

BOGE AIR. THE AIR TO WORK.



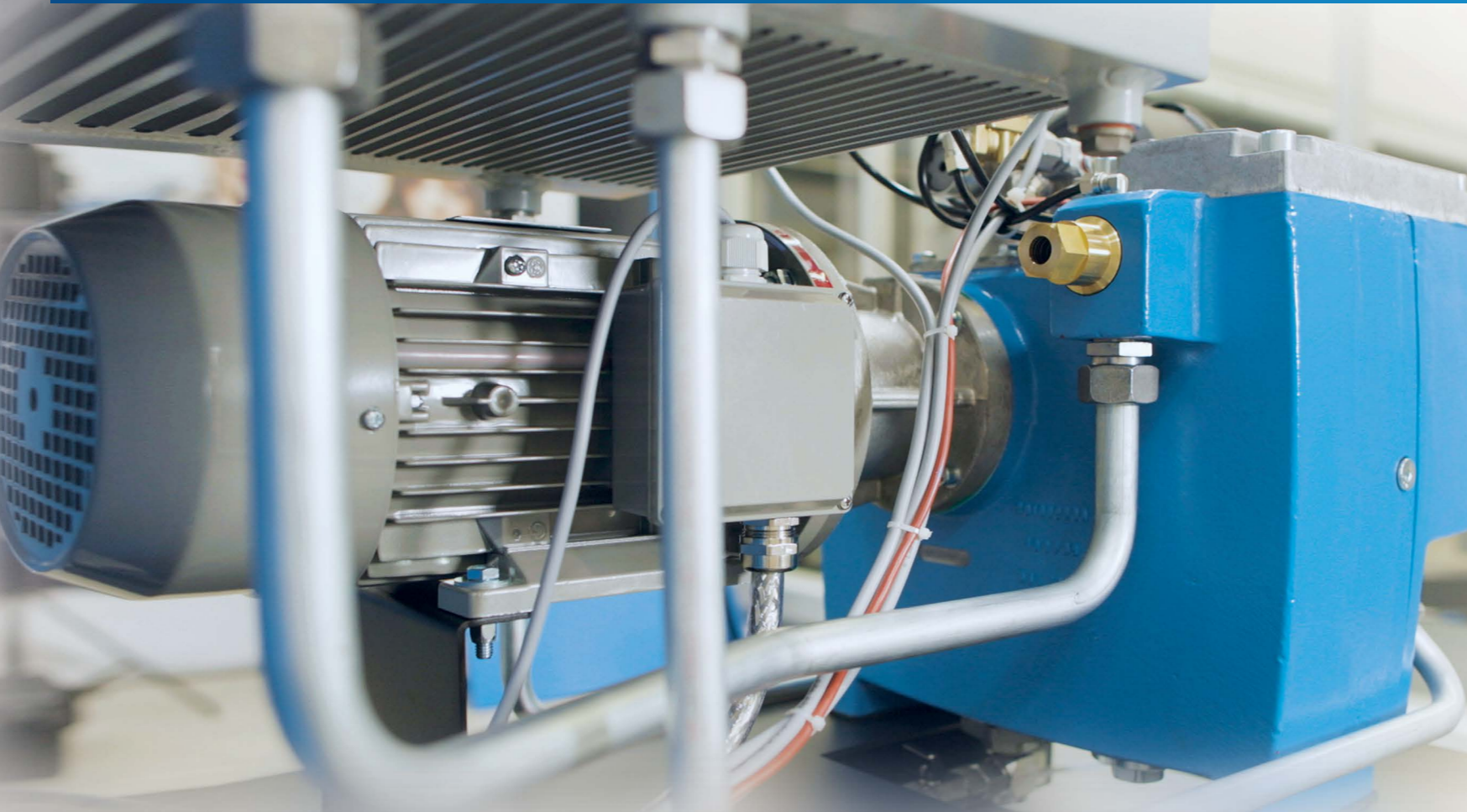
## BOGE C PM series

Best in Class



Made in Germany   
since 1907

Optimum values thanks to highly efficient permanent magnet motor



BOGE's C series has always been our customers' favourite – thanks to their modular construction, flexible expansion options and the smallest footprint in its class. BOGE has improved the C series in the performance range of 5.5 – 11 kW once more with a highly efficient permanent magnet motor which can combine improved performance levels with a pleasantly low noise level. The proverbial flexibility of the C series remains unchanged: whether dryer, receiver or high level controller – the choice remains yours!



**Optimised free air delivery**

Permanent magnet motors (PM) are not just the key to achieving lower noise emissions, they can achieve the best balance between free air delivery and efficiency: all the screw compressors in the C series with PM technology are able to produce considerably higher free air delivery using the same power consumption. Whether frequency-controlled or with direct drive, high free air delivery can be achieved in any continuous operation situation.



**Increased ease of maintenance**

There's a good reason why BOGE follows its own path: whereas many competitors' motors and airends are one single assembly, the new C series makes a clear separation between the airend and permanent magnet motor – a clear advantage when one or both of the components requires maintenance or exchange. Combined with ease of access, the result is an extremely maintenance-friendly design concept.



**Restricted energy consumption**

Practically any sector with a constant need for compressed air will benefit from lower energy consumption from the new BOGE screw compressors with permanent magnet motor. In the case of the C 9 PM – a frequency-controlled model in the 7.5 kW class – the potential energy savings are over six per cent. Especially with partial loads, all models in the C PM series show considerably improved efficiency values.



BOGE Type	Maximum pressure		Actual quantity delivered 50 Hz				Motor power		Dimensions W x D x H mm	Weight kg
	bar	psig	m³/min	cfm	m³/min (max)	cfm (max)	kW	HP		
C 7 PM	7.5	109	0.30	10.59	0.94	33.17	5.5	7.5	1,060 x 631 x 854	217
C 7 PMR	10	145	0.30	10.59	0.82	28.94	5.5	7.5	1,840 x 804 x 1,404	357
C 7 PMDR	13	189	0.32	11.29	0.68	24.00	5.5	7.5	1,990 x 804 x 1,404	395
C 9 PM	7.5	109	0.30	10.59	1.36	47.99	7.5	10	1,060 x 631 x 854	220
C 9 PMR	10	145	0.30	10.59	1.23	43.40	7.5	10	1,840 x 804 x 1,404	360
C 9 PMDR	13	189	0.32	11.29	1.02	35.99	7.5	10	1,990 x 804 x 1,404	409
C 14 PM	7.5	109	0.30	10.59	1.74	61.40	11	15	1,060 x 631 x 854	220
C 14 PMR	10	145	0.30	10.59	1.50	52.93	11	15	1,840 x 804 x 1,404	360
C 14 PMDR	13	189	0.32	11.29	1.28	45.17	11	15	1,990 x 804 x 1,404	409





**B**est  
**O**f  
**G**erman  
**E**ngineering

Customers in more than 120 countries worldwide trust the BOGE brand. Already in its fourth generation, this family-run company directs all its experience into developing innovative solutions and exceptionally efficient products for the compressed air industry.

