



# Single-Stage Belt Drive Reciprocating Air Compressors

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**UPTIME™**  
ASSURANCE



CIN: L29120TZ1960PLC000351

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1 - 3 HP / 0.75 - 2.2 kW

# Single-Stage Belt Drive Reciprocating Compressors

## 1-3 HP

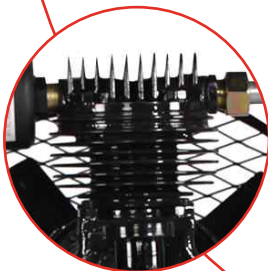
The Single-Stage Belt Drive Reciprocating Compressors are designed for continuous duty application. These single-stage cylinder belt driven reciprocating compressors are reliable workhorses and can generate up to 10 bar g pressure suitable for most of the industries and automotive applications.

### Key Product Features

- Designed for continuous duty
- Deep finned cast iron cylinder
- Low expansion aluminium alloy piston
- Forged steel crankshaft
- Sturdy, robust cast iron crankcase
- Optimal operating speed
- Aluminum cooler tubes and aerodynamically designed fan for efficient cooling
- Air receiver, conforming to ASME design
- Pressure relief valve for extra safety
- Automatic start and stop loop control



Proven pressure switch and starter



Cast Iron cylinder and head with extensive cooling fins for heat transfer



Air receiver conforming to ASME standards



Precision machined alloy pistons for longer life



Low wear stainless steel valves



Deep finned cylinders for efficient heat transfer. Large cooling fan covers the entire compressor block



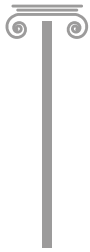
## Technical Specifications

Model	Motor Power		Piston Displacement		Free Air Delivery		Comp. Speed	Max Pressure		Air Receiver	Net Weight	Dimensional Data
	HP	kW	cfm	lpm	cfm	lpm	rpm	bar (g)	psi	ltrs	Kg	lxbxh(mm)
SS 01 L B	1	0.75	4.2	119	2.10	59	1200	10	145	45	69	825x460x725
SS 01 L B	1	0.75	4.2	119	2.10	59	1200	10	145	100	98	1270x390x860
SS 1.5 L B	1.5	1.1	5.6	159	3.0	85	930	10	145	100	85	1270x390x860
SS 02 L B	2	1.5	7.1	201	3.90	110	870	10	145	100	114	1270x390x860
SS 02 L B	2	1.5	7.1	201	3.90	110	870	10	145	160	142	1320x450x960
SS 03 L B	3	2.2	10.0	283	6.80	193	1225	10	145	160	143	1320x450x960

**Note:**

- Free Air Delivery measured as per IS 5456 at 8 bar
- Squirrel cage motors with IP55 protection and Class F insulation
- All models are available with single-phase motors. Weight of single-phase motor units may vary by +/- 7 kg
- Due to continuous engineering improvements , technical specifications are subject to change without prior notice

# AIR UP. UPTIME™



## UPTIME Design

This speaks to the engineering and design of our products. Our R&D is dedicated to designing machines that run cooler, cleaner and longer... that are easy to service... with longer service intervals.



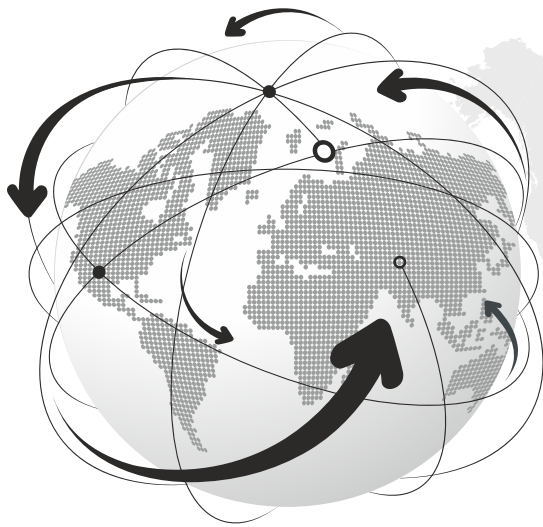
## UPTIME Components

For so many of our customers, seeing is believing. They know a quality-built machine when they see it. That's why every part on a ELGi compressor is a quality part.



## UPTIME Assurance

Here is where we back our pledge, Our industry leading warranties, parts availability and call centers staffed by experts assure peace-of-mind to our customers.



## WORLD-WIDE REACH

ELGi serves the world marketplace. Over two million compressors are powering business in 70 countries worldwide. The company offers a strong sales and service network, integrated with a distribution network of 100's of dealers worldwide. ELGi™ has its own manufacturing facilities in India, Italy and USA. Additionally, ELGi has warehouse operations to stock units and parts in Australia, Brazil, Indonesia and Middle east

# 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)

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