



C.R.I. PUMPS

Pumping trust. Worldwide.



TECHNICAL SPECIFICATIONS

MODEL NAME	DINO SM	DINO SP	DINO SO	DINO JS
Power range	0.37 kW - 0.75 kW (0.5HP - 1 HP)			
Version	Single Phase, 220-240V ,50 Hz, AC Supply			
Speed in RPM	2880	1440 & 2880	2880	2880
Maximum Total Head	30 Mtr	50 Mtr	33 Mtr	43 Mtr
Maximum Flow Rate	3340 LPH	3840 LPH	10080 LPH	3000 LPH
Degree of Protection	IP44	IP44	IP58	IP54
Class of Insulation	B	B	H	B
Type of Duty	S1 Continuous			
Maximum Suction Lift	Upto 8 Mtr	8 Mtr (Slow Speed) / 6 Mtr (High Speed)	-	Upto 9 Mtr
Nominal Pumpset Size	25 x 25 mm			

SALIENT FEATURES

DINO SM	- Sturdy and compact - In-built Thermal Overload Protector - Double shielded ball bearing. So no need of external lubrication	DINO SO	- Enhanced motor design ensures higher cooling effect - High operating efficiency resulting in low power consumption - Anti corrosive stainless steel motor body
DINO SP	- Good suction lifting characteristics - Silent operation - Accurate functions of centrifugal governor & switch ensures longer life of the motor.	DINO JS	30ft suction lifting capacity - Specially designed for shallow well application - Compact design occupies less space

APPLICATIONS

• Domestic • Small garden • Car Washing • Pressure boosting • Civil applications • Small Farms



REGENERATIVE MONOBLOCK PUMPSET

2880 RPM, Single Phase - 240 Voltage , 50 Hz, A.C. Supply

Model	kW	HP	Type	Suction x Delivery in mm	Suction Capacity in mtrs	Total Head in metre / feet								
						6	8	10	12	15	18	21	25	30
						20	26	33	39	49	59	69	82	98
						Discharge in LPH								
DINO SM50	0.37	0.5	SELF PRIMING	25 x 25	8	2016	1872	1750	1512	1332	1000	800	360	
DINO SM51	0.37	0.5	SELF PRIMING	25 x 25	8	2088	2000	1800	1600	1400	1220	1000	760	
DINO SM53	0.37	0.5	SELF PRIMING	25 x 25	8	2100	1928	1802	1557	1372	1030	824	600	
DINO SM100	0.75	1	SELF PRIMING	25 x 25	8	3000	2800	2600	2450	2320	2100	1880	1720	1320
DINO SM101	0.75	1	SELF PRIMING	25 x 25	8	3050	2850	2650	2500	2350	2120	1900	1800	1400
DINO SM102	0.75	1	SELF PRIMING	25 x 25	8	3340	3186	3060	2916	2700	2412	2160	1872	1404

REGENERATIVE SELFPRIMING MONOBLOCK PUMPSETS

1440 / 2880 RPM At Rated Voltage - Single Phase - 220 - 240 Volts, 50Hz, A.C. Supply

Model	kW	HP	Suction x Delivery in mm	Suction Capacity in mtrs	Speed	m ³ /hr	0	0.61	0.8	1.01	1.4	1.8	2.2	2.6	3	3.38	3.82
DINO SP50	0.37	0.5	25 x 25	6	2880	Head in Metres	50	41	38	34	27	19	13	10			
DINO SP55	0.37	0.5	25 x 25	8	1440		29	26	25	24	23	18	15	10	8		
DINO SP105	0.75	1	25 x 25	8	1440		50			42	38	36	33	28	20	14	13

HORIZONTAL OPENWELL SUBMERSIBLE PUMPSETS

2880 RPM, At Rated Voltage - Single Phase 220-240 Volts, 50Hz A.C. Supply

Model	kW	HP	Suction x Delivery in mm	m ³ /hr	0	1	1.8	2.7	3.6	4.5	4.68	5.4	5.55	6.48	7.2	7.4	7.56	7.74	8.64	9.36	10.1
DINO SO50	0.37	0.5	25 x 25	Head in Metres	17		16.5	16	15	14.5	14	13.5	13	12	11	10	9	8.5	8		
DINO SO100	0.75	1	25 x 25		33	32	30		28	24	23	22	21.5	21	20	19	18.5	18	17	15	13
DINO SO101	0.75	1	25 x 25		32		28		26	24	23	22	22	21	20	19	19	18	17	15	13

CENTRIFUGAL JET SELFPRIMING PUMPSETS

2880 RPM At Rated Voltage - Single Phase - 220 - 240volts , 50Hz, A.C. Supply

Model	kW	HP	Suction x Delivery in mm	m ³ /hr	0	0.6	0.8	1	1.4	1.8	2.2	2.6	3
DINO JS50	0.37	0.5	25 x 25	Head in Metres	39	35.4	33.8	32.5	29.7	26.8	24.1	20.3	
DINO JS100	0.75	1	25 x 25		42.7	38.3	37	35.9	33.1	30	27.2	22.7	16
DINO JS101	0.75	1	25 x 25		39	35	34	33	30	27	24	20	