



## Two - Stage Direct Drive Reciprocating Air Compressors

**ELGi**<sup>®</sup>  
Always Better.



CIN: L29120TZ1960PLC000351

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

3 - 15 HP / 2.2 - 11 kW

## Fitting all your needs



Safety and capacity ensured with  
CE PED designed receiver tank



Assured longer life with  
cast iron and forged steel  
components



Starter and pressure switch  
of proven reliability over time



Maintenance free Stainless  
steel valve plates

## Premium Features\*



Maximum ambient  
**50° C**



7% - more  
flow



Low noise level  
**70-75 dB(A)**



9% lesser  
footprint



60% less oil  
change cost



25% reduced  
service cost

## The Direct Drive Advantage

Star Delta Starter as a standard with emergency button and hour meter.

Low operational speed using  
**high efficient 6 pole  
motor**

Common cooling fan for  
**energy efficiency and  
power saving**



**Optimized design**  
of piston and rings for  
longer life



Larger Aluminium inter & after  
coolers aiding **44% more  
heat transfer area**



**Unique integrated  
drive** with compact top  
block design



Possibility to run in **duty and  
stand-by or both in duty**



\*Avg. values across models

Values in comparison with conventional belt drive models

Simplex

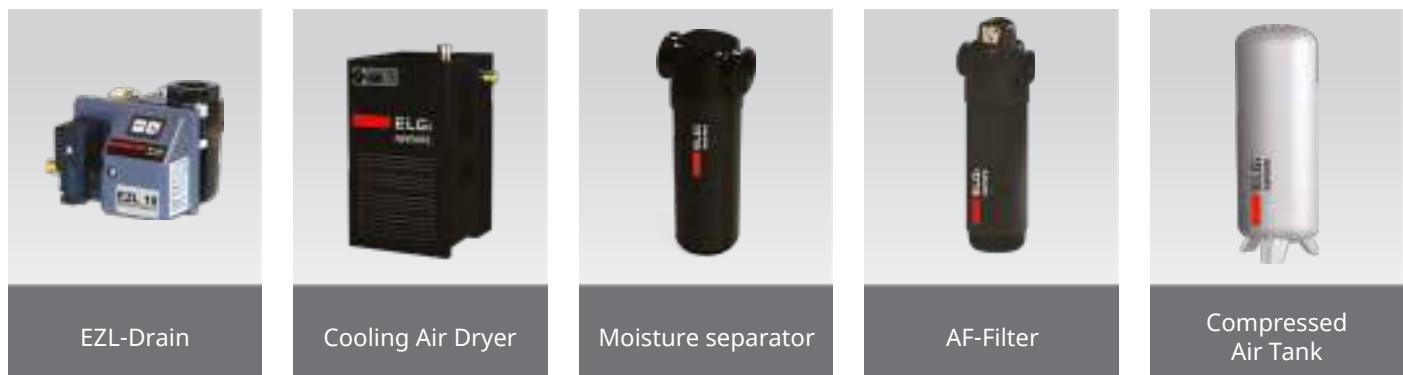
Duplex

## Technical Specification

Model	Power		Comp. Speed	Maximum Working Pressure		Free Air Delivery		Dimensions in mm			Weight	Air Receiver
	HP	kW		rpm	bar (g)	psi (g)	lpm	cfm	length	breadth	height	
TS 03 LD	3	2.2	970	12	175	255	9	1369	569	1093	210	160
TS 05 LD	5	3.7	962	12	175	418	14.75	1535	579	1118	240	250
TS 07 LD	7.5	5.5	968	12	175	637	22.5	1535	583	1137	275	250
TS 10 LD	10	7.5	962	12	175	850	30	1975	797	1161	460	500
TS 15 LD	15	11	968	12	175	1274	45	1975	809	1186	540	500

- Free air delivery measured in accordance with IS 5456 at a rated pressure of 10 kg/cm<sup>2</sup>
- Due to continuous engineering improvement, technical specifications are subject to change without prior notice. \*-Duplex - 2 x 5 HP
- 400 V, 3 ph, 50 Hz

## Accessories for ELGi Airmate



EZL-Drain

Cooling Air Dryer

Moisture separator

AF-Filter

Compressed Air Tank

## Genuine Spares

For enhancing performance and productivity



Always Better.

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