

## PERFORMANCE CHART

### NON-CLOG SEWAGE SUBMERSIBLE PUMP JDS SERIES (960rpm/1440rpm)

Three Phase 380 Volts, 50Hz. A.C. Supply



SPECIFICATION	JDS-30	JDS-50	JDS-75	JDS-100	JDS-125	JDS-150	JDS-200	JDS-250	JDS-300	JDS-350	JDS-400	JDS-500
HP/KW	3/2.2	5/3.7	7.5/5.5	10.0/7.5	12.5/9.3	15.0/11.0	20.0/15.0	25.0/18.65	30.0/22.0	30.0/26.11	40.0/30.0	50.0/37.0
Max, Flow Range in M/Hr	90	130	150	200	240	315	430	430	450	470	550	610
Max, Shut off Head - Mtr.	15	18	21	23	23	25	29	30	32.5	34	37	40
Discharge Size in mm	75/100	75/100	100	100	100	100/125	125/150	125/150	150	150	150/200	150/200
Solid Handling Size max.	75 mm	80 mm	100 mm	100 mm	100 mm	100 mm	100 mm	100 mm	100 mm	100 mm	100 mm	100 mm
Type of Impeller	Non - Clog	Non - Clog	Non - Clog	Non - Clog	Non - Clog	Non - Clog	Non - Clog	Non - Clog	Non - Clog	Non - Clog	Non - Clog	Non - Clog
Max. Temp. of Pumped Fluid	50°C	50°C	50°C	50°C	50°C	50°C	50°C	50°C	50°C	50°C	50°C	50°C
Max. Start/Stop per Hour	15	15	15	15	15	15	15	15	15	15	15	15
Max. Submergence	10 m	10 m	10 m	10 m	10 m	10 m	10 m	10 m	10 m	10 m	10 m	10 m
Pump Weight Approx Kg	85	110	140	170	185	195	310	340	360	380	450	550
Motor/Squirrel cage Motor												
Type of Motor - Dry type	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade	"F Class Higher Grade
Type of Rotor	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast	Aluminium Die cast
Bearing	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular
Duty	S-1	S-1	S-1	S-1	S-1	S-1	S-1	S-1	S-1	S-1	S-1	S-1
Power Supply - 415V ± 6%	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz	3 Ph - 50 Hz
Thermal Protection*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Moisture Protection*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cable Length	10 mt	10 mt	10 mt	10 mt	10 mt	10 mt	10 mt	10 mt	10 mt	10 mt	10 mt	10 mt
Tandem Shaft Seal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes