

PERFORMANCE CHART

DEWATERING SUBMERSIBLE PUMP JD SERIES (1440rpm/2900rpm)

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



SPECIFICATIONS	JD-30	JD-50	JD-75	JD-100	JD-150	JD-200	JD-250	JD-300	JD-400	JD-500
HP/KW	3.0/2.2	5.0/3.7	7.5/5.5	10.0/7.5	15.0/11.0	20.0/15.0	25.0/18.65	30.0/22.0	40.0/30.0	50.0/37.0
Max. Flow Range M ³ /Hr	70	110	130	170	225	260	320	350	380	410
Max. Shut off Head Mtr.	21	27	30	35	40	42	43	45	47	70
Discharge Size in mm	50/65/75	65/75/100	65/75/100	75/100	100/150	100/150	100/150	150/200	150/200	150/200
Solid Handling Size Max.	8-10 mm	10 mm	10 mm	10 mm	10-15 mm	10-15 mm	10-20 mm	10-20 mm	10-25 mm	10-25 mm
Type of Impeller	Free Flow	Free Flow	Free Flow	Free Flow	Free Flow	Free Flow	Free Flow	Free Flow	Free Flow	Free Flow
Max. Temp. of Fluid	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C	40°C
Max. Start/Stop per Hour	15	15	15	15	15	15	15	15	15	15
Max.Submergence	10 mtr.	10 mtr.	10 mtr.	10 mtr.	10 mtr.	10 mtr.	10 mtr.	10 mtr.	10 mtr.	10 mtr.
Type of Motor-Dry type	"F Class & PVC WOUND	"F Class & PVC WOUND	"F Class & PVC WOUND	"F Class & PVC WOUND	"F Class & PVC WOUND	"F Class & PVC WOUND	"F Class & PVC WOUND	"F Class & PVC WOUND	"F Class & PVC WOUND	"F Class & PVC WOUND
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
RPM	2900/1440	2900/1440	2900/1440	2900/1440	2900/1440	2900/1440	2900	2900	2900	2900
Bearing	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
Power Supply - 415V ± 6%	3 Ph. 50Hz	3 Ph. 50Hz	3 Ph. 50Hz	3 Ph. 50Hz	3 Ph. 50Hz	3 Ph. 50Hz	3 Ph. 50Hz	3 Ph. 50Hz	3 Ph. 50Hz	3 Ph. 50Hz
Thermal Protection	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Cable Length	10 Mtr	10 Mtr	10 Mtr	10 Mtr	10 Mtr	10 Mtr	10 Mtr	10 Mtr	10 Mtr	10 Mtr
Tandem Shaft Seal	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES