



# Borewell Compressor Pumps

High Performance | Efficient Technology  
Absolute Reliability

# ELGI

Always Better.

**UPTIME**<sup>™</sup>  
ASSURANCE



CIN: L29120TZ1960PLC000351

[www.elgi.com](http://www.elgi.com)

1 - 10 HP / 7 - 12 bar

## Single and Two Stage Bore-well Compressor Pumps

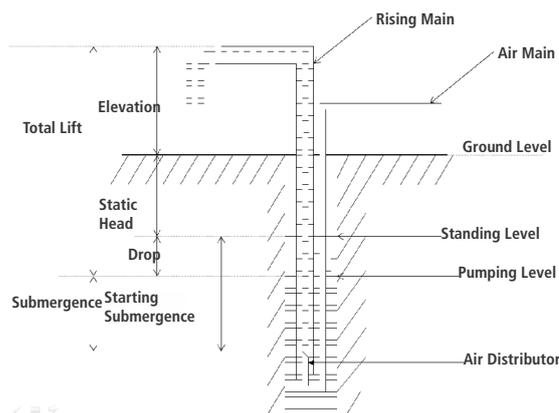
Borewell compressor pumps from Elgi bear the inimitable stamp of over 50 years of expertise in compressed air technology.

### Operation Principle

Compressed air is pumped down the borewell through an air pipe and is mixed with the ground water. The air water mixture is in the form of very fine bubbles that come through the air distributor and goes out through the discharge pipe. The density of this air mixture is lower than the density of the surrounding water column and it causes the mixture to rise in the delivery pipe. On continuation of this process, water is pumped out through the discharge pipe. The outlet from the discharge pipe must not be connected to a long conveyance pipe, since this will cause hammering when the water is ejected out due to large air pockets formed during the horizontal travel of the air water mixture in the pipe.

### Special Features

- Designed for efficiency close to zero maintenance
- Highly efficient Crank shaft with roller bearing
- Rust-proof and robust steel casting body
- Non-stop performance and hardly heats up
- Prompt and efficient After sales service
- High quality
- Only pipe lines are kept in the borewell. The compressor pump and motor can be erected at any convenient place



### Technical Specification

Compressor Model		Power	Compressor Speed	Working Pressure	FAD	Air Pipe Size	Lubricating Oil Capacity
		HP	RPM	kg/cm <sup>2</sup>	cfm	mm	ml
SS 01 L D BP		1.0	1420	8	2.47	16	300
SS 1.5 L D BP		1.5	1420	8	2.47	16	350
SS 01 L B BP		1.0	1420	10	2.53	16	400
SS1.5 L B BP		1.5	930	10	3.00	16	350
SS 02 L B BP		2.0	1200	10	3.95	16	400
SS 05 L B BP		5.0	925	7	15.64	20	530
SS 07 L B BP		7.0	690	7	25.10	25	750
SS 10 L B BP		10.0	920	7	33.70	25	750
TS 03 L B BP		3.0	2880	12	8.80	20	580
TS 05 L B BP		5.0	2880	12	14.47	20	580
TS 07 L B BP		7.0	1050	12	24.75	25	750

**Note:** Due to continuous engineering improvements, specifications are subject to change. The pictures shown in this brochure are representative and not the entire range.

# ELGI

**ELGI EQUIPMENTS LIMITED**

**CORPORATE OFFICE:** Trichy Road, Singanallur, Coimbatore - 641005,

**T:** +91-422-2589555, **E:** enquiry@elgi.com, **w:** www.elgi.com

Customer care mobile no.: +91 92821 11224 (SMS only)

Toll-free no: **1800-425-3544** (applicable for India only)

Distributed by

