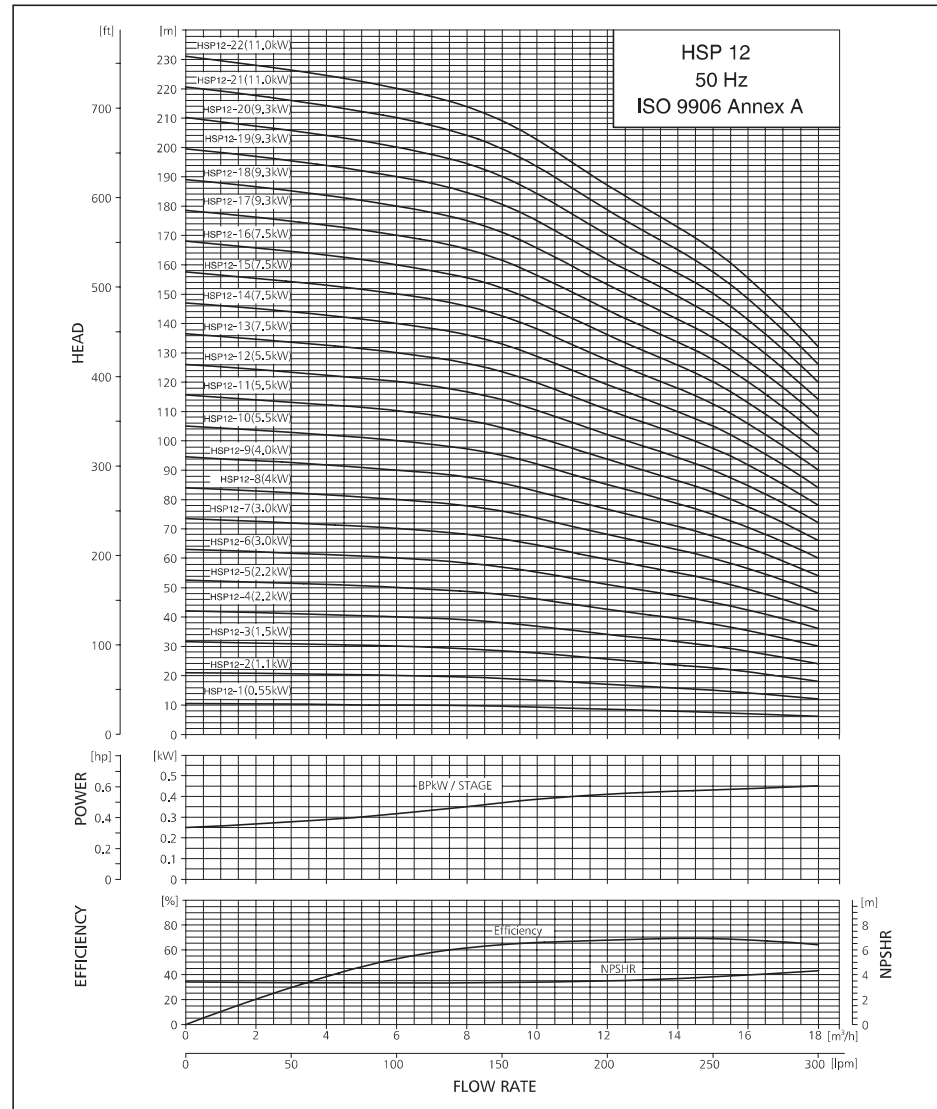


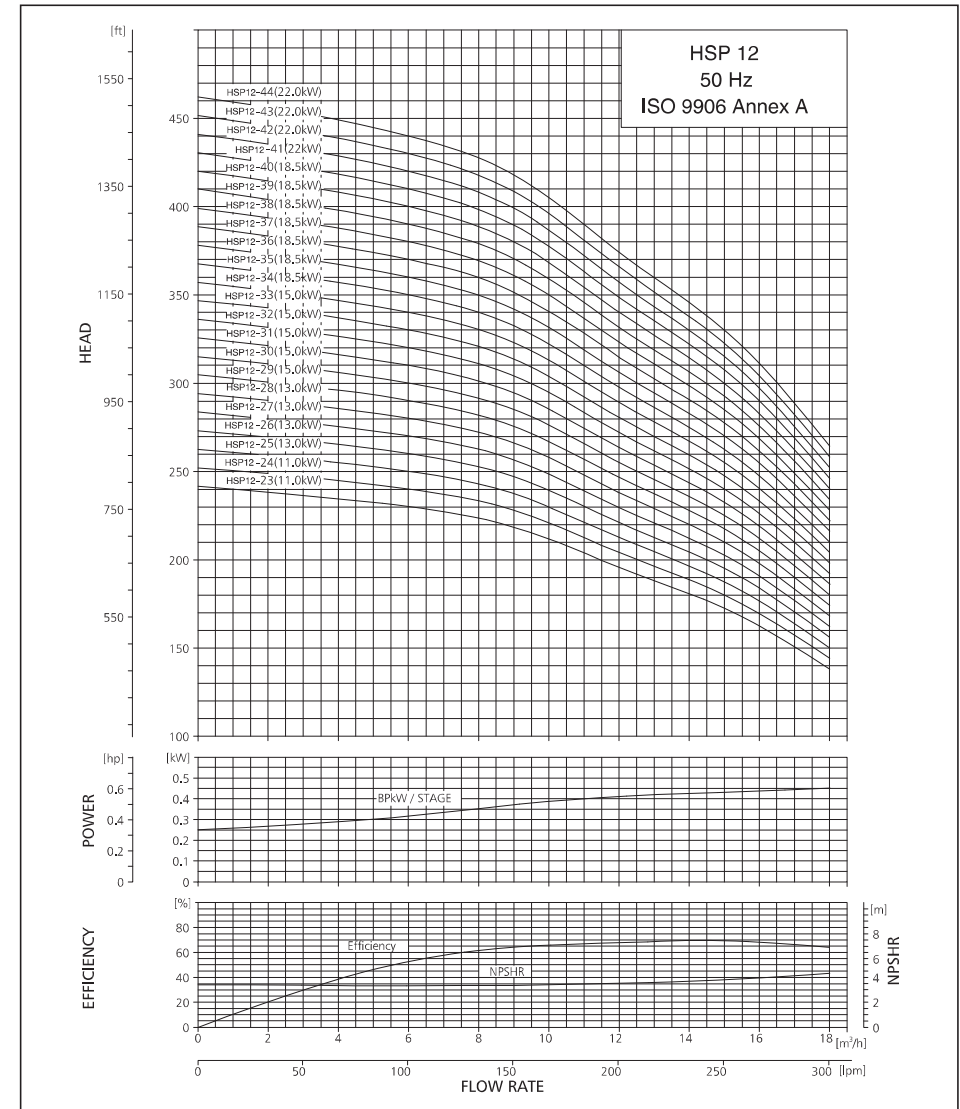
PERFORMANCE CURVE

SUBMERSIBLE PUMP HSP 12



PERFORMANCE CURVE

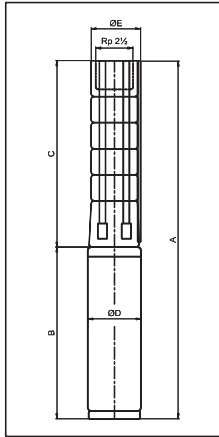
SUBMERSIBLE PUMP HSP 12



TECHNICAL DATA

SUBMERSIBLE PUMP HSP 12

DIMENSIONS AND WEIGHTS



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



TECHNICAL DATA HSP 12

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	1x230V					3x220V 3x400V	
HSP12-1	MOTOR 4"	0.55	330	271	242	601	572	95	143	-	5	10	9	
HSP12-2	MOTOR 4"	1.1	390	340	292	730	682	95	143	-	6	13	11	
HSP12-3	MOTOR 4"	1.5	451	405	340	856	791	95	143	-	7	15	13	
HSP12-4	MOTOR 4"	2.2	511	482	405	993	916	95	143	-	9	17	15	
HSP12-5	MOTOR 4"	2.2	572	482	405	1054	977	95	143	-	10	17	15	
HSP12-6	MOTOR 4"	3	632	-	482	-	1114	95	143	-	11	-	17	
HSP12-7	MOTOR 4"	3	693	-	482	-	1175	95	143	-	12	-	17	
HSP12-8	MOTOR 4"	4	753	-	579	-	1332	95	143	-	14	-	23	
HSP12-9	MOTOR 4"	4	814	-	579	-	1393	95	143	-	15	-	23	
HSP12-10	MOTOR 4"	5.5	874	-	693	-	1567	95	143	-	16	-	29	
HSP12-11	MOTOR 4"	5.5	935	-	693	-	1628	95	143	-	17	-	29	
HSP12-12	MOTOR 4"	5.5	995	-	693	-	1688	95	143	-	18	-	29	
HSP12-13	MOTOR 4"	7.5	1056	-	770	-	1826	95	143	-	20	-	33	
HSP12-14	MOTOR 4"	7.5	1116	-	770	-	1886	95	143	-	21	-	33	
HSP12-15	MOTOR 4"	7.5	1177	-	770	-	1947	95	143	-	22	-	33	
HSP12-16	MOTOR 4"	7.5	1237	-	770	-	2007	95	143	-	23	-	33	
HSP12-11	MOTOR 6"	5.5	935	-	699	-	1634	145	143	-	17	-	48	
HSP12-12	MOTOR 6"	5.5	995	-	699	-	1694	145	143	-	18	-	48	
HSP12-13	MOTOR 6"	7.5	1056	-	719	-	1775	145	143	145	20	-	50	
HSP12-14	MOTOR 6"	7.5	1116	-	719	-	1835	145	143	145	21	-	50	
HSP12-15	MOTOR 6"	7.5	1177	-	719	-	1896	145	143	145	22	-	50	
HSP12-16	MOTOR 6"	7.5	1237	-	719	-	1956	145	143	145	23	-	50	
HSP12-17	MOTOR 6"	9.3	1298	-	749	-	2047	145	143	145	25	-	53	
HSP12-18	MOTOR 6"	9.3	1358	-	749	-	2107	145	143	145	26	-	53	
HSP12-19	MOTOR 6"	9.3	1419	-	749	-	2168	145	143	145	27	-	53	
HSP12-20	MOTOR 6"	9.3	1479	-	749	-	2228	145	143	145	28	-	53	
HSP12-21	MOTOR 6"	11	1540	-	779	-	2319	145	143	145	29	-	56	
HSP12-22	MOTOR 6"	11	1600	-	779	-	2379	145	143	145	31	-	56	
HSP12-23	MOTOR 6"	11	1661	-	779	-	2440	145	143	145	32	-	56	
HSP12-24	MOTOR 6"	11	1721	-	779	-	2500	145	143	145	33	-	56	
HSP12-25	MOTOR 6"	13	1782	-	829	-	2611	145	143	145	34	-	61	
HSP12-26	MOTOR 6"	13	1842	-	829	-	2671	145	143	145	36	-	61	
HSP12-27	MOTOR 6"	13	1903	-	829	-	2732	145	143	145	37	-	61	
HSP12-28	MOTOR 6"	13	1963	-	829	-	2792	145	143	145	38	-	61	
HSP12-29	MOTOR 6"	15	2024	-	874	-	2898	145	143	145	39	-	66	
HSP12-30	MOTOR 6"	15	2084	-	874	-	2958	145	143	145	41	-	66	
HSP12-31	MOTOR 6"	15	2145	-	874	-	3019	145	143	145	42	-	66	
HSP12-32	MOTOR 6"	15	2205	-	874	-	3079	145	143	145	43	-	66	
HSP12-33	MOTOR 6"	15	2266	-	874	-	3140	145	143	145	44	-	66	
HSP12-34	MOTOR 6"	18.5	2326	-	919	-	3245	145	143	145	45	-	70	
HSP12-35	MOTOR 6"	18.5	2387	-	919	-	3306	145	143	145	47	-	70	
HSP12-36	MOTOR 6"	18.5	2447	-	919	-	3366	145	143	145	48	-	70	
HSP12-37	MOTOR 6"	18.5	2508	-	919	-	3427	145	143	145	49	-	70	
HSP12-38	MOTOR 6"	18.5	2568	-	919	-	3487	145	143	145	50	-	70	
HSP12-39	MOTOR 6"	18.5	2629	-	919	-	3548	145	143	145	52	-	70	
HSP12-40	MOTOR 6"	18.5	2689	-	919	-	3608	145	143	145	53	-	70	
HSP12-41	MOTOR 6"	22	2750	-	1009	-	3759	145	143	145	54	-	79	
HSP12-42	MOTOR 6"	22	2810	-	1009	-	3819	145	143	145	55	-	79	
HSP12-43	MOTOR 6"	22	2871	-	1009	-	3880	145	143	145	57	-	79	
HSP12-44	MOTOR 6"	22	2931	-	1009	-	3940	145	143	145	58	-	79	

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

TECHNICAL DATA

SUBMERSIBLE PUMP HSP 12

PERFORMANCE TABLE HSP 12

HSP 12			DISCHARGE (Q)													
			m³/h	0	2	4	6	8	10	12	14	16	18			
			1/min.	0	33.3	66.7	100	133.3	166.7	200	233.3	266.7	300			
MODEL	CONNECTION	MOTOR RATING		TOTAL HEAD IN (m)												
		[kW]	[HP]													
HSP12-1	Rp2	0.55	0.75	11	10	10	10	10	9	9	8	7	6			
HSP12-2		1.1	1.5	21	21	20	20	19	18	17	16	14	12			
HSP12-3		1.5	2	32	31	31	30	29	27	26	23	21	18			
HSP12-4		2.2	3	42	41	44	40	39	37	34	31	28	24			
HSP12-5		2.2	3	53	52	51	50	49	46	43	39	35	30			
HSP12-6		3	4	63	62	61	60	58	56	51	47	43	36			
HSP12-7		3	4	74	73	71	70	68	64	60	55	49	42			
HSP12-8		4	5.5	84	83	82	80	78	74	68	63	57	48			
HSP12-9		4	5.5	95	93	92	90	88	83	77	71	63	54			
HSP12-10		5.5	7.5	105	103	102	100	97	92	85	79	71	60			
HSP12-11		5.5	7.5	116	114	112	110	107	101	94	86	78	66			
HSP12-12		5.5	7.5	126	124	122	120	117	110	102	94	85	72			
HSP12-13		7.5	10	137	135	133	130	127	120	111	102	92	78			
HSP12-14		7.5	10	147	145	143	140	136	129	119	110	99	84			
HSP12-15		7.5	10	158	155	153	150	146	138	128	118	106	90			
HSP12-16		7.5	10	168	166	163	160	156	147	136	126	113	96			
HSP12-17		9.3	12.5	179	176	174	170	165	156	145	134	120	102			
HSP12-18		9.3	12.5	189	186	184	180	175	166	153	141	127	108			
HSP12-19		9.3	12.5	200	197	194	190	185	175	162	149	135	114			
HSP12-20		9.3	12.5	210	207	204	200	195	184	170	157	141	120			
HSP12-21		11	15	221	218	214	210	204	194	179	165	148	126			
HSP12-22		11	15	231	228	225	220	214	202	187	173	156	132			
HSP12-23		11	15	242	238	235	230	224	212	196	180	162	138			
HSP12-24		11	15	252	248	245	240	233	221	204	188	170	144			
HSP12-25		13	17.5	263	258	255	250	243	230	213	196	177	150			
HSP12-26		13	17.5	273	268	266	260	252	240	221	205	185	156			
HSP12-27		13	17.5	284	280	276	270	262	249	230	213	190	162			
HSP12-28		13	17.5	294	290	286	280	272	258	238	220	198	168			
HSP12-29		15	20	305	300	297	290	282	268	247	228	205	174			
HSP12-30		15	20	315	310	307	300	292	277	255	236	212	180			
HSP12-31		15	20	326	320	317	310	301	285	264	244	219	186			
HSP12-32		15	20	336	330	327	320	311	295	272	252	226	192			
HSP12-33		15	20	347	340	338	330	321	303	281	260	234	198			
HSP12-34		18.5	25	357	350	347	340	330	312	289	268	240	204			
HSP12-35	18.5	25	368	360	357	350	340	322	298	275	248	210				
HSP12-36	18.5	25	378	370	367	360	350	332	306	283	256	216				
HSP12-37	18.5	25	389	380	377	370	360	340	315	291	262	222				
HSP12-38	18.5	25	399	390	388	380	370	350	323	298	269	228				
HSP12-39	18.5	25	410	402	398	390	379	359	332	306	275	234				
HSP12-40	18.5	25	420	412	408	400	389	368	340	315	282	240				
HSP12-41	22	30	431	422	418	410	398	378	349	322	290	246				
HSP12-42	22	30	441	432	429	420	408	386	357	330	297	252				
HSP12-43	22	30	452	442	439	430	418	396	366	338	304	258				
HSP12-44	22	30	462	452	449	440	428	405	374	346	311	264				