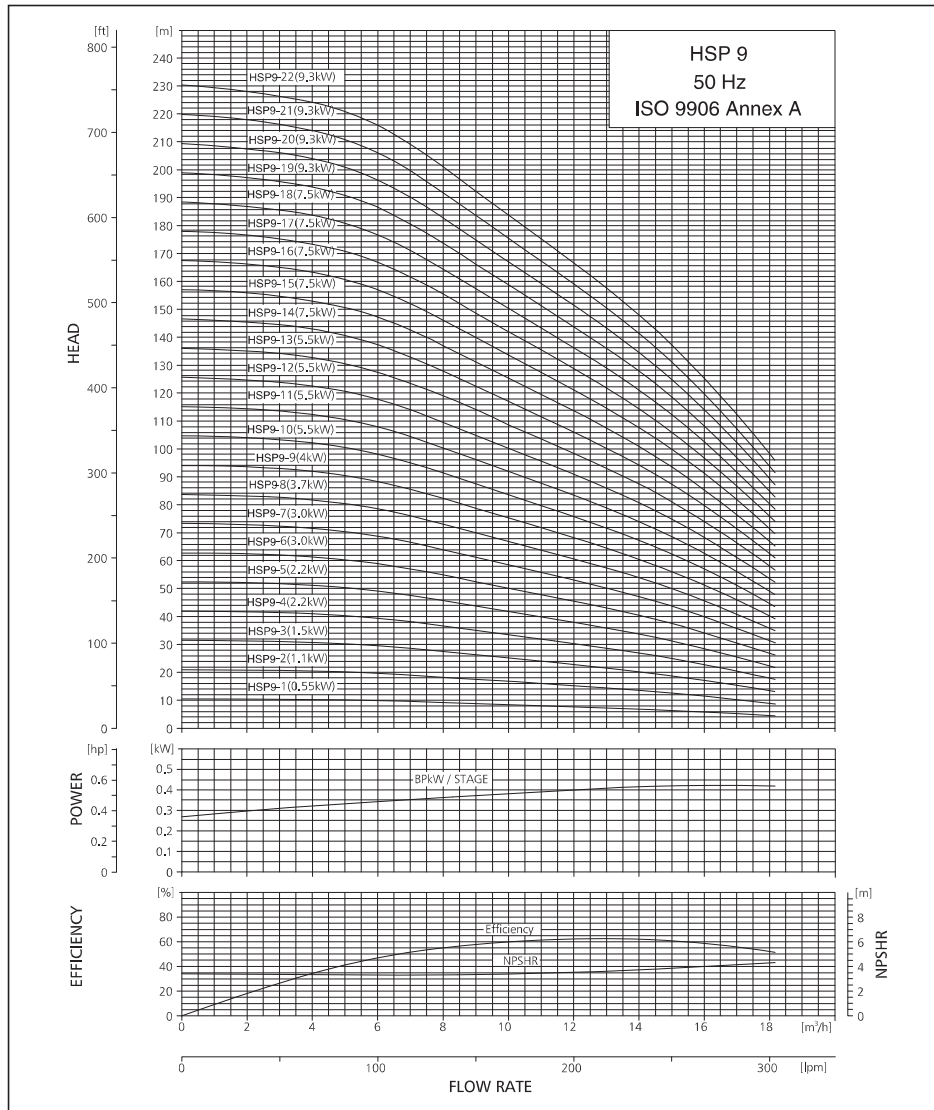


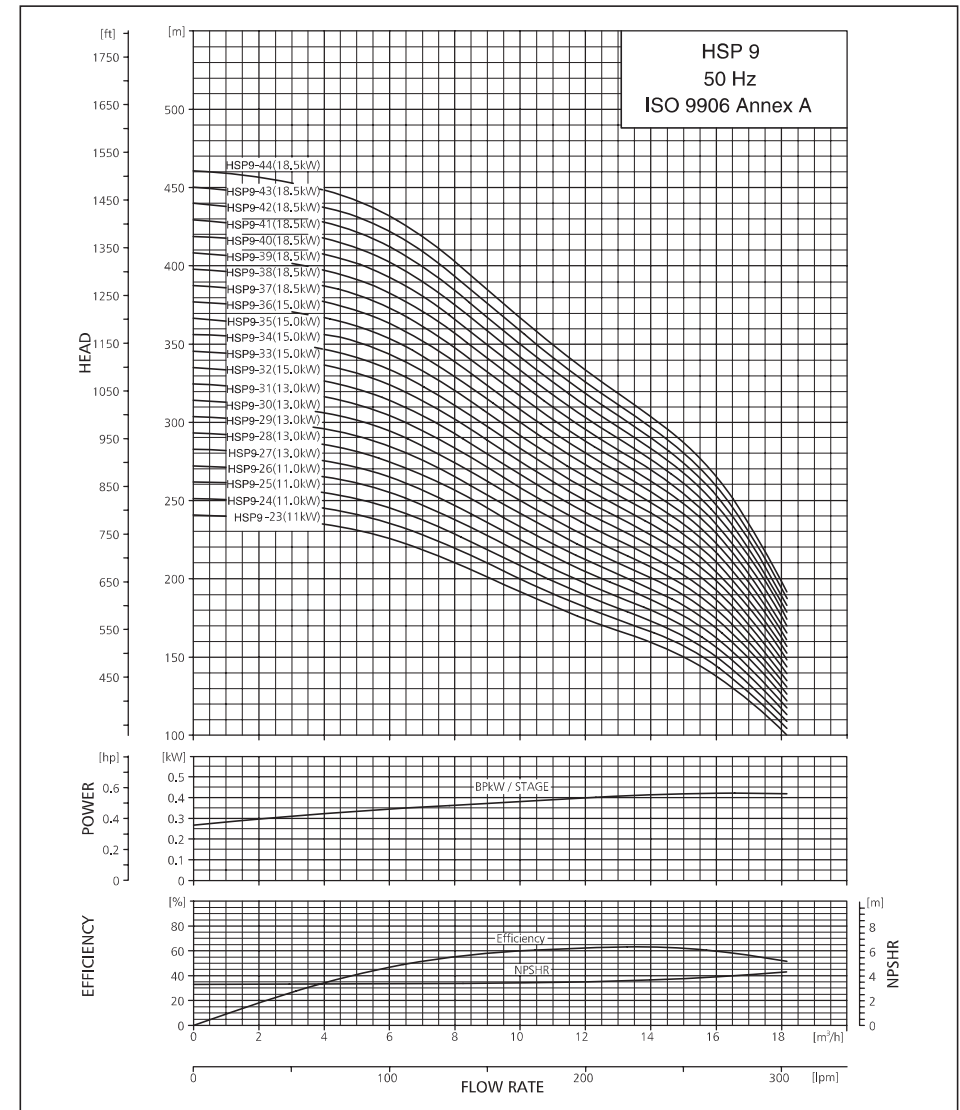
PERFORMANCE CURVE

SUBMERSIBLE PUMP HSP 9



PERFORMANCE CURVE

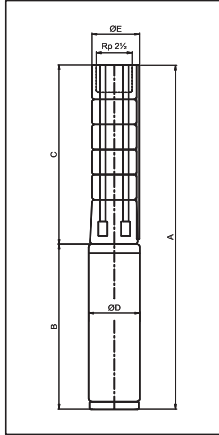
SUBMERSIBLE PUMP HSP 9



TECHNICAL DATA

SUBMERSIBLE PUMP HSP 9

DIMENSIONS AND WEIGHTS



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



TECHNICAL DATA HSP 9

PUMP TYPE	MOTOR		C	DIMENSIONS (MM)								NET WEIGHT (KG)		
				B				A				PUMP	MOTOR	
				1x230V	3x220V 3x400V	1x230V	3x220V 3x400V	D	E*	E**			1x230V	3x220V 3x400V
HSP9-1	MOTOR 4"	0.55	330	271	242	601	572	95	143	-	5	10	9	
HSP9-2	MOTOR 4"	1.1	390	340	292	730	682	95	143	-	6	13	11	
HSP9-3	MOTOR 4"	1.5	451	405	340	856	791	95	143	-	7	15	13	
HSP9-4	MOTOR 4"	2.2	511	482	405	993	916	95	143	-	9	17	15	
HSP9-5	MOTOR 4"	2.2	572	482	405	1054	977	95	143	-	10	17	15	
HSP9-6	MOTOR 4"	3	632	-	482	-	1114	95	143	-	11	-	17	
HSP9-7	MOTOR 4"	3	693	-	482	-	1175	95	143	-	12	-	17	
HSP9-8	MOTOR 4"	3.7	753	693	-	1446	-	95	143	-	14	29	-	
HSP9-9	MOTOR 4"	4	814	-	579	-	1393	95	143	-	15	-	23	
HSP9-10	MOTOR 4"	5.5	874	-	693	-	1567	95	143	-	16	-	29	
HSP9-11	MOTOR 4"	5.5	935	-	693	-	1628	95	143	-	17	-	29	
HSP9-12	MOTOR 4"	5.5	995	-	693	-	1688	95	143	-	18	-	29	
HSP9-13	MOTOR 4"	5.5	1056	-	693	-	1749	95	143	-	20	-	29	
HSP9-14	MOTOR 4"	7.5	1116	-	770	-	1886	95	143	-	21	-	33	
HSP9-15	MOTOR 4"	7.5	1177	-	770	-	1947	95	143	-	22	-	33	
HSP9-16	MOTOR 4"	7.5	1237	-	770	-	2007	95	143	-	23	-	33	
HSP9-17	MOTOR 4"	7.5	1298	-	770	-	2068	95	143	-	25	-	33	
HSP9-18	MOTOR 4"	7.5	1358	-	770	-	2128	95	143	-	26	-	33	
HSP9-12	MOTOR 6"	5.5	995	-	699	-	1694	143	145	-	18	-	48	
HSP9-13	MOTOR 6"	5.5	1056	-	699	-	1755	143	145	-	20	-	48	
HSP9-14	MOTOR 6"	7.5	1116	-	719	-	1835	143	145	145	21	-	50	
HSP9-15	MOTOR 6"	7.5	1177	-	719	-	1896	143	145	145	22	-	50	
HSP9-16	MOTOR 6"	7.5	1237	-	719	-	1956	143	145	145	23	-	50	
HSP9-17	MOTOR 6"	7.5	1298	-	719	-	2017	143	145	145	25	-	50	
HSP9-18	MOTOR 6"	7.5	1358	-	719	-	2077	143	145	145	26	-	50	
HSP9-19	MOTOR 6"	9.3	1419	-	749	-	2168	143	145	145	27	-	53	
HSP9-20	MOTOR 6"	9.3	1479	-	749	-	2228	143	145	145	28	-	53	
HSP9-21	MOTOR 6"	9.3	1540	-	749	-	2289	143	145	145	29	-	53	
HSP9-22	MOTOR 6"	9.3	1600	-	749	-	2349	143	145	145	31	-	53	
HSP9-23	MOTOR 6"	11	1661	-	779	-	2440	143	145	145	32	-	56	
HSP9-24	MOTOR 6"	11	1721	-	779	-	2500	143	145	145	33	-	56	
HSP9-25	MOTOR 6"	11	1782	-	779	-	2561	143	145	145	34	-	56	
HSP9-26	MOTOR 6"	11	1842	-	779	-	2621	143	145	145	36	-	56	
HSP9-27	MOTOR 6"	13	1903	-	829	-	2732	143	145	145	37	-	61	
HSP9-28	MOTOR 6"	13	1963	-	829	-	2792	143	145	145	38	-	61	
HSP9-29	MOTOR 6"	13	2024	-	829	-	2853	143	145	145	39	-	61	
HSP9-30	MOTOR 6"	13	2084	-	829	-	2913	143	145	145	41	-	61	
HSP9-31	MOTOR 6"	13	2145	-	829	-	2974	143	145	145	42	-	61	
HSP9-32	MOTOR 6"	15	2205	-	874	-	3079	143	145	145	43	-	66	
HSP9-33	MOTOR 6"	15	2266	-	874	-	3140	143	145	145	44	-	66	
HSP9-34	MOTOR 6"	15	2326	-	874	-	3200	143	145	145	45	-	66	
HSP9-35	MOTOR 6"	15	2387	-	874	-	3261	143	145	145	47	-	66	
HSP9-36	MOTOR 6"	15	2447	-	874	-	3321	143	145	145	48	-	66	
HSP9-37	MOTOR 6"	18.5	2508	-	919	-	3427	143	145	145	49	-	70	
HSP9-38	MOTOR 6"	18.5	2568	-	919	-	3487	143	145	145	50	-	70	
HSP9-39	MOTOR 6"	18.5	2629	-	919	-	3548	143	145	145	52	-	70	
HSP9-40	MOTOR 6"	18.5	2689	-	919	-	3608	143	145	145	53	-	70	
HSP9-41	MOTOR 6"	18.5	2750	-	919	-	3669	143	145	145	54	-	70	
HSP9-42	MOTOR 6"	18.5	2810	-	919	-	3729	143	145	145	55	-	70	
HSP9-43	MOTOR 6"	18.5	2871	-	919	-	3790	143	145	145	57	-	70	
HSP9-44	MOTOR 6"	18.5	2931	-	919	-	3850	143	145	145	58	-	70	

* Motor type may change as per requirement .

TECHNICAL DATA

SUBMERSIBLE PUMP HSP 9

PERFORMANCE TABLE HSP 9

HSP-9			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]													
HSP9-1	Rp 2	0.55	0.75	10	10	10	10	9	8	8	7	6	5			
HSP9-2		1.1	1.5	21	21	20	20	18	17	15	14	12	9			
HSP9-3		1.5	2	31	31	31	29	27	25	23	20	17	13			
HSP9-4		2.2	3	42	42	41	39	37	33	30	27	23	18			
HSP9-5		2.2	3	52	52	51	49	46	42	38	34	29	22			
HSP9-6		3	4	63	63	62	59	55	50	45	40	34	27			
HSP9-7		3	4	73	73	72	69	64	59	53	47	40	31			
HSP9-8		3.7	5	83	83	82	79	73	67	61	54	46	36			
HSP9-9		4	5.5	94	94	92	88	82	75	68	60	51	40			
HSP9-10		5.5	7.5	105	104	102	98	91	84	76	67	57	45			
HSP9-11		5.5	7.5	115	114	113	108	100	92	83	74	63	49			
HSP9-12		5.5	7.5	125	124	123	118	109	100	91	81	69	53			
HSP9-13		5.5	7.5	135	135	133	127	119	109	98	87	74	58			
HSP9-14		7.5	10	147	146	143	137	128	117	106	94	79	63			
HSP9-15		7.5	10	157	156	153	147	137	125	114	101	85	67			
HSP9-16		7.5	10	168	167	163	157	146	134	121	108	91	71			
HSP9-17		7.5	10	177	177	173	167	155	142	129	114	97	76			
HSP9-18		7.5	10	189	187	183	176	164	150	136	121	103	80			
HSP9-19		9.3	12.5	199	197	194	187	173	159	144	127	108	85			
HSP9-20		9.3	12.5	209	208	204	196	183	167	151	134	114	90			
HSP9-21		9.3	12.5	219	218	214	206	191	176	159	142	119	94			
HSP9-22		9.3	12.5	231	228	224	216	201	184	167	148	125	98			
HSP9-23		11	15	241	239	235	225	210	192	174	160	139	104			
HSP9-24		11	15	251	250	245	235	219	200	182	166	145	108			
HSP9-25		11	15	262	260	255	245	228	209	189	174	150	112			
HSP9-26		11	15	272	270	265	254	237	217	197	180	155	116			
HSP9-27		13	17.5	282	280	275	264	246	226	204	186	162	122			
HSP9-28		13	17.5	293	290	285	274	256	234	212	194	168	126			
HSP9-29		13	17.5	304	300	295	283	264	242	220	200	174	132			
HSP9-30		13	17.5	314	312	306	293	273	251	227	206	180	135			
HSP9-31	13	17.5	325	323	316	303	282	259	235	214	186	138				
HSP9-32	15	20	335	333	327	313	292	268	242	221	192	144				
HSP9-33	15	20	346	344	337	322	301	276	250	227	198	148				
HSP9-34	15	20	357	355	348	332	310	284	257	234	204	154				
HSP9-35	15	20	368	365	358	342	320	291	265	242	210	158				
HSP9-36	15	20	378	376	368	352	330	301	273	249	216	162				
HSP9-37	18.5	25	388	386	378	362	339	309	280	255	222	166				
HSP9-38	18.5	25	398	398	389	372	348	318	288	262	228	172				
HSP9-39	18.5	25	408	408	399	382	358	326	295	269	234	176				
HSP9-40	18.5	25	419	418	409	392	366	334	303	276	240	181				
HSP9-41	18.5	25	429	428	419	401	375	341	311	284	248	185				
HSP9-42	18.5	25	440	438	429	412	383	351	319	289	252	189				
HSP9-43	18.5	25	450	448	439	421	392	359	326	296	260	192				
HSP9-44	18.5	25	460	458	449	431	401	368	333	304	265	198				