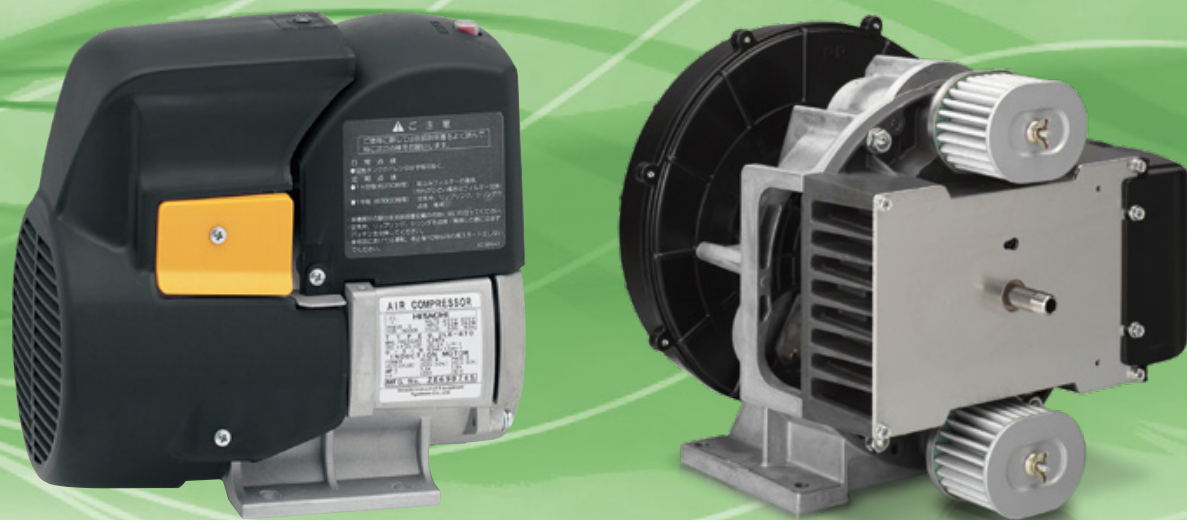


Hitachi Industrial Equipment Systems Europe



# AIR COMPRESSOR Oil Free

for original equipment manufacturers (OEM)



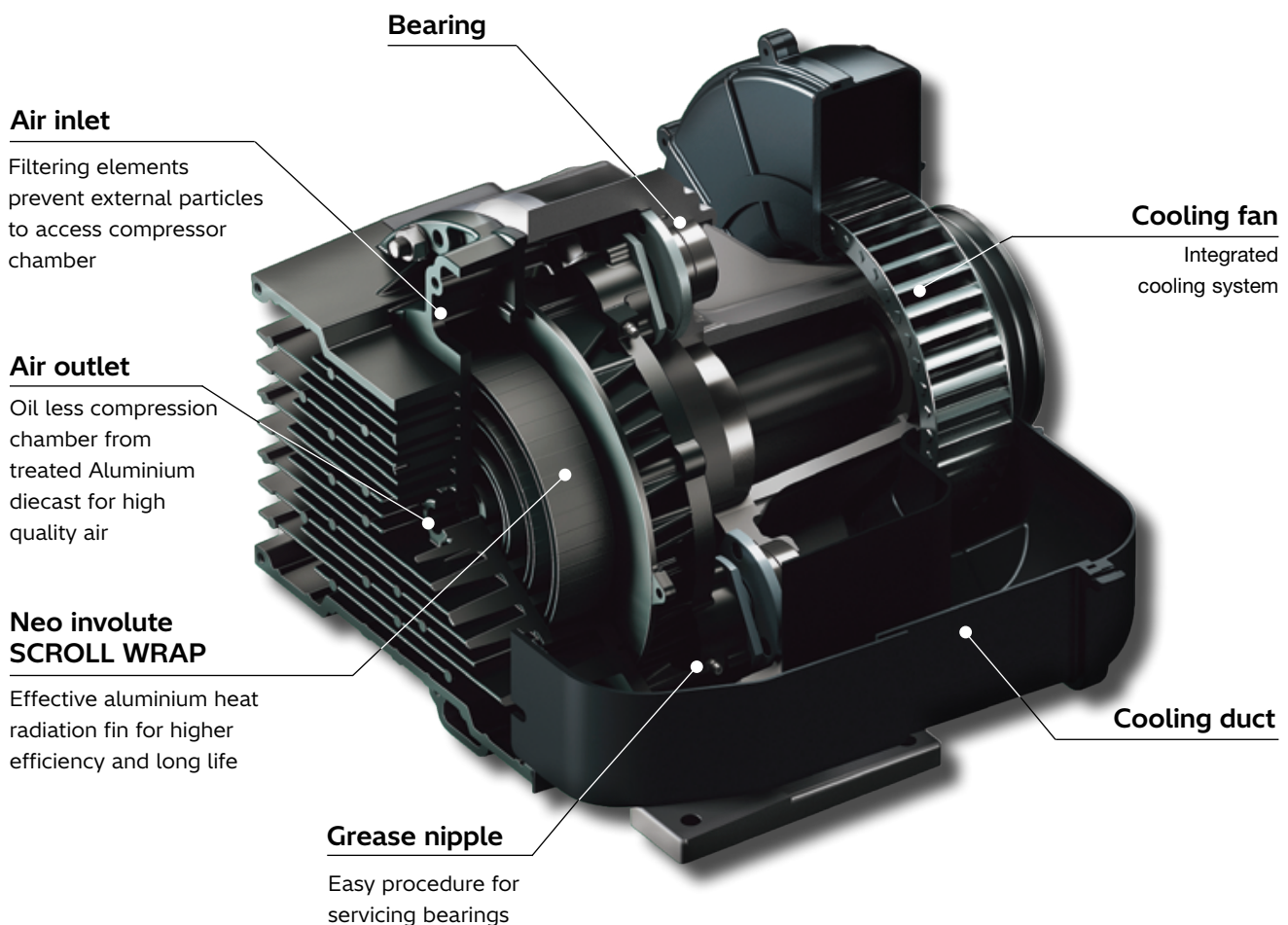
# HITACHI

# Oil Free Scroll

## Oil free scroll compressor air end for original equipment manufacturers

Hitachi's oil free scroll compressor is designed for low vibration, high reliability and long maintenance intervals. The compact air end comes with built in cooling system and filtering elements. Over sized roller bearing is used to increase system lifecycle. An oil less, low vibration, low noise compressor system can be achieved with the addition of standard components such as motor, belts, plumbing and cooling.

**NEW**  
SRL CG version  
with higher  
efficiency !



**NEW**

Model		SRL-2.2CB		SRL-3.7CG		SRL-5.5CB		SRL-7.5CB	
Recommended Motor		1.5 or 2.2 (2 or 3)		3.7 (5)		3.7 or 5.5 (5 or 7.5)		7.5 (10)	
Max Pressure 0.83 MPa (120 PSIG)	Capacity	L /min (cfm)	160 (5.65) for 1.5 kW 240 (8.47) for 2.2 kW	444 (15.7) for 3.7 kW		400 (14.12) for 3.7 kW 600 (21.19) for 5.5 kW		850 (30) for 7.5 kW	
Max Pressure 1 MPa (140 PSIG)	Capacity	L /min (cfm)	200 (7.06) for 2.2 kW	348 (12.3) for 3.7 kW		325 (11.48) for 3.7 kW 440 (15.54) for 5.5 kW		680 (24) for 7,5 kW	
Dimensions (W x D x H)		mm (inch)	358 x 359 x 298 (14.09 x 14.13 x 11.73)	334 x 372 x 293 (13.15 x 14.65 x 11.54 )		421 x 431 x 354 (16.57 x 16.97 x 13.94)		421 x 439 x 354 (16.57 x 17.28 x 13.94)	
Weight		kg (Lb)	15.9 (35.1)	22 (48.5)		27.5 (61)		28 (62)	
Overhaul Interval		hr	20,000 (0.8 MPa operation)						

# Oil Free Reciprocating

## Oil free reciprocating compressor air end for original equipment manufacturers

Hitachi's oil free reciprocating compressors use an innovative lip ring piston which results in reduced vibration and hence reduced noise. The LE series comes equipped with both the air end and motor together in one compact housing. The LE series is available in both 3 phase and single phase variants. Single phase units feature a non-load starting system such that air purge or soft start equipment is not required.



### High Pressure

Newly developed cooling system and lip ring material allow for standard 0.8 MPa (1.0 MPa available)

### Low Noise

Vibrating lip ring compression method, crank room air intake and optimization of suction port enable a reduction in tone of operating noise

### Long Maintenance Interval

Overhaul periods of up to 8,000 hours (0.8 MPa)

### Versatile

Easy integration into a variety of applications



Model		0.2LE-8S0	0.2LE-8T0	0.4LE-8S0	0.4LE-8T0	0.75LE-8S0	0.75LE-8T0
Motor Shaft Power	kW	0.2	0.2	0.4	0.4	0.75	0.75
Phase		Single	Three	Single	Three	Single	Three
Voltage	V	230	400	230	400	230	400
Frequency	Hz	50					
Max. Pressure	MPa	0.8 (Available for 1.0 Mpa)					
Free Air Delivery (50 Hz)	L/min	20		42		85	
Noise Level (50 Hz)	dB (A)	53		56		59	
Dimensions (W x L x H)	mm	234 x 152 x 220		286 x 170 x 235		430 x 170 x 235	
Weight	kg	7		10		18	
Overhaul Interval	hr	8,000 (0.8 MPa operation)					

# Application Examples

## Air end

## Components

## Compressor

## Applications

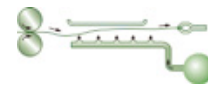
Scroll



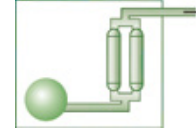
**SRL Series**  
2.2/3,7/  
5.5/7.5 kW



Motor  
V-Belt  
Air reservoir  
Tube/fitting  
Gauge  
Valve  
Piping  
Cooling  
etc.



**Sheet-Fed Printing Machines**  
Used for feeding paper and keeping sheets detached from nozzle



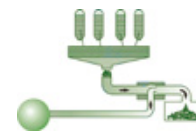
**PSA device**  
Supply compressed air to adsorption tank and generate O2 or N2 gases



**Amusement Machines**  
Making waves with compressed air



**Dental care equipment**  
Oil free air source for air-driven dental tools



**Automatic loom**  
Used for the weaving process and for dust collection

Reciprocating



**LE Series**  
0.2/0.45/  
0.75 kW



Air reservoir  
Tube/fitting  
Gauge  
Valve  
Piping  
etc.



Visit our website  
for more information.

www.hitachi-industrial.eu  
industrial@hitachi-ies.com

Niederkasseler Lohweg 191, 40547 Düsseldorf, Germany  
Tel: +49 211-5283-0  
© Hitachi Industrial Equipment Systems Europe GmbH

