



LC SERIES 44

oil-injected screw compressors



GHH RAND is one of the world's leading high-technology companies. We design and produce high quality, innovative and valuable oil-free and oil-injected compressed air solutions. GHH RAND offers a wide product range: from airends to customized compressed air systems, which always have one thing in common: the highest reliability the industry has to offer. GHH RAND covers a broad spectrum of competencies and capabilities in compressed air solutions in order to satisfy any customer's requirement.

Now GHH RAND takes compressed air to a new dimension!
We introduce Light Compressor – small screw airend LC 44 for workshops.



P a s s i o n b e y o n d c o m p r e s s i o n

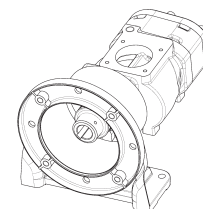
The highlights

- _ Superior performing profile
- _ Highly efficient airends
- _ Direct and belt drive
- _ Maximum Discharge pressure 14 Bar(a)
- _ Extremely quiet operation
- _ Low air discharge temperature
- _ Base plate or flange mounted
- _ Radial Air Outlet
- _ 50 and 60 Hz Operation

Airend	LC44K (50 Hz)	LC44K (60 Hz)	LC44
Power Consumption at coupling (kW)	2.83	3.40	8.58
Max Flow (m³/min)	0.239	0.291	0.935
Max Pressure (bar g)	13	13	13
Weight (kg)	11	11	11
Drive	direct	direct	direct/belt



Typ e LC 44 K



PERFORMANCE LC44K

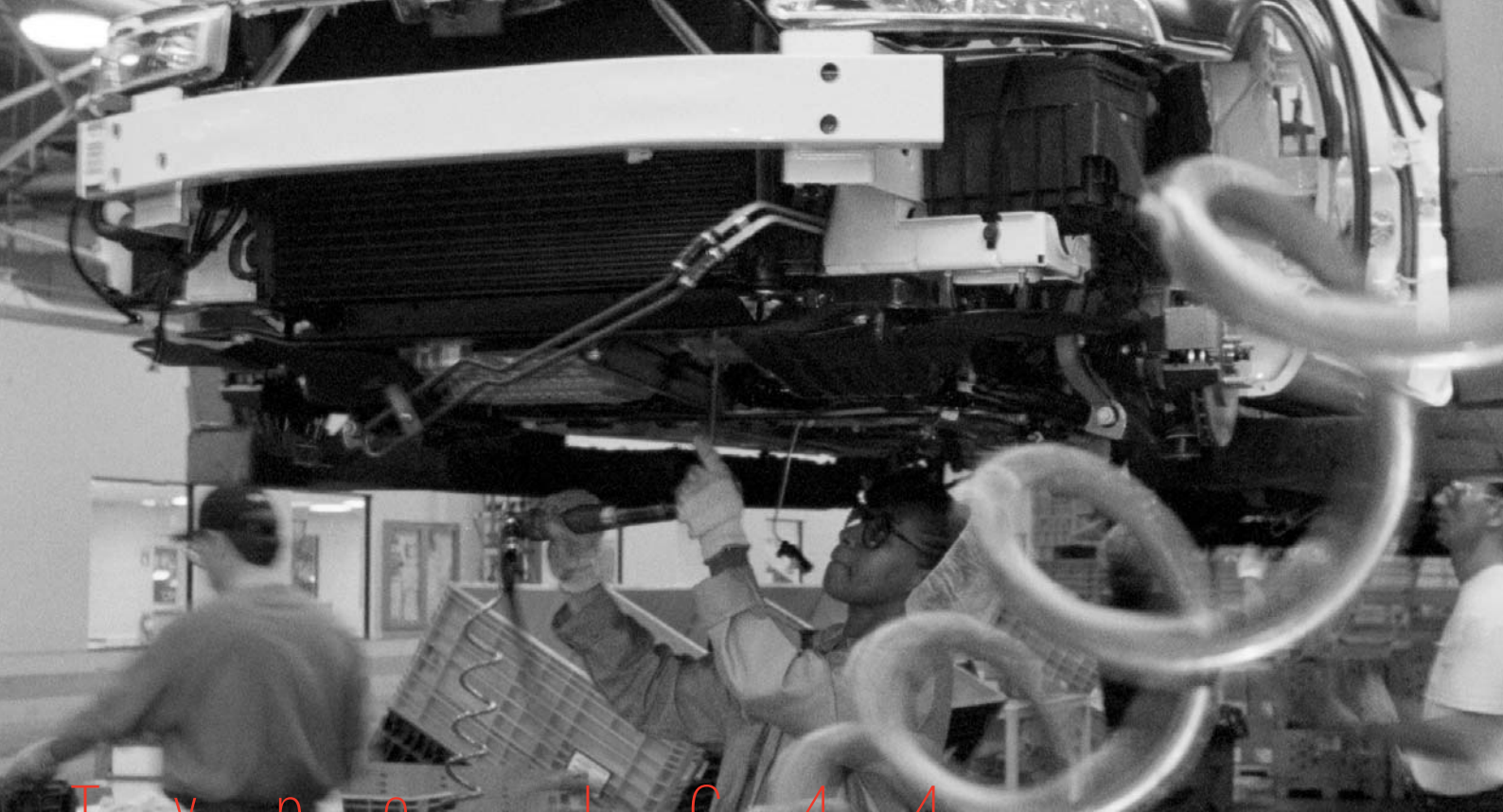
Medium	—	Air	
Relative humidity	%	60	
Suction pressure (abs.)	bar	1.0	
Suction temperature	°C	20	
Discharge temperature	°C	80	
Oil quality	—	ISO VG46	
Frequency	Hz	50	60
Male rotor speed	rpm	2 950	3 550
Male rotor tip speed	m/s	9.18	11.04
Discharge pressure (abs.)	bar	8.0	
Suction volume flow	m3/min	0.239	0,291
Power Consumption	kW	1.79	2.16
Discharge pressure (abs.)	bar	9.5	
Suction volume flow	m3/min	0.235	0,287
Power Consumption	kW	2.02	2.45
Discharge pressure (abs.)	bar	11.0	
Suction volume flow	m3/min	0.231	0.283
Power Consumption	kW	2.28	2.75
Discharge pressure (abs.)	bar	12.5	
Suction volume flow	m3/min	0.226	0.279
Power Consumption	kW	2.55	3.07
Discharge pressure (abs.)	bar	14.0	
Suction volume flow	m3/min	0.221	0.273
Power Consumption	kW	2.83	3.40

Length _281.3 mm

Width _200 mm

High _200 mm

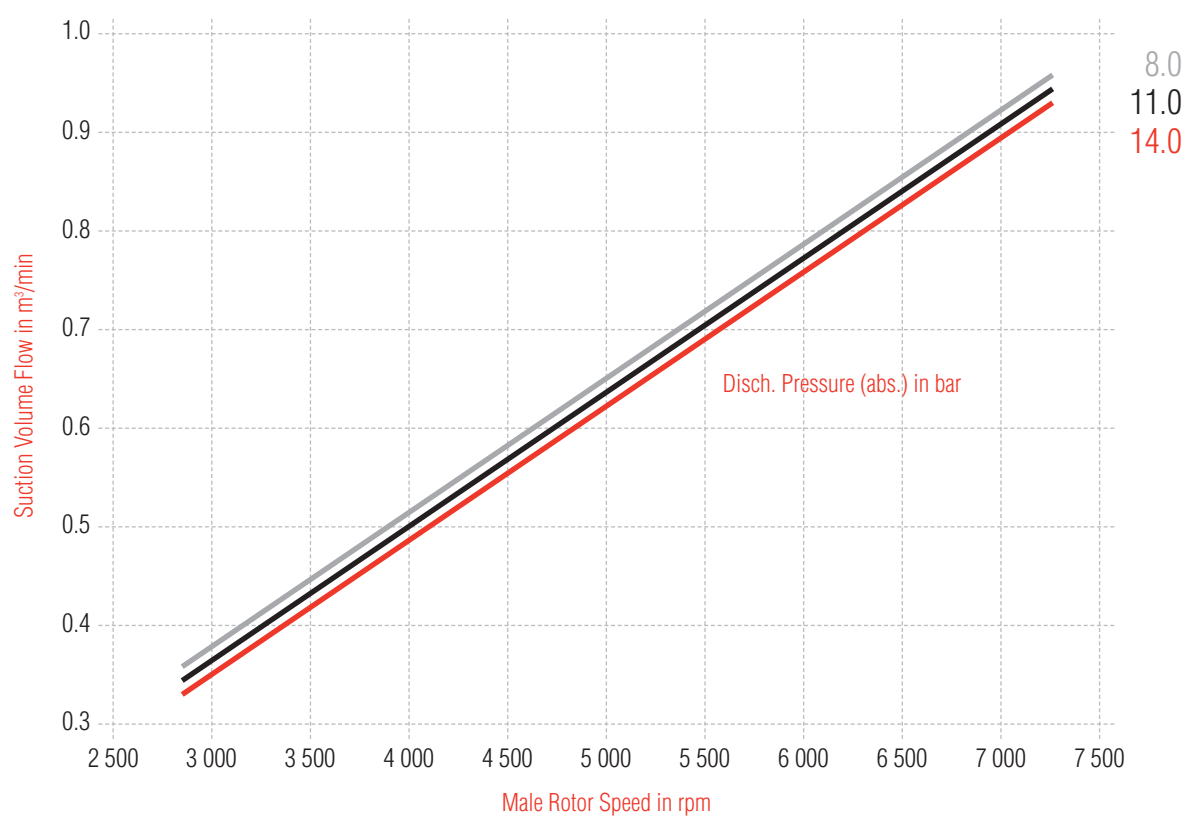
Weight _11 kg

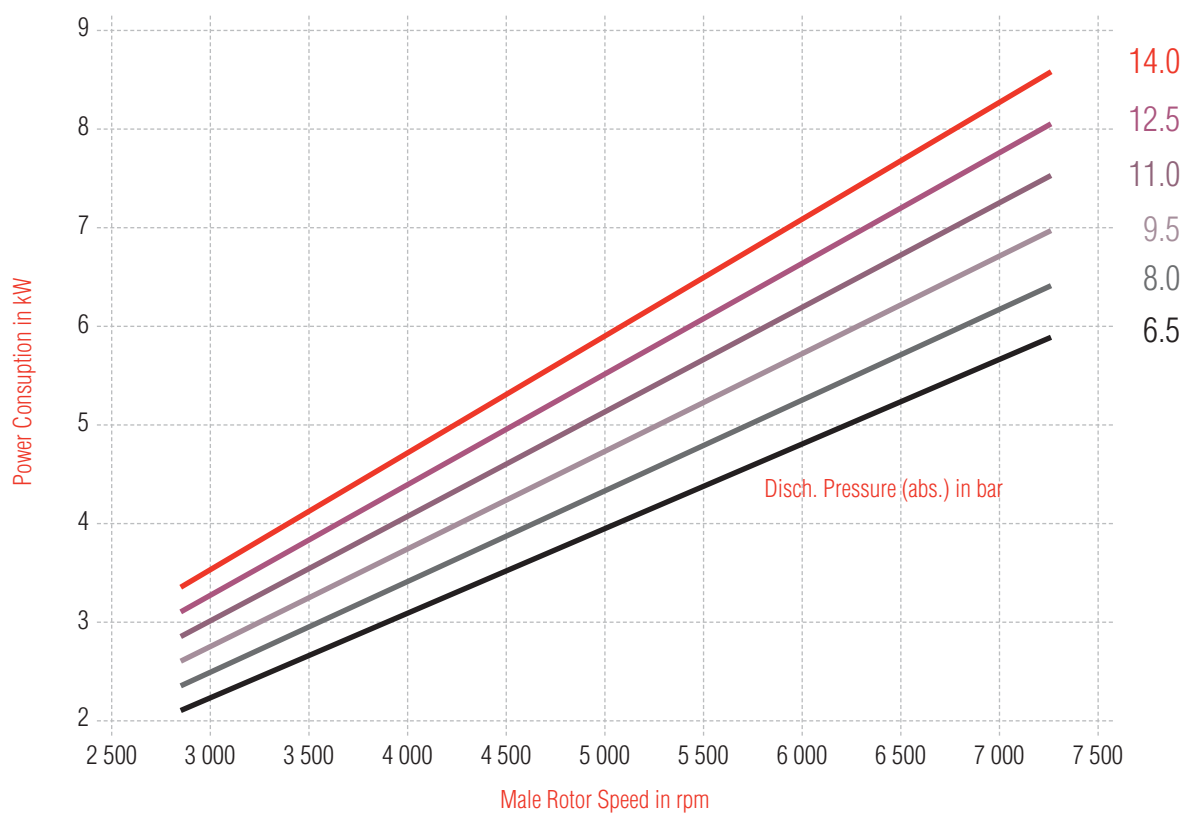
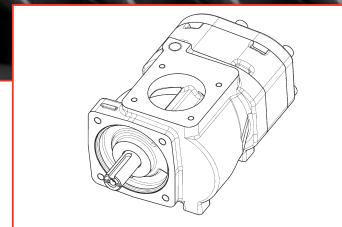


T y p e L C 4 4

PERFORMANCE LC44

Length _220.3 mm
Width _136.5 mm
 High _127.5 mm
 Weight _11 kg





GHH RAND
passion beyond compression

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