



Quality, Reliability, Life

Submersible Dewatering Pump

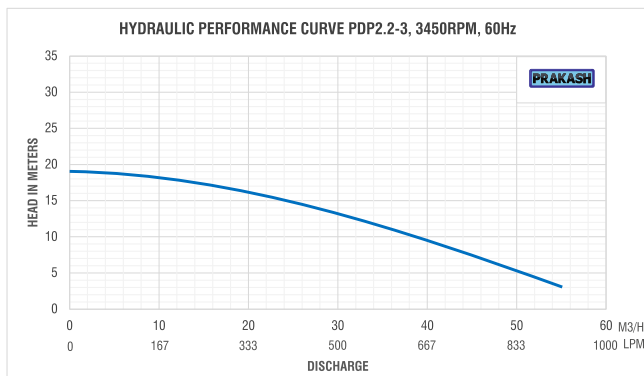


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Submersible Dewatering Pump

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Model : PDP2.2-3



Application

- Civil engineering
- Mines, quarries, coal ore and slurries
- Sewage treatment
- General pumping purposes

Material of Construction (MOC)

- Pump body : Cast iron
- Diffuser : Stainless steel 304
- Impeller : Stainless steel 304
- Shaft : Stainless steel 420
- Mechanical seal : Sic-Sic/Carbon-Sic

Application Limits

- Liquid temperature : up to 45 °C
- Ambient temperature : up to 45 °C
- Maximum immersion depth : up to 20 m
- Liquid PH : 6.5 - 8.5

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : F
- Voltage : 380-420v, 60Hz
- Cable length : 8m

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Impeller Passage (mm)
	Kw	HP							
PDP2.2-3	2.2	3.0	380-420	3 ϕ	3450	3"	55	19	8.5

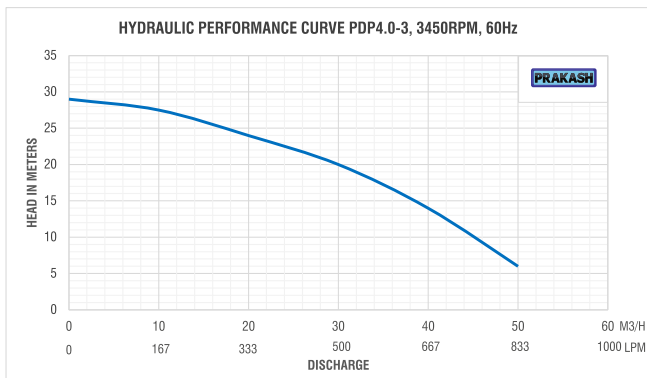
Performance Chart

Model	Power		Q	US GPM	0	44	88	132	176	200	242
	Kw	HP		M3/H	0	10	20	30	40	50	55
				LPM	0	167	333	500	667	834	917
PDP2.2-3	2.2	3.0	HEAD (m)	19	18	16	13	9	5	3	

Submersible Dewatering Pump

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Model : PDP4.0-3



Application

- Civil engineering
- Mines, quarries, coal ore and slurries
- Sewage treatment
- General pumping purposes

Material of Construction (MOC)

- Pump body : Cast iron
- Diffuser : Stainless steel 304
- Impeller : Stainless steel 304
- Shaft : Stainless steel 420
- Mechanical seal : Sic-Sic/Sic-Sic

Application Limits

- Liquid temperature : up to 45 °C
- Ambient temperature : up to 45 °C
- Maximum immersion depth : up to 20 m
- Liquid PH : 6.5 - 8.5

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : F
- Voltage : 380-420v, 60Hz
- Cable length : 8m

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Impeller Passage (mm)
	Kw	HP							
PDP4.0-3	4.0	5.5	380-420	3 ϕ	3450	3"	55	29	8.5

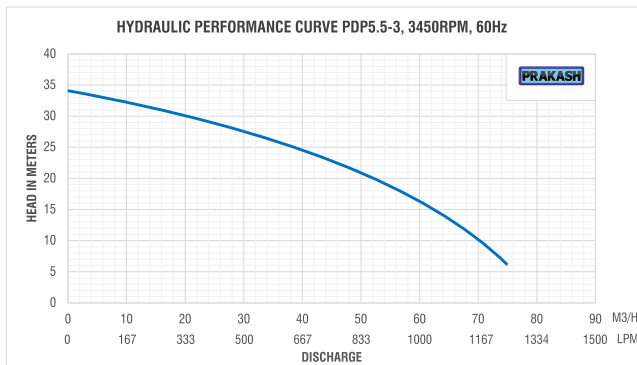
Performance Chart

Model	Power		Q	US GPM	0	44	88	132	176	220	242
	Kw	HP		M3/H	0	10	20	30	40	50	55
				LPM	0	167	333	500	667	834	917
PDP4.0-3	4.0	5.5	HEAD (m)	29	27.5	24	20	14	6	4	

Submersible Dewatering Pump

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Model : PDP5.5-3



Application

- Civil engineering
- Mines, quarries, coal ore and slurries
- Sewage treatment
- General pumping purposes

Material of Construction (MOC)

- Pump body : Cast iron
- Diffuser : Stainless steel 304
- Impeller : Stainless steel 304
- Shaft : Stainless steel 420
- Mechanical seal : Sic-Sic/Sic-Sic

Application Limits

- Liquid temperature : up to 45 °C
- Ambient temperature : up to 45 °C
- Maximum immersion depth : up to 20 m
- Liquid PH : 6.5 - 8.5

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : F
- Voltage : 380-420v, 60Hz
- Cable length : 8m

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Impeller Passage (mm)
	Kw	HP							
PDP5.5-3	5.5	7.5	380-420	3 ϕ	3450	3"	75	34	8.5

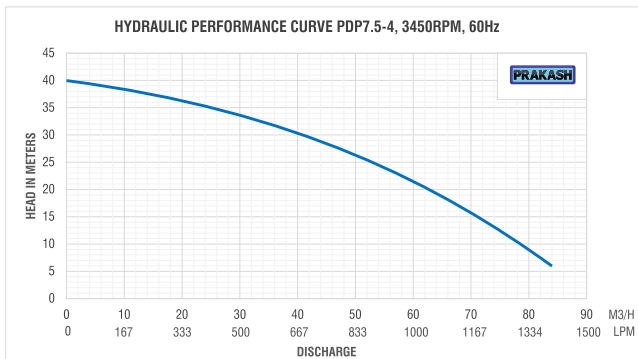
Performance Chart

Model	Power		Q	US GPM	0	44	88	132	176	264	308	330
	Kw	HP		M3/H	0	10	20	30	40	60	70	75
				LPM	0	167	333	500	667	1000	1167	1250
PDP5.5-3	2.5	7.5	HEAD (m)	34	32	30	27.5	24.5	17	12	6	

Submersible Dewatering Pump

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Model : PDP7.5-4



Application

- Civil engineering
- Mines, quarries, coal ore and slurries
- Sewage treatment
- General pumping purposes

Material of Construction (MOC)

- Pump body : Cast iron
- Diffuser : Stainless steel 304
- Impeller : Stainless steel 304
- Shaft : Stainless steel 420
- Mechanical seal : Sic-Sic/Sic-Sic

Application Limits

- Liquid temperature : up to 45 °C
- Ambient temperature : up to 45 °C
- Maximum immersion depth : up to 20 m
- Liquid PH : 6.5 - 8.5

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : F
- Voltage : 380-420v, 60Hz
- Cable length : 8m

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Impeller Passage (mm)
	Kw	HP							
PDP7.5-4	7.5	10	380-420	3 ϕ	3450	4"	84	40	11.5

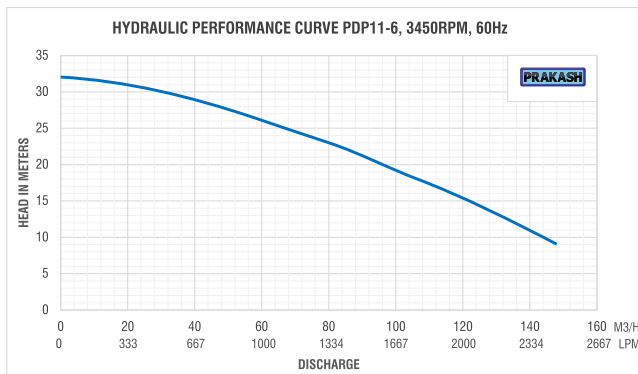
Performance Chart

Model	Power		Q	US GPM	0	44	88	132	176	264	308	370
	Kw	HP		M3/H	0	10	20	30	40	60	70	84
				LPM	0	167	333	500	667	1000	1167	1400
PDP7.5-4	7.5	10	HEAD (m)	40	38	36	33	30	22	16	6	

Submersible Dewatering Pump

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Model : PDP11-6



Application

- Civil engineering
- Mines, quarries, coal ore and slurries
- Sewage treatment
- General pumping purposes

Material of Construction (MOC)

- Pump body : Cast iron
- Diffuser : Stainless steel 304
- Impeller : Stainless steel 304
- Shaft : Stainless steel 420
- Mechanical seal : Sic-Sic/Sic-Sic

Application Limits

- Liquid temperature : up to 45 °C
- Ambient temperature : up to 45 °C
- Maximum immersion depth : up to 50 m
- Liquid PH : 6.5 - 8.5

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : F
- Voltage : 380-420v, 60Hz
- Cable length : 8m

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Impeller Passage (mm)
	Kw	HP							
PDP11-6	11	15	380-420	3 ϕ	3450	6"	147	32	19.5

Performance Chart

Model	Power		Q	US GPM	0	44	132	264	352	440	550	647
	Kw	HP		M3/H	0	10	30	60	80	100	125	147
				LPM	0	167	500	1000	1334	1667	2084	2450
PDP11-6	11	15	HEAD (m)	32	31.5	30	26.5	23	18.5	13	9	

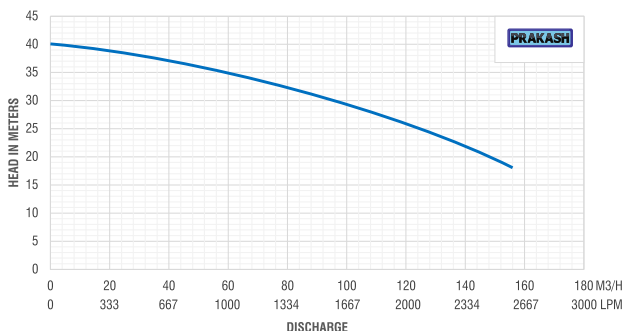
Submersible Dewatering Pump

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Model : PDP15-6



HYDRAULIC PERFORMANCE CURVE PDP15-6, 3450RPM, 60Hz



Application

- Civil engineering
- Mines, quarries, coal ore and slurries
- Sewage treatment
- General pumping purposes

Material of Construction (MOC)

- Pump body : Cast iron
- Diffuser : Stainless steel 304
- Impeller : Stainless steel 304
- Shaft : Stainless steel 420
- Mechanical seal : Sic-Sic/Sic-Sic

Application Limits

- Liquid temperature : up to 45 °C
- Ambient temperature : up to 45 °C
- Maximum immersion depth : up to 50 m
- Liquid PH : 6.5 - 8.5

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IP68
- Insulation class : F
- Voltage : 380-420v, 60Hz
- Cable length : 8m

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)	Impeller Passage (mm)
	Kw	HP							
PDP15-6	15	20	380-420	3 ϕ	3450	6"	156	40	19.5

Performance Chart

Model	Power		Q	US GPM	0	44	88	132	264	440	550	687
	Kw	HP		M3/H	0	10	30	60	80	100	125	156
				LPM	0	167	500	1000	1334	1667	2084	2600
PDP15-6	15	20	HEAD (m)	40	39.5	38	35	33	30	25	18	

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