

KIRLOSKAR KS 6/7/8/9 SUBMERSIBLE PUMPS

Performance chart of KS6D Series, 6" submersible (mixed flow) pump at 50 Hz frequency & rated voltage, del. size 65 mm, and KS6D-0404 Series, with del. size 50 mm, max pumpset OD 142 mm

Pump Model	Power Rating (kW/HP)	Method of Starting	Max Pumpset Length	Discharge in LPM						
				120	240	360	420	480	600	690
Total head in meters										
KS6D-0302	2.2/3.0	DOL	1049	23	22	19	18	16	10	5
KS6D-0503	3.7/5.0	DOL	1204	35	32	29	27	24	16	7
KS6D-0504	3.7/5.0	DOL	1299	46	43	39	36	32	21	10
KS6D-0505	3.7/5.0	DOL	1394	56	54	49	45	40	26	12
KS6D-0604	4.5/6.0	DOL	1329	46	43	39	36	32	21	10
KS6D-0605	4.5/6.0	DOL	1424	56	54	49	45	40	26	12
KS6D-0606	4.5/6.0	DOL	1519	70	65	58	53	48	31	14
KS6D-0805	5.5/7.5	STAR-DELTA	1474	58	54	49	45	40	26	12
KS6D-0806	5.5/7.5	STAR-DELTA	1569	70	65	58	53	48	31	14
KS6D-1006	7.5/10.0	STAR-DELTA	1649	70	65	58	53	48	31	14
KS6D-1007	7.5/10.0	STAR-DELTA	1744	81	76	68	62	56	36	17
KS6D-1008	7.5/10.0	STAR-DELTA	1839	93	86	78	71	64	42	19
KS6D-1308	9.3/12.5	STAR-DELTA	1864	93	86	78	71	64	42	19
KS6D-1309	9.3/12.5	STAR-DELTA	2069	104	97	87	80	72	47	22
KS6D-1310	9.3/12.5	STAR-DELTA	2154	116	108	97	89	80	52	24
KS6D-1510	11.0/15.0	STAR-DELTA	2244	116	108	97	89	80	52	24
KS6D-1511	11.0/15.0	STAR-DELTA	2339	128	119	107	98	88	57	26
KS6D-1512	11.0/15.0	STAR-DELTA	2434	139	130	116	107	96	62	29
KS6D-1814	13.0/17.5	STAR-DELTA	2709	162	151	136	125	112	73	34
KS6D-2016	15.0/20.0	STAR-DELTA	2944	186	173	155	142	128	83	38
Discharge in LPM										
Total head in meters										
KS6D-0303N	2.2/3.0	DOL	1144	31	29	24	18	9	5	
KS6D-0404N	3.0/4.0	DOL	1269	42	39	33	24	13	10	
KS6D-0608N	4.5/6.0	DOL	1519	59	54	46	33	16	8	

Performance chart of KS6D Series, 6" submersible (mixed flow) pump at 50 Hz frequency & rated voltage, del. size 65 mm for all models, except KS6D-0302 LV which is 50 mm

Pump Model	Power Rating (kW/HP)	Method of Starting	Max Pumpset Length	Discharge in LPM						
				120	240	360	420	480	600	690
Total head in meters										
KS6D-0302 LV	2.2/3.0	DOL	1069	23	22	19	18	16	10	5
KS6D-0604 LV	3.7/5.0	DOL	1264	35	32	29	27	24	16	7
KS6D-0505 LV	3.7/5.0	DOL	1359	46	43	39	36	32	21	10
KS6D-0806 LV	5.5/7.5	DOL	1270	65	58	53	48	31	14	

Performance chart of KS6D-J Series, 6" submersible (mixed flow) pump at 50 Hz frequency & rated voltage, del. size 65 mm for all models, except KS6D-030J which is 50 mm

Pump Model	Power Rating (kW/HP)	Method of Starting	Max Pumpset Length	Discharge in LPM						
				120	240	360	420	480	600	690
Total head in meters										
KS6D-0302 J	2.2/3.0	DOL	1069	23	22	19	18	16	10	5
KS6D-0504 J	3.7/5.0	DOL	1264	35	32	29	27	24	16	7
KS6D-0505 J	3.7/5.0	DOL	1359	46	43	39	36	32	21	10
KS6D-0604 J	4.5/6.0	DOL	1329	46	43	39	36	32	21	10
KS6D-0605 J	4.5/6.0	DOL	1424	56	54	49	45	40	26	12
KS6D-0606 J	4.5/6.0	DOL	1519	70	65	58	53	48	31	14
KS6D-0806 J	5.5/7.5	STAR-DELTA	1569	70	65	58	53	48	31	14

Performance chart of KS6EA Series, 6" submersible (mixed flow) pump at 50 Hz frequency & rated voltage, del. size 80 mm

Pump Model	Power Rating (kW/HP)	Method of Starting	Max Pumpset Length	Discharge in LPM						
				120	240	360	480	600	720	840
Total head in meters										
KS6EA-0808R	5.5/7.5	STAR DELTA	72.8	67.2	62.4	56.0	48.0	42.0	35.0	27.0
KS6EA-1010R	7.5/10.0	STAR DELTA	81	78	70	60	52	44	34	
KS6EA-1312R	12.5/12.0	STAR DELTA	109.2	100.8	93.6	84.0	72.0	62.0	53.0	41.0
KS6EA-1515R	15.0/15.0	STAR DELTA	136.5	126.0	117.0	105.0	90.0	78.0	66.0	51.0
KS6EA-1817R	17.5/17.0	STAR-DELTA	154.7	142.8	132.6	119.0	102.0	88.0	75.0	58.0
KS6EA-2020R	20.0/20.0	STAR-DELTA	182	168	156	140	120	104	88	68

Performance chart of KS6F Series, 6" submersible (mixed flow) pump at 50 Hz frequency & rated voltage, del. size 80 mm, max pumpset OD 142 mm

Pump Model	Power Rating (kW/HP)	Method of Starting	Max Pumpset Length	Discharge in LPM								
				240	360	480	600	720	840	960	1080	1200
Head in meters												
KS6F-0302R	2.2/3.0	DOL	1069	20	19	17	15	13	11	8	6	3
KS6F-0503R	3.7/5.0	DOL	1234	30	28	26	23	20	16	12	8	5
KS6F-0604R	4.5/6.0	DOL	1369	40	37	34	30	26	21	16	11	6
KS6F-0804R	5.5/7.5	STAR-DELTA	1419	40	37	34	30	26	21	16	11	6
KS6F-0805R	5.5/7.5	STAR-DELTA	1524	50	46	43	38	33	26	20	14	8
KS6F-1006R	7.5/10.0	STAR-DELTA	1709	60	56	51	45	39	32	24	17	9
KS6F-1306R	9.3/12.5	STAR-DELTA	1834	60	56	51	45	39	32	24	17	9
KS6F-1307R	9.3/12.5	STAR-DELTA	1939	70	65	60	53	46	37	28	19	11
KS6F-1308R	9.3/12.5	STAR-DELTA	2044	80	74	68	60	52	42	32	22	12
KS6F-1509R	11.0/15.0	STAR-DELTA	2239	90	83	77	68	59	47	36	25	14
KS6F-1810R	13.0/17.5	STAR-DELTA	2429	100	93	85	75	65	53	40	28	15
KS6F-1811R	13.0/17.5	STAR-DELTA	2534	110	102	94	83	72	58	44	30	17
KS6F-2011R	15.0/20.0	STAR-DELTA	2579	110	102	94	83	72	58	44	30	17
KS6F-2012R	15.0/20.0	STAR-DELTA	2684	120	111	102	90	78	63	48	33	18
KS6F-2013R	15.0/20.0	STAR-DELTA	2789	130	120	111	98	85	68	52	36	20
Discharge in LPM												
Total head in meters												
KS6F-0604N	4.5/6.0	DOL	1369	43	40	38	35	32	29	25	22	18
Discharge in LPM												
Total head in meters												
KS6F-0604R LV	4.5/6.0	DOL	1265	40	37	34	30	26	21	16	11	6

Performance chart of KS6G Series, 6" submersible (mixed flow) pump, at 50 Hz frequency & rated voltage, del. size 100 mm, max pumpset OD 142 mm

Pump Model	Power Rating (kW/HP)	Method of Starting	Max Pumpset Length	Discharge in LPM						
				240	480	720	840	960	1200	
Total head in meters										
KS6G-0502R	3.7/5.0	DOL	1129	24	20	16	15	12	7	
KS6G-0603R	4.5/6.0	DOL	1264	35	30	24	22	18	10	
KS6G-0804R	5.5/7.5	STAR-DELTA	1419	47	41	33	29	24	13	
KS6G-1004R	7.5/10.0	STAR-DELTA	1499	47	41	33	29	24	13	
KS6G-1005R	7.5/10.0	STAR-DELTA	1604	59	51	41	36	30	16	
KS6G-1305R	9.3/12.5	STAR-DELTA	1729	59	51	41	36	30	16	
KS6G-1306R	9.3/12.5	STAR-DELTA	1834	71	61	49	44	36	20	
KS6G-1506R	11.0/15.0	STAR-DELTA	1924	71	61	49	44	36	20	
KS6G-1507R	11.0/15.0	STAR-DELTA	2029	82	71	57	51	42	23	
KS6G-1508R	11.0/15.0	STAR-DELTA	2134	94	81	65	58	48	26	
KS6G-1807R	13.0/17.5	STAR-DELTA	2114	82	71	57	51	42	23	
KS6G-1808R	13.0/17.5	STAR-DELTA	2219	94	81	65	58	48	26	
KS6G-2009R	15.0/20.0	STAR-DELTA	2369	106	91	73	65	54	29	

Performance chart of KS6J Series, 6" submersible (mixed flow) pump at 50 Hz frequency & rated voltage, del. size 100 mm

Pump Model	Power Rating (kW/HP)	Method of Starting	Max Pumpset Length	Discharge in LPM					
				240	480	720	960	1200	1440
Total head in meters									
KS6J-0803	5.5/7.5	STAR-DELTA	34	31	28	23	16	11	
KS6J-1004	7.5/10.0	STAR-DELTA	45	41	37	31	24	15	
KS6J-1305	9.3/12.5	STAR-DELTA	56	52	47	38	30	18	
KS6J-1506	11.0/15.0	STAR-DELTA	67	62	56	46	36	22	
KS6J-1807	13.0/17.5	STAR-DELTA	78	72	65	54	42	26	
KS6J-2008	15.0/20.0	STAR-DELTA	89	83	75	61	48	29	
KS6J-2510	18.3/25.0	STAR-DELTA	112	103	93	77	60	37	

