

Atlas Copco



PZB piston motor

An energy efficient and durable air drive unit

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Atlas Copco has been the trusted source for air drive innovation for more than 50 years. We serve a wide variety of customers across the globe, offering sustainable productivity, in an even wider array of applications.

The PZB range of piston air motors is energy efficient and has unique low speed and high starting torque features, adding value in many applications. The compact design and flange configurations make it easy to install. The PZB air motor is ATEX certified and operates without lubrication, making it ideal for white room and chemical, as well as automation and handling applications.



Automation and handling



White room and chemical industries

Industry requirements

- Low energy cost
- Clean exhaust air
- Process control
- ATEX certified



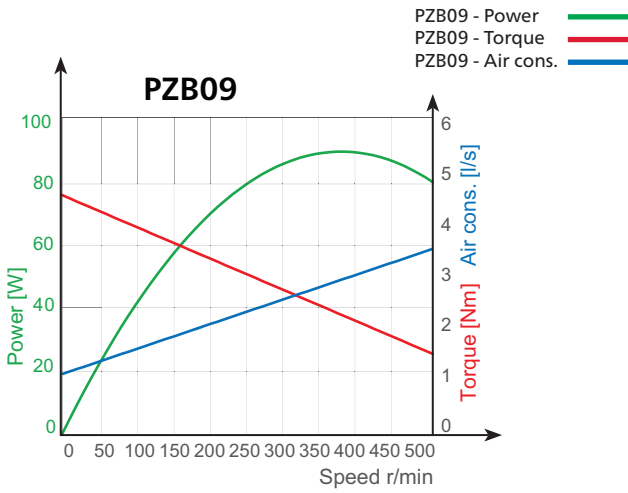
Features and benefits

- 25% more efficient
- Lubrication free
- Optimized for low speed
- Compliance with ATEX directive

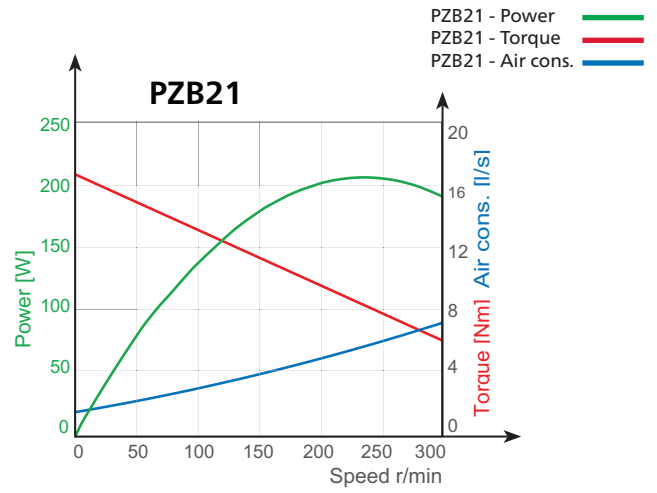
Ex II 2GD h T6 IIC T85°C



Performance data

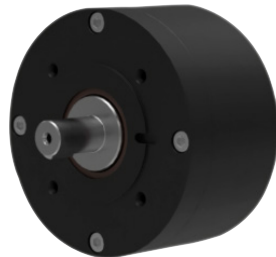


Speed r/min	Power Kw (hp)	Torque Nm (ft-Lb)	Air cons. l/s (cfm)
100	0.04 (0.05)	4 (3)	1.6 (3.4)
200	0.07 (0.09)	3.4 (2.5)	2.1 (4.4)
300	0.08 (0.11)	2.75 (2)	2.5 (5.2)
400	0.09 (0.12)	2.1 (1.6)	3 (6.3)



Speed r/min	Power Kw (hp)	Torque Nm (ft-Lb)	Air cons. l/s (cfm)
50	0.08 (0.1)	15 (11)	2.3 (4.9)
150	0.18 (0.24)	11.8 (8.7)	4 (8.5)
250	0.21 (0.28)	8.3 (6.1)	6 (12.7)
300	0.2 (0.27)	7 (5.2)	7.4 (15.7)

Models



Compact

Model	Ordering No.
PZB09-L-AR500-11	8411 4090 00
PZB21-L-AR300-11	8411 4210 00



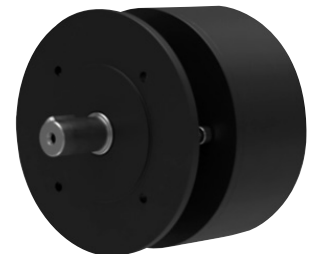
IEC-FF115/IEC-FF215

Model	Ordering No.
PZB09-L-AR500-20	8411 4090 18
PZB21-L-AR300-20	8411 4210 18



Nema 56C

Model	Ordering No.
PZB09-L-AR500-21	8411 4090 26
PZB21-L-AR300-21	8411 4210 26



Bearing flange

Model	Ordering No.
PZB09-LE-AR 500-20	8411 4090 34
PZB21-LE-AR 500-20	8411 4210 34

