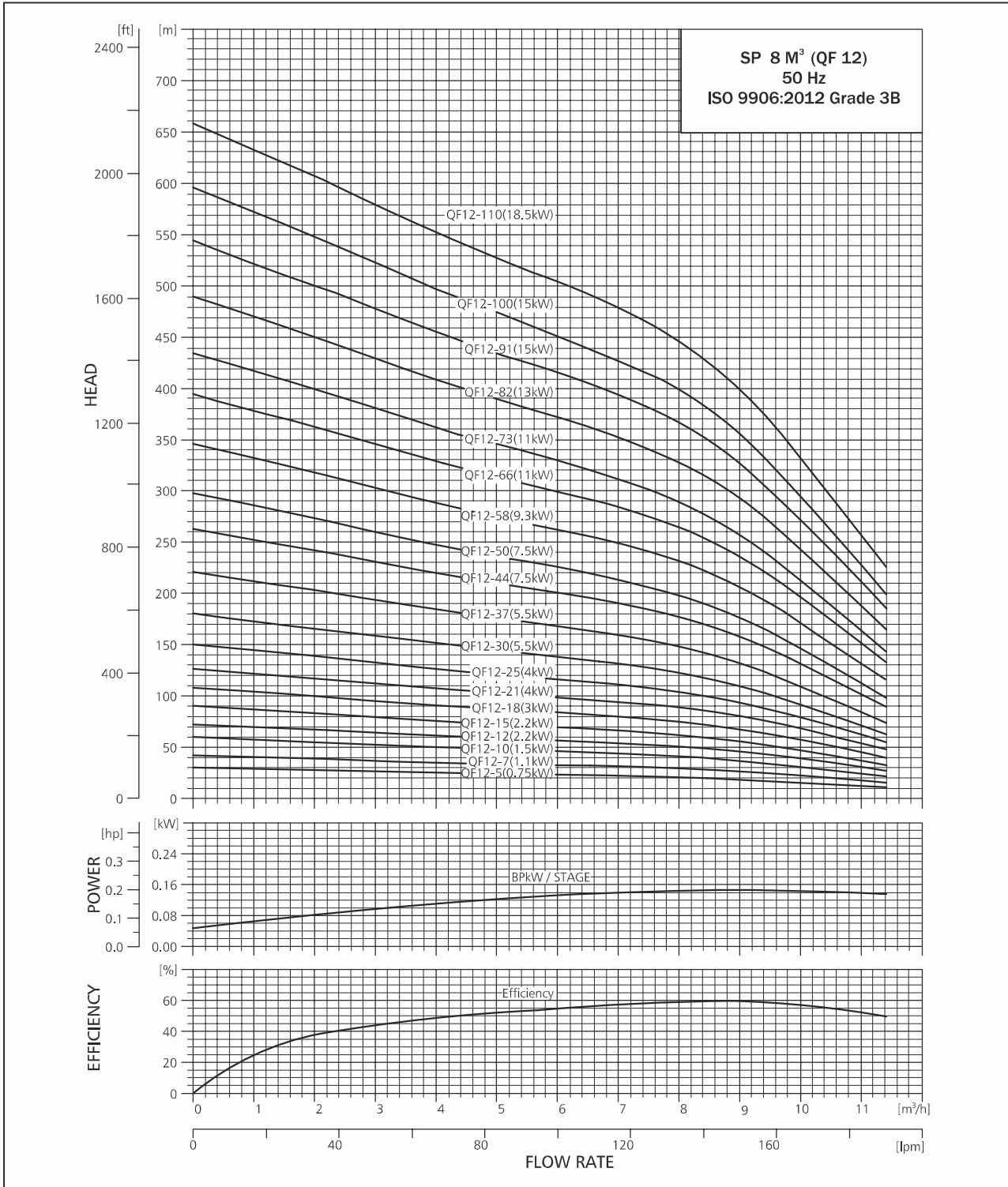
PERFORMANCE TABLE NGP 12

NGP12 - 50HZ			DISCHARGE (Q)								
			M3/h	0	3	6	8	9	11	12	
			I/min.	0	50	100	130	150	180	200	
MODEL	MATERIAL CODE		MOTOR RATING		TOTAL HEAD (m)						
	(4X4)	(6X4)	[kW]	[HP]	26	24	22	20	17	13	9
NGP 12 - 4	9000023238		0.55	0.75	26	24	22	20	17	13	9
NGP 12 - 6	9000023239		1.1	1.5	39	36	33	29	26	19	14
NGP 12 - 9	9000023240		1.5	2	59	54	50	44	39	29	21
NGP 12 - 11	9000023241		2.2	3	72	66	61	54	47	35	26
NGP 12 - 13	9000023242		2.2	3	85	78	72	63	56	42	31
NGP 12 - 16	9000023243		2.2	3	105	96	89	78	69	52	38
NGP 12 - 19	9000023244		3	4	124	114	105	93	81	61	45
NGP 12 - 22	9000023245		3.7	5	144	132	122	107	94	71	52
NGP 12 - 26	9000023246		4	5.5	170	156	144	127	111	84	61
NGP 12 - 28	9000023880	9000030149	4	5.5	183	168	155	137	120	90	66
NGP 12 - 31		9000023764	5.5	7.5	203	186	172	151	133	100	73
NGP 12 - 36	9000030345	9000029440	5.5	7.5	231	220	210	188	173	123	77
NGP12 - 41		9000023249	7.5	10	263	251	239	214	197	140	88
NGP 12 - 47		9000029952	7.5	10	302	288	274	245	226	161	101
NGP 12 - 54		9000029953	9.3	12.5	347	331	315	282	259	185	116
NGP 12 - 60		9000029954	9.3	12.5	385	367	350	313	288	205	129
NGP 12 - 67		9000029955	11	15	430	410	391	349	322	229	144
NGP 12 - 74		9000029956	13	17.5	475	453	432	386	355	253	159
NGP 12 - 81		9000029957	13	17.5	520	496	473	422	389	277	174
NGP 12 - 89		9000029958	15	20	571	545	519	464	427	305	191

# PERFORMANCE CURVE



## SUBMERSIBLE PUMP QF 12

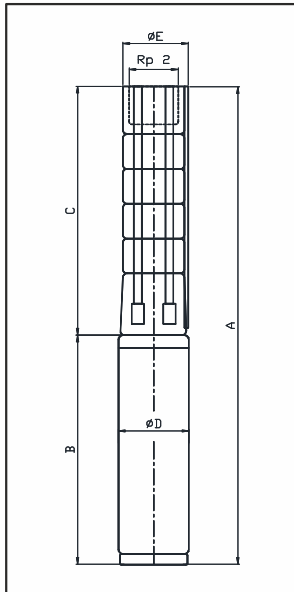


# TECHNICAL DATA



## SUBMERSIBLE PUMP QF 12

### DIMENSIONS AND WEIGHTS



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

QF12-58 to QF12-110 are mounted in sleeve for R 2" connection

**TECHNICAL DATA QF 12**

PUMP TYPE	MOTOR		DIMENSIONS (mm)							NET WEIGHT (kg)		
	TYPE	POWER (kW)	C	B		A		D	E	PUMP	MOTOR	
				1x230V	3x220V 3x400V	1x230V	3x220V 3x400V				1x230V	3x220V 3x400V
QF12 - 5	PREMIUM 100	0.75	448	291	291	739	739	95	97	5.8	11	12
QF12 - 7	PREMIUM 100	1.1	532	339	339	871	871	95	97	6.8	15	15
QF12 - 10	PREMIUM 100	1.5	658	404	404	1062	1062	95	97	8.2	17	17
QF12 - 12	PREMIUM 100	2.2	742	538	538	1280	1280	95	97	9.2	24	24
QF12 - 15	PREMIUM 100	2.2	868	538	538	1406	1406	95	97	10.6	24	24
QF12 - 18	PREMIUM 100	3	994	690	578	1684	1572	95	97	12.1	31	26
QF12 - 21	PREMIUM 100	4	1120	690	690	1810	1810	95	97	13.5	31	31
QF12 - 25	PREMIUM 100	4	1288	690	690	1978	1978	95	97	15.5	31	31
QF12 - 30	PREMIUM 100	5.5	1498	-	767	-	2265	95	97	17.9	-	35
QF12 - 37	PREMIUM 100	5.5	1792	-	767	-	2559	95	97	21.2	-	35
QF12 - 44	PREMIUM 100	7.5	2086	-	825	-	2911	95	97	24.6	-	38
QF12 - 50	PREMIUM 100	7.5	2338	-	825	-	3163	95	97	27.5	-	38
QF12 - 30	MATASF 150	5.5	1550	-	699	-	2249	145	145	19.7	-	51
QF12 - 37	MATASF 150	5.5	1844	-	699	-	2543	145	145	23.2	-	51
QF12 - 44	MATASF 150	7.5	2138	-	719	-	2857	145	145	26.6	-	54
QF12 - 50	MATASF 150	7.5	2390	-	719	-	3109	145	145	29.5	-	54
QF12 - 58	MATASF 150	9.3	2726	-	749	-	3475	145	145	33.4	-	57
QF12 - 66	MATASF 150	11	3062	-	779	-	3841	145	145	37.7	-	59
QF12 - 73	MATASF 150	11	3356	-	779	-	4135	145	145	40.7	-	59
QF12 - 82	MATASF 150	13	3734	-	829	-	4563	145	145	45	-	64
QF12 - 91	MATASF 150	15	4112	-	874	-	4986	145	145	49.4	-	70
QF12 - 100	MATASF 150	15	4490	-	874	-	5364	145	145	53.8	-	70
Qf12 - 110	MATASF 150	18.5	4910	-	919	-	5829	145	145	58.6	-	73

\* Maximum diameter of pump with one motor cable.

**PERFORMANCE TABLE QF 12**

MODEL		CONNECTION		MATERIAL CODE		MOTOR RATING		DISCHARGE (Q)										
								m <sup>3</sup> /h		0	1.4	2	4	6	8	9	10	11
								l/min.		0	23.4	33.4	66.8	100.2	133.3	150	167	183.7
								TOTAL HEAD IN (m)										
								1-	3-									
								[kW]	[HP]	[A]	[A]							
QF 12 - 5	Rp 2	9000002616	-	0.75	1.0	5.5	2.3	30	29	27	25	23	21	19	16	12		
QF 12 - 7		9000002626	-	1.1	1.5	8.2	3.4	42	40	38	35	32	29	26	22	17		
QF 12 - 10		9000002581	-	1.5	2.0	10.2	4.2	60	57	55	50	46	41	37	32	24		
QF 12 - 12		9000002585	-	2.2	3.0	14.0	5.5	72	68	66	61	57	51	46	39	31		
QF 12 - 15		9000002588	-	2.2	3.0	14.0	5.5	90	85	82	76	70	62	56	47	37		
QF 12 - 18		9000002592	-	3.0	4.0	-	7.9	108	102	99	91	84	75	67	57	45		
QF 12 - 21		9000002596	9000011469	4.0	5.5	-	9.6	127	120	117	107	99	89	80	68	53		
QF 12 - 25		9000002600	9000008265	4.0	5.5	-	9.6	150	142	139	126	116	104	94	79	62		
QF 12 - 30		9000002606	9000002607	5.5	7.5	-	13.6	180	170	165	151	138	123	110	92	71		
QF 12 - 37		9000002609	9000002610	5.5	7.5	-	13.6	221	210	202	184	168	148	132	110	84		
QF 12 - 44	Sleeve	-	9000002614	7.5	10.0	-	-	264	246	238	220	202	185	167	141	106		
QF 12 - 50		-	9000002619	7.5	10.0	-	-	300	279	270	250	230	210	190	160	120		
QF 12 - 58		-	9000012044	9.3	12.5	-	-	348	324	314	290	266	244	220	186	140		
QF 12 - 66		-	9000002624	11	15.0	-	-	396	369	357	330	303	277	250	211	159		
QF 12 - 73		-	9000002627	11	15.0	-	-	438	408	395	365	335	307	277	234	176		
QF 12 - 82		-	9000002629	13.0	17.5	-	-	492	458	443	410	376	345	311	263	197		
QF 12 - 91		-	9000002631	15.0	20.0	-	-	546	509	492	455	418	383	345	292	219		
QF 12 - 100		-	9000002582	15.0	20.0	-	-	600	559	541	500	459	420	379	320	241		
QF 12 - 110		-	9000013726	18.5	25.0	-	-	660	615	595	550	505	462	417	352	265		