

PERFORMANCE CHART

2850 RPM - At Rated Voltage – Three Phase 380-415V, 50Hz, A.C. Supply.

125MM/100MM SS BOREWELL SUBMERSIBLE PUMPSETS - NILE+ SERIES

RADIAL FLOW

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	0.58	0.97	1.37	1.80	1.98	2.20	2.59
						0	0.16	0.27	0.38	0.50	0.55	0.61	0.72
WCLAS-2/3/40	2.2	3	40	32	Head in Metres	249	232	218	195	165	144	127	92

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	1.5	2	2.5	3	3.5	4	4.5
						0	0.41	0.55	0.69	0.83	0.97	1.11	1.25
WCLAS-3/3/33	2.2	3	33	32	Head in Metres	209	190	180	166	149	123	90	57
WCLAS-3/5/52	3.7	5	52	32	Head in Metres	320	295	280	263	240	207	160	97
WCLAS-3/5/60	3.7	5	60	32	Head in Metres	377	337	320	300	270	230	180	110
WCLAS-3/12.5/120	9.3	12.5	120	32	Head in Metres	780	705	670	630	580	500	410	275

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	2	3	4	5	6	7
						0	0.55	0.83	1.11	1.39	1.66	1.94
WCLAS-5/5/44	3.7	5	44	40	Head in Metres	280	244	223	199	170	134	92
WCLAS-5/7.5/60	5.5	7.5	60	40	Head in Metres	360	322	300	262	236	190	130
WCLAS-5/10/75	5.5	10	75	40	Head in Metres	487	427	392	352	302	237	168
WCLAS-5/12.5/95	9.3	12.5	95	40	Head in Metres	620	545	510	470	410	340	240

MATERIAL OF CONSTRUCTION - MOTOR

Part Name	Material
Upper & Lower Housing	Cast Iron
Upper & Lower Housing Shell	SS 304
Stator Shell	SS 304
Rotor Shaft	SS 410
Journal Bushes	LTB - 4
Thrust Assembly	SS 420 and Graphite Carbon
Diaphragm	High Nitrile Butyl Rubber

MATERIAL OF CONSTRUCTION - PUMP

Part Name	Material
Check Valve & Suction Housing	SS 304
Pump Shaft	SS 304
Impeller	SS 304
Stage Casing	SS 304
Bracket	SS 304
Inlet Screen	SS 304