

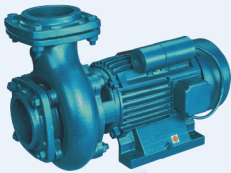


SUPERTECH

DELIVERING HOPE...



SELF PRIMING
PUMPS



CENTRIFUGAL
MONOBLOCK PUMPS



BOREWELL
SUBMERSIBLE PUMPS



MINI BOOSTER
PUMPS



OPENWELL SUBMERSIBLE
PUMPS



V TYPE
SELF PRIMING PUMPS



HORIZONTAL / VERTICAL
OPENWELL PUMPS



PRESSURE BOOSTER
PUMPS

SUPERTECH PUMPS AND MOTORS

Coimbatore - 641 407, Tamil Nadu, India.

SELF PRIMING REGENERATIVE PUMP SERIES

SALIENT FEATURES

- Built-in imported Thermal Overload Protector (TOP)
- Durable Best-in-Class Impeller
- Double Shield Ball Bearing for longer life
- Engineered for specific applications – Value for Money
- Class F enamel-coated copper wire for increased coil life
- Robust construction for heavy-duty applications
- Wide voltage operation (160–260 V)
- Liquid-temperature-resistant special mechanical seal
- High-grade CRC & stampings for better efficiency
- Anti-rusting zinc-coated fasteners



Mini Self Priming Pump Series | 2880 RPM, Single Phase-240V, 50Hz, AC Supply

Model	ISI	kW	HP	Head In Meters / Feet																							Shut-Off
				M	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	Head in	
				Ft	10	20	30	39	49	59	69	79	89	98	108	118	128	138	148	157	167	177	187	197	207	m	
SS 45		0.37	0.50	Discharge in LPH	1800	1650	1500	1330	1160	1000	830	620	340	-	-	-	-	-	-	-	-	-	-	-	30		
SS 50E		0.37	0.50		2100	1900	1700	1530	1350	1180	1000	780	560	320	-	-	-	-	-	-	-	-	-	-	32		
SS 51E		0.37	0.50		2150	1960	1780	1600	1420	1250	1080	910	700	430	-	-	-	-	-	-	-	-	-	-	34		
SS 54	A	0.37	0.50		3300	3120	2950	2750	2550	2320	2100	1850	1600	1350	1050	750	440	-	-	-	-	-	-	-	-	42	
SS 70		0.75	1.00		3420	3250	3070	2850	2650	2420	2200	1950	1700	1400	1130	810	480	-	-	-	-	-	-	-	-	42	
SS 71E		0.75	1.00		3000	2810	2660	2510	2380	2250	2100	1960	1800	1640	1470	1320	1160	980	750	400	-	-	-	-	-	51	
SS 71	A	0.75	1.00		3400	3320	3220	3120	3020	2920	2800	2680	2550	2400	2220	2020	1820	1600	1370	1080	700	350	-	-	-	55	
SS 72		1.10	1.50		3500	3420	3330	3240	3150	3060	2960	2850	2720	2590	2470	2340	2200	2070	1920	1780	1600	1400	1190	900	400	65	
CLASSIC 05		0.37	0.50		1800	1650	1500	1330	1160	1000	830	620	340	-	-	-	-	-	-	-	-	-	-	-	-	28	
CLASSIC e 05		0.37	0.50		1800	1650	1500	1330	1160	1000	830	620	340	-	-	-	-	-	-	-	-	-	-	-	-	28	
CLASSIC 10		0.75	1.00		2830	2650	2430	2230	2010	1790	1580	1390	1180	950	700	460	250	-	-	-	-	-	-	-	-	42	
CLASSIC e 10		0.75	1.00		2830	2650	2430	2230	2010	1790	1580	1390	1180	950	700	460	250	-	-	-	-	-	-	-	-	42	



Mini Self Priming Pump Series | 2880 RPM, Single Phase-240V, 50Hz, AC Supply

Model	kW	HP	Head In Meters / Feet														Shut-Off Head in m
			M	3	6	9	12	15	18	21	24	27	30	33	36	39	
			Ft	10	20	30	39	49	59	69	79	89	98	108	118	128	
SILVA 05	0.37	0.50	Discharge in LPH	1800	1650	1500	1330	1160	1000	830	620	340					28
SILVA 05 PLUS	0.37	0.50		2300	2000	1750	1530	1380	1200	1000	800	600	400				32
SILVA 10	0.75	1.00		2300	2080	1800	1600	1450	1250	1090	910	700	500				35
SILVA 10 PLUS	0.75	1.00		3000	2800	2500	2250	2050	1850	1700	1500	1300	1150	950	750	470	45



Super Flow (V Type) Self Priming Pump Series | 2880 RPM, Single Phase-240V, 50Hz, AC Supply

Model	kW	HP	Head In Meters / Feet																	Shut-Off Head in m
			M	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	
			Ft	10	20	30	39	49	59	69	79	89	98	108	118	128	138	148	157	
SS 52	0.37	0.50	Discharge in LPH	2800	2600	2400	2200	2020	1850	1660	1460	1240	1000	700	400	-	-	-	-	37
SS 52C	0.37	0.50		2800	2600	2400	2200	2020	1850	1660	1460	1240	1000	700	400	-	-	-	-	37
SS 74	0.75	1.00		2900	2750	2600	2450	2300	2120	1950	1760	1600	1400	1200	1000	800	600	400	200	51
SS 74EC	0.75	1.00		2850	2650	2450	2250	2070	1900	1710	1490	1290	1050	750	450	-	-	-	-	38
SUPER FLOW 10	0.75	1.00		2850	2650	2450	2250	2070	1900	1710	1490	1290	1050	750	450	-	-	-	-	38
SUPER FLOW 74	0.75	1.00		2800	2640	2480	2320	2150	1980	1800	1600	1420	1240	1050	850	650	450	250	-	48
SILVA SPEEDY 05	0.37	0.50		2800	2600	2400	2200	2020	1850	1660	1460	1240	1000	700	400					37



Super Suction Self Priming Pump Series | 2880 RPM, Single Phase-240V, 50Hz, AC Supply

Model	kW	HP	Head In Meters / Feet																	Shut-Off Head in m
			M	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	
			Ft	10	20	30	39	49	59	69	79	89	98	108	118	128	138	148	157	
SS 23	0.37	0.50	Discharge in LPH	1900	1760	1600	1400	1200	1040	900	600	400	-	-	-	-	-	-	-	29
SS 53	0.75	1.00		2400	2200	2050	1900	1750	1650	1500	1330	1200	1000	800	600	400	-	-	-	42
SS 73	1.10	1.50		2950	2890	2840	2760	2680	2600	2500	2400	2290	2170	2050	1900	1740	1570	1360	1120	57



Robo (T) Self Priming Pump Series | 1440 RPM, Single Phase-240V, 50Hz, AC Supply

Model	kW	HP	Head In Meters / Feet														Shut-Off Head in m
			M	3	6	9	12	15	18	21	24	27	30	33	36	39	
			Ft	10	20	30	39	49	59	69	79	89	98	108	118	128	
DSS 2E	0.37	0.50	Discharge in LPH	3020	2850	2650	2400	2150	1900	1610	1300	950	550	-	-	-	33
DSS 2	0.37	0.50		3200	3000	2800	2580	2300	2040	1720	1400	1080	700	360	-	-	36
DSSS 3E	0.75	1.00		4000	3800	3600	3350	3100	2860	2600	2350	2120	1900	1670	1450	1200	50
DSS 3	0.75	1.00		4100	3900	3700	3460	3200	2960	2700	2470	2250	2020	1820	1600	1350	52





Robo (C) Self Priming Pump Series | 1440 RPM, Single Phase-240V, 50Hz, AC Supply

Model	kW	HP	Head In Meters / Feet														Shut-Off
			M	3	6	9	12	15	18	21	24	27	30	33	36	39	Head in m
			Ft	10	20	30	39	49	59	69	79	89	98	108	118	128	
STM 7D	0.75	1.00	Discharge in LPH	3500	3320	3140	2930	2700	2450	2200	1950	1700	1440	1200	960	700	47



Super Shallow Well Self Priming Pump Series 2880 RPM, Single Phase-240V, 50Hz, AC Supply

Model	kW	HP	Head In Meters / Feet															Shut-Off
			M	9	12	15	18	21	24	27	30	33	36	39	42	Head in m		
			Ft	30	39	49	59	69	79	89	98	108	118	128	138			
STCSP 422	0.37	0.50	Discharge in LPH	2850	2850	2800	2550	2200	1750	1250	750	350	-	-	-	36		
STCSP 722E	0.75	1.00		2950	2950	2900	2650	2300	1850	1350	850	450	170	-	-	39		
STCSP 722	0.75	1.00		-	3000	2980	2970	2950	2900	2730	2210	1800	1300	1000	500	47		
SILVA SHALLO 05*	0.37	0.50		2800	2750	2760	2650	2500	2000	1350	800	350				34		
SILVA SHALLO 10E*	0.75	1.00		2830	2800	2780	2700	2530	2050	1400	850	400				34		
SILVA SHALLO 10*	0.75	1.00		2820	2770	2730	2730	2730	2730	2640	2250	1550	820			41		

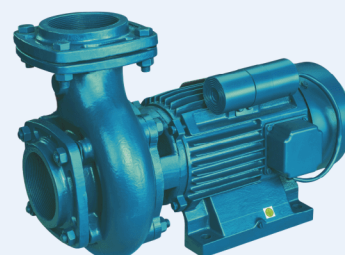
Note:

- All performance indicated are at 1 bar or atmospheric pressure
- All model pumps have pipe size of 25x25 mm.
- C - Cast Iron Body
- Models available in CI Impeller/AL Impeller.
- * Aluminum Winding

CENTRIFUGAL MONOBLOCK PUMP SERIES

SALIENT FEATURES

- Built-in imported Thermal Overload Protector (TOP)
- TEFC, Capacitor Start and Run motor
- Double shield ball bearing for longer life
- F-Class enamel-coated copper wire for increased coil life
- Special mechanical seal – liquid temperature up to 90°C
- Super Low Voltage: 100 – 200 V
- Single Phase Normal: 160 – 240 V
- Single Phase Special Design: 100 – 300 V
- Special Design: 160 – 420 V
- 3-Phase models are optional against order



Centrifugal Monoblock Pump Series | 2880 RPM, Single Phase-240V, 50Hz, AC Supply

HIGH HEAD - LOW DISCHARGE

Model	ISI	kW	HP	Inlet size in mm	Outlet size in mm	Head In Meters / Feet														Shut-Off Head in m	Voltage Range Options		
						M	8	10	12	14	16	18	20	22	24	26	28	30					
						Ft	26	33	40	46	52	59	66	72	79	85	92	98					
STC 422 ER		0.37	0.50	25	25	Discharge in LPM	108	102	90	67	27	-	-	-	-	-	-	-	18	A	B		
STC 422 EN		0.37	0.50	25	25				100	99	96	82	40	-	-	-	-	-	22	A	B		
STC 422E AL / C.I	A	0.37	0.50	25	25		-	108	100	90	73	45	-	-	-	-	-	-	20	A	B		
STC 422 AL	A	0.37	0.50	25	25		-	115	113	110	99	72	33	-	-	-	-	-	22	A	B		
STC 522		0.55	0.75	25	25		-	-	-	-	97	96.5	94	78	46	-	-	-	26		B		
STC 722		0.75	1.00	25	25		-	-	-	-	98	97	95	80	48	-	-	-	26		B		
STC 722 HH		0.75	1.00	25	25		-	-	-	-	-	-	102	101	99	87	66	30	32		B		
SILVA STC 422EN *		0.37	0.50	25	25				100	99	97	77	21						22		B		

Model	ISI	kW	HP	Inlet size in mm	Outlet size in mm	Head in Meters / Feet														Shut-Off Head in m	Voltage Range Options		
						m	16	18	20	22	24	26	28	30	32	34	36	38					
						ft	52	59	66	72	79	85	92	98	105	112	119	125					
STC 732E	A	0.75	1.00	32	25	Discharge in LPM	150	142	126	108	87	48	-	-	-	-	-	28	B				
STC 732	A	0.75	1.00	32	25		137	135	133	129	123	108	72	39	-	-	-	32	B				
STC 1532		1.5	2.00	32	25		-	-	144	138	132	126	120	112	101	84	66	43	40	A	B	C	D

MEDIUM HEAD – MEDIUM DISCHARGE

Model	ISI	kW	HP	Inlet size in mm	Outlet size in mm	Head in Metres / Feet												Shut-Off Head in m	Voltage Range Options		
						m	6	8	10	12	14	16	18	20	22	24	26				
						ft	20	26	33	40	46	52	59	66	72	79	85				
STC 444	A	0.37	0.50	40	40	Discharge in LPM	315	300	250	180	-	-	-	-	-	-	14	A	B		
STC 444 HH		0.37	0.50	40	40		276	252	225	192	138	15M-96					16		B		
STC 455		0.37	0.50	50	50		330	280	210	11M-150	-	-	-	-	-	-	12	A	B		
STC 744E		0.75	1.00	40	40		-	-	250	240	225	180	-	-	-	-	18	A	B		
STC 744	A	0.75	1.00	40	40		-	-	274	270	250	215	160	-	-	-	19	A	B	C	D
STC 1144	A	1.1	1.50	40	40		-	-	-	-	-	230	225	220	210	190	120	28	A	B	C

Model	ISI	kW	HP	Inlet size in mm	Outlet size in mm	Head in Meters / Feet										Shut-Off Head in m	Voltage Range Options						
						m	8	10	12	14	16	18	20	22	24								25
						ft	26	33	40	46	52	59	66	72	78								82
STC 1165	A	1.1	1.50	65	50	Discharge in LPM	530	490	451	392	280	-	-	-			23	A	B	C	D		
STC 1565E		1.5	2.00	65	50		550	510	460	400	300	-	-	-			18	A	B	C	D		
STC 1565	A	1.5	2.00	65	50		600	580	550	505	440	360	240	-			22	A	B	C	D	A1	D1
STC 2265		2.2	3.00	65	50		-	-	615	609	600	579	528	438	330	240	26		B		D		

LOW HEAD – HIGH DISCHARGE

Model	ISI	kW	HP	Inlet size in mm	Outlet size in mm	Head in Meters / Feet													Shut-Off Head in m	Voltage Range Options			
						m	4	5	6	7	8	9	10	11	12	13							
						ft	13	16	20	23	26	30	33	36	40	43							
STC 777	A	0.75	1.00	80	80	Discharge in LPM	840	770	680	590	500	380	-	-	-	-	10		B			A1	
STC 1177		1.1	1.50	80	80		960	920	870	800	720	620	520	380	-	-	12		B				
STC 1576 HD		1.5	2.00	80	65		-	-	920	880	840	790	740	660	550	400	14	A	B	C	D	A1	D1
STC 1577	A	1.5	2.00	80	80		-	-	920	880	840	790	740	660	560	420	14	A	B	C	D	A1	D1
STC 221010		2.2	3.00	100	100		1080	1030	950	880	800	720	640	540	-	-	12		B		D		

Model	ISI	kW	HP	Inlet size in mm	Outlet size in mm	Head in Meters / Feet													Shut-Off Head in m	Voltage Range Options		
						m	8	10	12	14	16	18	20	22	24	26	28	30				
						ft	26	33	40	46	52	59	66	72	79	85	92	98				
STC 755E		0.75	1.00	50	50	Discharge in LPM	445	365	270	-	-	-	-	-	-	-	-	-	14	A	B	
STC 755	A	0.75	1.00	50	50		490	430	330	180	-	-	-	-	-	-	-	-	15	A	B	C
STC 1154	A	1.1	1.50	50	40		480	460	430	400	350	280	-	-	-	-	-	-	20	A	B	C
STC 1155	A	1.1	1.50	50	50		519	480	431	382	323	241	-	-	-	-	-	-	20	A	B	C
STC 1555E		1.5	2.00	50	50		530	490	440	390	330	246	-	-	-	-	-	-	20	A	B	C
STC 1554	A	1.5	2.00	50	40		-	480	460	440	415	380	330	250	-	-	-	-	24	A	B	C
STC 1555	A	1.5	2.00	50	50		-	490	470	450	425	384	335	258	-	-	-	-	24	A	B	C
STC 1555 HH		1.5	2.00	50	50		-	-	-	-	250	245	240	235	230	218	175	110	32	A	B	C
STC 2254		2.2	3.00	50	40		-	-	-	-	-	470	460	450	430	380	290	32		B		D
STC 2255		2.2	3.00	50	50		-	-	-	-	-	475	470	460	440	390	300	32		B		D

Voltage Range (From - To)	Variants						
	A	B	C (Spl)	D (DP)	A1	B1	D1
	100V - 200V	160V - 240 V	100V - 300V	160V - 420V	120V - 220V	140V - 240V	140V - 360V

Note:

A – Available with ISI | All performance indicated are at 1 bar or atmospheric pressure.
 Extension shaft type is available on selected models. | AL – Extruded Aluminum Body |
 CI – Cast Iron Body | HH – High Head | HD – High Discharge | * Aluminum Winding

OPENWELL SUBMERSIBLE PUMP SERIES

SALIENT FEATURES

- Wide-voltage motor for reliable performance
- Stainless-steel shaft and motor body for long life for **Single Phase Openwell**
- Water-lubricated bearings for smooth running
- Balanced impellers
- Poly-wrap winding wires

- High discharge and steady water flow
- Heavy-duty construction for durability
- Oil seal for leak protection
- Suitable for continuous operation
- CED-coated for superior anti-rust and Corrosion protection for **Single Phase Openwell**



Model	ISI	kW	HP	Inlet size in mm	Outlet size in mm	Head In Meters / Feet																		Shut-Off
						M	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	Head in m	
						Ft	26	33	40	46	52	59	66	72	79	85	92	98	105	111	118	125		
STO 422 5S	A	0.37	0.50	25	25	Discharge in LPM	150	138	126	112	96	75	42	-	-	-	-	-	-	-	-	21		
STO 732 E	A	0.75	1.00	32	25		-	-	158	155	150	137	112	84	48	18	-	-	-	-	-	28		
STO 732 5S	A	0.75	1.00	32	25		-	-	176	170	164	159	152	143	130	111	87	44	18	-	-	34		
STSO 1144	A	1.10	1.50	40	40		-	-	310	292	272	250	225	200	170	140	98	29M-30	-	-	-	31		
STO 1132	A	1.10	1.50	32	25		-	-	-	-	-	-	144	139	132	123	113	102	86	68	44	22	40	
STO 1555	A	1.50	2.00	50	50		-	528	486	444	390	336	270	180	-	-	-	-	-	-	-	-	24	
STO 1555 HH	A	1.50	2.00	50	50		-	318	306	294	282	264	246	216	186	144	96	29M-30	-	-	-	-	32	

Vertical / Horizontal Open Well Submersible Pump Series — 2880 RPM, Single Phase—240V, 50Hz, AC Supply

Model	kW	HP	Outlet size in mm	Head In Metres / Feet													Shut-Off Head in m
				M	10	20	30	40	50	55	60	65	70	75	80	90	
				Ft	33	66	98	131	164	180	197	213	230	246	262	295	
STVHO 732/08	0.75	1	32	Discharge in LPM	105	94	82	67	48	38	23	-	-	-	-	-	65
STVHO 1132/10	1.1	1.5	32		111	100	89	78	66	60	52	44	32	17	-	-	80
STVHO 1132/12	1.1	1.5	32		113	104	95	84	75	70	65	58	52	44	36	18	95

3 Phase Open Well Submersible Pump Series

MODEL	KW/HP	P.SIZE IN MM	H IN MTR	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	44	50	56	
STO 2265	2.2/3.0	65X50	QIN LPM				700	650	610	550	500	440	350	250									
STO 3765	3.7/5.0	65X50								795	760	720	680	625	570	500	400	300					
STO 5565	5.5/7.5	65X50								650			645	640	635		630		625	620	595	475	290
STO 2276	2.2/3.0	80X65		1140	1070	1020	940	870	770	670	540	410											
STO 3776	3.7/5.0	80X65			1250	1180	1120	1060	1000	920	830	730	620	470									
STO 5576	5.5/7.5	80X65						1035	1030	1010	1010	1010	1010	1010	990	940	840	740	620	480	360		

Note:

A – Available with ISI | All performance indicated are at 1 bar or atmospheric pressure | 5S – 5 Star Rating

The motor ratings in HP are only indicative and for reference purpose

Performance chart may differ according to site conditions

BOREWELL SUBMERSIBLE PUMPS

SALIENT FEATURES

- Wide voltage band operation: 140V–240V
- Unique sand protection technology
- Zero-risk motor protection system
- Built to NEMA standard design
- High-efficiency motor for deep water lifting
- Stainless-steel shaft for long service life
- Sand-resistant impeller design
- F-Class insulation for motor safety
- Smooth running with high-quality bearings
- High-grade bearings for smooth operation
- Corrosion-resistant components for long life
- Suitable for continuous heavy-duty operation



PERFORMANCE CHART – 100 MM (4")

Borewell Submersible Pumpsets – 220 V / Single Phase / 380 V / Three Phase / Frequency 50 Hz / AC Supply

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT	HEAD IN MTRS	DISCHARGE IN LPM - 30 LPM Series									
						0	10	20	30	35	40	45	50	55	60
Chandra - N - 10/ 16 / 30	1.0	16	32	7.5		93	87	80	71	63	52	42	30	17	8
Chandra - N - 15/ 25 / 30	1.5	25	32	10.5		141	130	117	98	85	68	50	36	23	11
Chandra - N - 20/ 30 / 30	2.0	30	32	13.5		170	161	146	122	105	84	63	46	28	14

MODEL NAME	HP	STAGE	DLY SIZE mm	RATED CURRENT	HEAD IN MTRS	DISCHARGE IN LPM - 45 LPM															
						0	10	20	30	35	40	45	50	55	60	65	70	75	80		
Chandra - N - 10/ 10 / 45	1.00	10	32	7.5		58	56	54	52	50	47	44	40	36	32	27	20	13	5		
Chandra - N - 10/ 12 / 45	1.00	12	32	7.5		69	67	65	62	59	56	53	48	43	38	32	24	15	6		
Chandra - N - 10/ 14 / 45	1.00	14	32	7.5		81	78	76	72	69	65	60	55	50	45	39	30	19	8		
Chandra - N - 15/ 18 / 45	1.50	18	32	10.5		104	101	98	93	89	84	79	72	65	57	48	36	23	10		
Chandra - N - 15/ 21 / 45	1.50	21	32	10.5		121	118	114	108	104	97	91	83	76	66	56	42	27	12		
Chandra - N - 20/ 25 / 45	2.00	25	32	13.5		144	140	136	129	124	116	108	99	90	81	69	55	34	14		

MODEL NAME	HP	STAGE	DLY SIZE mm	RATED CURRENT	HEAD IN MTRS	DISCHARGE IN LPM - 70 LPM													
						0	20	30	50	60	65	70	75	80	85	90	100	110	120
Chandra - N - 10/ 07 / 70	1.00	7	32	7		45	43	42	40	38	37	35	34	32	30	28	23	16	7
Chandra - N - 10/ 10 / 70	1.00	10	32	7.5		63	60	58	55	53	51	49	46	44	41	38	32	22	10
Chandra - N - 15/ 15 / 70	1.50	15	32	10.5		94	89	87	83	79	76	73	69	66	62	58	47	32	16
Chandra - N - 20/ 20 / 70	2.00	20	32	13.5		123	119	116	110	105	101	97	92	87	82	77	63	43	21

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT	HEAD IN MTRS	DISCHARGE IN LPM - 85 LPM Series														
						0	20	30	60	65	70	85	90	100	110	120	130	140	155	
Chandra - N - 10/ 08 / 85	1.0	8	38	7.5		55	52	50	43	42	41	38	37	34	28	22	16	11	5	
Chandra - N - 15/ 10 / 85	1.5	10	38	10.5		68	64	62	54	53	52	47	45	42	35	27	20	14	7	
Chandra - N - 15/ 12 / 85	1.5	12	38	10.5		82	77	74	65	64	63	57	55	51	42	33	24	17	9	
Chandra - N - 20/ 15 / 85	2.0	15	38	13.5		103	97	93	82	80	78	73	71	64	52	40	30	20	10	

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT	HEAD IN MTRS	DISCHARGE IN LPM -120 LPM Series -6M Head											
						0	30	60	70	90	100	110	120	125	130	140	155
Chandra - N - 15/ 08 / 120	1.5	8	50	10.5		56	53	50	49	46	44	42	39	37	35	30	24

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT	HEAD IN MTRS	DISCHARGE IN LPM - 140 LPM Series -6M HEAD													
						0	30	60	70	90	100	110	120	125	130	140	155	165	190
Chandra - N - 20/ 08 / 140	2.0	8	50	13.5		52	50	48	47	44	42	40	38	37	36	34	30	27	20
Chandra - N - 20/ 10 / 140	2.0	10	50	13.5		64	60	55	53	49	47	45	43	42	41	39	36	33	25

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT	HEAD IN MTRS	DISCHARGE IN LPM - 38 LPM Series 7.5M Head													
						0	10	15	18	20	22	30	38	42	48	50	54	60	
Chandra - NX - 10/ 08 / 38	1.0	8	32	7.5		58	55	53	51	49	47	41	34	30	25	23	18	9	
Chandra - NX - 10/ 10 / 38	1.0	10	32	7.5		74	70	67	64	62	60	52	44	39	32	29	23	12	
Chandra - NX - 10/ 12 / 38	1.0	12	32	7.5		88	83	79	76	73	71	61	52	46	37	34	26	13	
Chandra - NX - 10/ 14 / 38	1.0	14	32	7.5		102	97	93	88	85	83	72	60	53	43	39	31	15	
Chandra - NX - 10/ 15 / 38	1.0	15	32	7.5		110	104	99	95	92	89	77	65	57	47	42	33	16	
Chandra - NX - 10/ 18 / 38	1.0	18	32	7.5		131	124	119	113	110	106	92	77	68	56	50	40	20	
Chandra - NX - 15/ 20 / 38	1.5	20	32	10.5		146	134	127	122	118	114	101	88	78	66	62	50	21	
Chandra - NX - 20/ 25 / 38	2.0	25	32	13.5		183	168	159	152	148	143	127	110	98	83	77	62	22	
Chandra - NX Plus - 20/ 30 / 38	2.0	30	32	13.5		227	208	196	187	182	177	157	136	122	102	95	77	28	
Chandra - NX Plus - 30/ 35 / 38	3.0	35	32	19.8		256	235	223	213	207	200	177	153	137	116	105	80	29	
Chandra - NX Plus - 30/ 40 / 38	3.0	40	32	19.8		292	269	254	243	236	229	202	174	157	132	120	91	32	
Chandra - 3NX Plus - 20/ 30 / 38	2.0	30	32	4.8		227	208	196	187	182	177	157	136	122	102	95	77	28	
Chandra - 3NX PLUS - 30/ 35 / 38	3.0	35	32	6.9		256	235	223	213	207	200	177	153	137	116	105	80	29	
Chandra - 3NX Plus - 30/ 40 / 38	3.0	40	32	6.9		292	269	254	243	236	229	202	174	157	132	120	91	32	
Chandra - 3NX PLUS - 50/ 50 / 38	5.0	50	32	10.6		365	336	318	304	295	286	253	218	197	165	150	114	40	

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT	HEAD IN MTRS	DISCHARGE IN LPM - 60 LPM Series 7.5M Head													
						0	10	20	30	40	45	50	55	60	65	70	80	85	
Chandra - NX - 10/ 10 / 60	1.0	10	32	7.5	HEAD IN MTRS	85	82	79	75	70	67	64	60	56	52	48	38	30	
Chandra - NX - 15/ 15 / 60	1.5	15	32	10.5		128	123	119	113	105	101	96	90	84	78	72	57	45	
Chandra - NX - 20/ 20 / 60	2.0	20	32	13.5		171	164	158	150	140	134	128	120	112	104	96	76	60	
Chandra - NX Plus - 20/ 25 / 60	2.0	25	32	13.5		212	205	198	188	175	168	160	150	140	130	120	95	75	
Chandra - NX Plus - 30/ 30 / 60	3.0	30	32	19.8		256	246	237	225	210	201	192	180	168	156	144	114	90	
Chandra - 3NX Plus - 20/ 25 / 60	2.0	25	32	4.8		212	205	198	188	175	168	160	150	140	130	120	95	75	
Chandra - 3NX Plus - 30/ 30 / 60	3.0	30	32	6.9		256	246	237	225	210	201	192	180	168	156	144	114	90	
Chandra - 3NX Plus - 50/ 36 / 60	5.0	36	38	10.6		307	295	284	270	252	241	230	216	202	187	173	137	108	
Chandra - 3NX Plus - 50/ 40 / 60	5.0	40	38	10.6		341	328	316	300	280	268	256	240	224	208	192	152	120	
Chandra - 3NX Plus - 60/ 44 / 60	6.0	44	38	12.6		375	361	348	330	308	295	282	264	246	229	211	167	132	
Chandra - 3NX Plus - 60/ 48 / 60	6.0	48	38	12.6		408	394	380	360	336	322	307	288	269	250	230	182	144	

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT	HEAD IN MTRS	DISCHARGE IN LPM - 75 LPM Series 7.5M Head												
						0	15	30	42	48	50	60	70	75	80	90	100	110
Chandra - NX - 10/ 08 / 75	1.0	8	40	7.5		58	55	51	48	46	45	41	36	34	30	24	18	10
Chandra - NX - 15/ 10 / 75	1.5	10	40	10.5		73	68	64	60	57	56	52	46	42	38	29	22	14
Chandra - NX - 15/ 12 / 75	1.5	12	40	10.5		88	82	77	72	68	67	61	55	50	46	35	26	18
Chandra - NX - 20/ 15 / 75	2.0	15	40	13.5		110	103	96	90	86	84	76	68	63	57	44	33	22
Chandra - NX - 30/ 22 / 75	3.0	22	38	19.8		161	150	141	132	125	123	112	100	92	84	65	48	30
Chandra - NX - 30/ 25 / 75	3.0	25	38	19.8		183	171	161	150	143	140	127	114	105	95	74	55	34
Chandra - NX - 30/ 27 / 75	3.0	27	38	19.8		197	185	173	162	154	151	138	123	113	103	79	59	36

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT		DISCHARGE IN LPM - 75 LPM Series 7.5M Head												
						0	15	30	42	48	50	60	70	75	80	90	100	110
Chandra - NX - 30/ 30 / 75	3.0	30	38	19.8	HEAD IN MTRS	220	205	193	180	171	168	154	137	126	114	88	66	40
Chandra - 3NX - 30/ 22 / 75	3.0	22	38	6.9		161	150	141	132	125	123	112	100	92	84	65	48	30
Chandra - 3NX - 30/ 25 / 75	3.0	25	38	6.9		183	171	161	150	143	140	127	114	105	95	74	55	34
Chandra - 3NX - 30/ 27 / 75	3.0	27	38	6.9		197	185	173	162	154	151	138	123	113	103	79	59	36
Chandra - 3NX - 30/ 30 / 75	3.0	30	38	6.9		220	205	193	180	171	168	154	137	126	114	88	66	40
Chandra - 3NX - 40 / 35 / 75	4.0	35	38	9.0		256	239	225	210	201	196	178	160	147	133	103	77	46
Chandra - 3NX - 50 / 40 / 75	5.0	40	38	10.6		292	274	257	240	228	224	204	182	168	152	118	88	54
Chandra - 3NX - 50 / 45 / 75	5.0	45	38	10.6		329	308	289	270	257	252	230	205	189	171	132	100	61
Chandra - 3NX - 50 / 50 / 75	5.0	50	38	10.6		366	342	321	300	285	280	255	228	210	190	147	111	70

HIGH DISCHARGE MODELS - 6.5 METER HEAD SERIES (THREE PIECE BODY - HEAVY CONSTRUCTION)																		
MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT		DISCHARGE IN LPM - 90 LPM Series 6.5M Haed												
						0	20	30	50	60	70	80	90	100	110	120	130	140
Chandra - NX - 15/ 10 / 90	1.50	10	38	10.5	HEAD IN MTRS	65	61	59	55	52	49	46	42	39	35	30	26	20
Chandra - NX - 20/ 12 / 90	2.00	12	38	13.8		78	73	71	66	63	59	55	50	46	42	37	31	24
Chandra - 3NX - 20/ 12 / 90	2.00	12	38	4.8		78	73	71	66	63	59	55	50	46	42	37	31	24
Chandra - NX - 30/ 19 / 90	3.00	19	38	19.8		123	116	112	104	99	93	87	80	73	67	58	49	38
Chandra - 3NX - 30/ 19 / 90	3.00	19	38	6.9		123	116	112	104	99	93	87	80	73	67	58	49	38
Chandra - 3NX - 40/ 25 / 90	4.00	25	38	9.0		162	153	147	137	131	123	114	105	97	88	76	64	50
Chandra - 3NX - 50/ 30 / 90	5.00	30	38	10.6		195	183	177	164	157	147	137	126	116	104	91	77	60
Chandra - 3NX - 60/ 36 / 90	6.00	36	38	12.6		234	220	212	197	188	177	164	151	139	126	110	93	72
Chandra - 3NX - 60/ 40 / 90	6.00	40	38	12.6		260	244	236	219	209	196	182	168	155	140	122	103	80
Chandra - 3NX - 75/ 45 / 90	7.50	45	38	15.5		292	275	265	246	235	221	205	189	174	158	137	116	90

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT		DISCHARGE IN LPM - 120 LPM Series 6.5M Head												
						0	30	60	80	90	100	110	120	130	140	150	160	170
Chandra - NX - 10/ 05 / 120	1	5	38	7.5	HEAD IN MTRS	33	32	30	28	27	25	24	23	20	18	16	14	12
Chandra - NX - 15/ 07 / 120	1.5	7	38	10.5		46	45	42	39	37	36	34	32	29	26	23	20	17
Chandra - NX - 20/ 10 / 120	2	10	38	13.8		66	64	60	56	54	51	48	45	41	37	32	28	24
Chandra - 3NX - 20/ 10 / 120	2	10	38	4.8		66	64	60	56	54	51	48	45	41	37	32	28	24
Chandra - NX - 30/ 12 / 120	3	12	38	19.8		81	77	71	67	64	61	58	54	49	44	39	34	29
Chandra - NX - 30/ 15 / 120	3	15	38	19.8		99	96	89	84	80	76	72	68	61	55	48	42	36
Chandra - 3NX - 30/ 12 / 120	3	12	38	6.9		81	77	71	67	64	61	58	54	49	44	39	34	29
Chandra - 3NX - 30/ 15 / 120	3	15	38	6.9		99	96	89	84	80	76	72	68	61	55	48	42	36
Chandra - 3NX - 40/ 19 / 120	4	19	38	9.0		126	121	113	106	102	96	91	86	77	69	61	54	46
Chandra - 3NX - 50/ 22 / 120	5	22	38	10.6		146	140	131	123	118	112	106	99	90	80	71	62	53
Chandra - 3NX - 50/ 25 / 120	5	25	38	10.6		166	159	149	139	134	127	120	113	102	91	81	71	60
Chandra - 3NX - 60/ 30 / 120	6	30	38	12.6		199	191	179	167	161	152	144	135	122	110	97	85	72
Chandra - 3NX - 60/ 32 / 120	6	32	38	12.6		212	204	190	178	171	162	154	144	130	117	103	90	77
Chandra - 3NX - 75/ 38 / 120	7.5	38	38	15.5		252	242	226	212	203	193	182	171	155	139	123	107	91
Chandra - 3NX - 75/ 40 / 120	7.5	40	38	15.5		265	255	238	223	214	203	192	180	163	146	129	113	96

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT		DISCHARGE IN LPM - 160 Lpm Series 6.5M Head										
						0	60	80	100	130	160	180	190	200	210	230
Chandra - NX - 20/ 08 / 160	2	8	50	13.8	HEAD IN MTRS	51	46	45	43	40	36	32	30	28	25	21
Chandra - NX - 30/ 10 / 160	3	10	50	19.8		62	58	56	53	50	45	40	37	35	31	26
Chandra - NX - 30/ 12 / 160	3	12	50	19.8		75	69	67	64	60	54	48	45	42	38	31
Chandra - 3NX - 20/ 08 / 160	2	8	50	4.8		51	46	45	43	40	36	32	30	28	25	21
Chandra - 3NX - 30/ 10 / 160	3	10	50	6.9		62	58	56	53	50	45	40	37	35	31	26
Chandra - 3NX - 30/ 12 / 160	3	12	50	6.9		75	69	67	64	60	54	48	45	42	38	31
Chandra - 3NX - 50/ 18 / 160	5	18	50	10.6		113	104	100	96	90	81	72	67	62	56	45
Chandra - 3NX - 50/ 20 / 160	5	20	50	10.6		124	115	111	107	100	90	80	75	69	63	50
Chandra - 3NX - 60/ 24 / 160	6	24	50	12.6		151	138	134	128	120	108	96	90	83	75	60
Chandra - 3NX - 75/ 30 / 160	7.5	30	50	15.5		186	173	167	160	150	135	120	112	104	94	75

MODEL NUMBER	HP	STAGE	DLY SIZE mm	RATED CURRENT		DISCHARGE IN LPM - 230 LPM Series 5.7M Head										
						0	80	110	150	180	230	270	300	330	360	420
Chandra - NX - 20/ 06 / 230	2	6	50	13.8	HEAD IN MTRS	35	30	28	26	24	21	19	17	15	13	10
Chandra - NX - 30/ 08 / 230	3	8	50	19.8		45	39	37	34	32	28	25	22	20	18	13
Chandra - 3NX - 20/ 06 / 230	2	6	50	4.8		35	30	28	26	24	21	19	17	15	13	10
Chandra - 3NX - 30/ 08 / 230	3	8	50	6.9		45	39	37	34	32	28	25	22	20	18	13
Chandra - 3NX - 50/ 14 / 230	5	14	50	10.6		78	70	66	60	56	50	43	39	35	31	22
Chandra - 3NX - 60/ 17 / 230	6	17	50	12.6		95	83	79	72	68	60	53	48	43	37	27
Chandra - 3NX - 75/ 20 / 230	7.5	20	50	15.5		113	98	93	85	80	71	62	56	50	44	32

Note:

- All performance indicated are at 1 bar or atmospheric pressure
- Performance chart may differ according to site conditions

MINI BOOSTER PUMP

SALIENT FEATURES

- > Compact design ideal for home pressure boosting
- > Wide-voltage motor for stable performance
- > Low-noise, smooth, and vibration-free operation
- > Thermal overload protection for motor safety
- > Corrosion-resistant components for long life
- > Easy installation and low maintenance



Model	KW/HP	P.Size	H in Mtr	6	9	12	14	18	21	24
MINI BOOSTER	0.37/0.5	25x25mm	Q in Lpm	34	30	27	25	20	18	15

MULTI STAGE PRESSURE BOOSTER PUMP

SALIENT FEATURES

- > Multi-impeller design for higher pressure output
- > Wide-voltage motor ensures stable performance
- > Stainless-steel pump body for long durability
- > Low-noise and vibration-free operation
- > High-efficiency hydraulic performance
- > Thermal overload protection for motor safety
- > Corrosion-resistant components for long life
- > Compact design suitable for easy installation



MODEL	HP	P.SIZE	TANK CAPACITY	H in Mtr	6	12	18	24	30	36	42	48	54
ST HMS 5/3	0.75	25x25	24	Q in Lpm	60	70	57	25					
ST HMS 5/4	1.00	25x25	24		100	88	76	65	40	16			
ST HMS 5/5	1.50	25x25	24		140	130	120	100	75	75	18		
ST HMS 5/6	2.00	32x25	24		160	145	132	120	100	83	64	35	15

MODEL	HP	P.SIZE	TANK CAPACITY	PRESSURE SWITCH SETTING (BAR)		PUMP WORKING CONDITION (BAR)		TANK PRECHARGE (BAR)	NO. OF SHOWER
				RANGE	DIFFERENCE	PUMP CUT IN	PUMP CUT OUT		
ST HMS 5/3	0.75	25x25	24	2.0	0.8	1.2	2.0	0.6	2
ST HMS 5/4	1.00	25x25	24	2.5	1.2	1.3	2.5	1.0	3
ST HMS 5/5	1.50	25x25	24	3.5	1.2	2.3	3.5	1.0	4
ST HMS 5/6	2.00	32x25	24	4.0	1.5	2.5	4.0	1.3	5

Note :

- The motor ratings in HP are only Indicative and for reference purpose
- Performance chart given above are Approximate and may differ on site conditions

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