



SRI VARU INDUSTRIES

Providing Complete WATER Solution



RUNS AT 160 VOLTS

LOW VOLTAGE CHAMPION

AIR COMPRESSOR PUMPS PERFORMANCE CHART

Depth (in metres)	Pumping Height (in %)	Lifting Height (in %)	Discharge in LPH									
			Model									
			1 HP(M)	1.5HP(M)	0.5 HP	1 HP	1.5 HP	2 HP	1.5HP (DC)	2HP(DC)	3HP(DC)	5HP(DC)
30	25	75	1550	1750	750	1500	1700	1900	1800	3200	4500	7500
	50	50	1850	2150	900	1800	2100	2300	2200	3800	5400	9000
	75	25	4050	4200	2000	4000	4150	4400	4250	8200	12000	20000
45	25	75	1400	1600	675	1350	1550	1725	1650	2900	4100	7000
	50	50	1550	1750	750	1500	1700	1900	1800	3200	4500	7500
	75	25	3050	3150	1500	3000	3100	3350	3200	6200	9000	15000
60	25	75	1200	1350	575	1150	1300	1500	1400	2600	3600	6000
	50	50	1350	1500	650	1300	1450	1700	1550	3000	3900	6500
	75	25	2800	2950	1375	2750	2900	3125	3000	5700	8500	14500
90	25	75	1050	1150	---	1000	1100	1300	1200	2050	3100	5000
	50	50	1150	1250	---	1100	1200	1425	1300	2300	3300	5500
	75	25	2550	2650	---	2500	2600	2850	2650	5200	8000	13750
120	25	75	950	1050	---	900	1000	1175	1050	1850	2600	4500
	50	50	1050	1150	---	1000	1100	1350	1150	2100	3000	5000
	75	25	2450	2550	---	2400	2500	2700	2550	4900	7600	13500

M - MONO BLOCK DC - DOUBLE CYLINDER

Technical Data

Model	No of Cylinder	Compressor RPM	Working pressure kg/cm2	Air Inlet Pipe	Outlet Pipe	Jet Pipe
1 HP (M)	1	1440	7	1/2"	1"	1"
1.5 HP (M)	1	1440	7	1/2"	1"	1"
0.5 HP	1	675	5	1/2"	1"	1"
1 HP	1	1200	7	1/2"	1"	1"
1.5 HP	1	930	7	1/2"	1"	1"
2 HP	1	930	7	1/2"	1 1/4"	1 1/4"
1.5 HP (DC)	2	612	7	1/2"	1"	1"
2HP(DC)	2	570	7	1/2"	1 1/4"	1 1/4"
3HP(DC)	2	725	7	1/2"	1 1/2"	1 1/2"
5HP(DC)	2	925	7	1/2"	1 1/2"	1 1/2"



BELT DRIVE COMPRESSOR



MONO BLOCK COMPRESSOR

Features :

Application: Industry, Construction, and Domestic.
 Sturdy design for continuous running.
 Designed to run at very low voltage as low as 160 volts.
 Very low spare cost.

Energy efficient motor.
 Low power consumption.
 Designed to meet IS 5456 standard.
 Good after sales and service.

Note: Discharge is only indicative. Actual discharge depends on availability of water in borewell based on strength of water source, submersion of jet, air leakage through pipes etc. and ratio of pumping height to lifting height.

Manufactured by:

SRI VARU INDUSTRIES

NO.1/105 MYLAMPATTI ROAD
 MYLAMPATTI VILLAGE AND POST
 SULUR TALUK COIMBATORE 641062
 CELL NO 9894706611 : E MAIL: srivaru_ind@yahoo.co.in



TECHNICAL SPECIFICATION FOR BORE WELL COMPRESSOR

Table of Working Models of the pump (SC - One Cylinder, DC - Two Cylinder)

Total Depth (in feet)	Depth of Water (in feet)	Height in ft. Water need to	1 HP SC		1.5 HP SC	2 HP SC	1.5 HP DC	2 HP DC	3 HP DC	5 HP SC	7.5 HP DC	10 HP DC
			Mono	Belt Type								
100	50	50	1530	1700	1935	2150	2585	3400	5100	8500	12750	17000
	75	25	3600	4000	4500	5000	6000	8000	12000	20000	30000	40000
150	75	75	1400	1550	1710	1900	2295	3100	4650	7750	11625	15500
	100	50	1980	2200	2700	3000	3645	4400	6600	11000	16500	22000
200	100	100	1200	1325	1440	1600	1890	2650	3975	6625	9940	13250
	125	75	1890	2100	2275	2520	3000	4200	6300	10500	15750	21000
300	150	150	---	---	---	---	1620	2150	3225	5375	8000	10750
	175	150	---	---	---	---	1890	2500	5625	6250	9375	12500
400	200	200	---	---	---	---	1485	2000	3000	5000	7500	10000
	250	150	---	---	---	---	1780	2350	5290	5875	8810	11750

Instruction (Note) : Speed and measurement of water filling by Compressor will vary according to depth of water in the well / borewell

Features :

Application: Industry, Construction, and Domestic.
 Sturdy design for continuous running.
 Designed to run at very low voltage as low as 160 volts.
 Very low spare cost.

Energy efficient motor.
 Low power consumption.
 Designed to meet IS 5456 standard.
 Good after sales and service.

Steps/Process of selecting a Compressor

Depth of Borewell	Compressor suitable for domestic usage (HP)	Compressor suitable for irrigation purpose (HP)
Upto 250 ft.	1 HP mono block	3 HP 2 Cylinders
Upto 300 ft.	1 HP 1 Cylinder	3 HP 2 Cylinders
Upto 350 ft.	1 HP 1 Cylinder	3 HP 2 Cylinders
Upto 400 ft.	2 HP 1 Cylinder or 1.5 HP 2 Cylinders, 2 HP 2 Cylinders (On The basis of water usage)	5 HP or higher
Upto 500 ft.		5 HP or 7.5 HP 2 Cylinders
Upto 600 ft.		7.5 HP or 10 HP 2 Cylinders

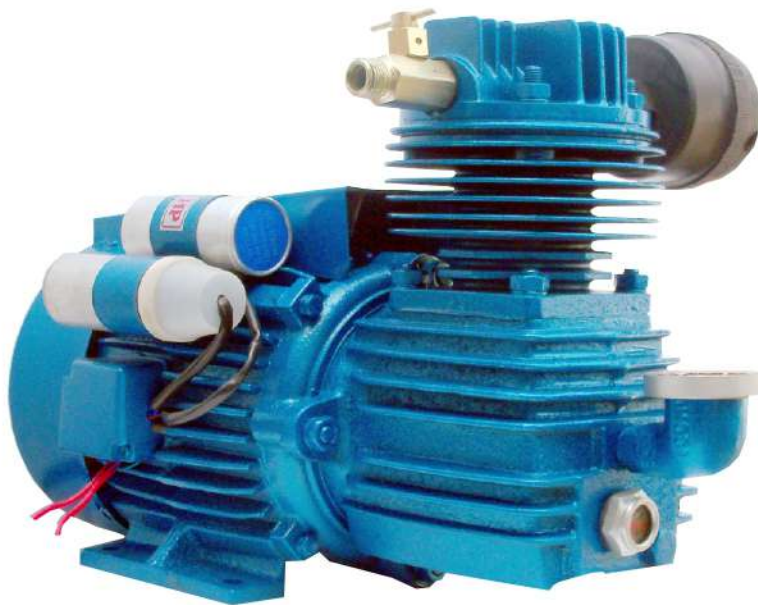
Water/Air pipe thickness table

Compressor	Air Pipe (in Inches)	Water Pipe (In Inches)
1 HP SC / 1.5 HP SC / 2 HP SC	1/2	1
1.5 HP DC / 2 HP SC	1/2	1 or 1 1/4
3 HP SC	1/2	1 1/4 or 1 1/2
5 HP SC	1/2	1 1/2 or 2
7.5 HP DC / 10 HP SC	5/8 or 3/4	2 or 2 1/2





BELT DRIVE COMPRESSOR



MONO BLOCK COMPRESOR