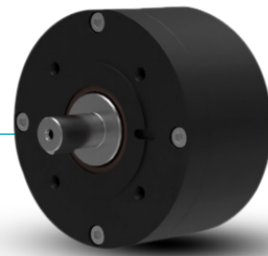


# Piston motors

## PZB09, PZB15, PZB21

0.09 - 0.21 kw

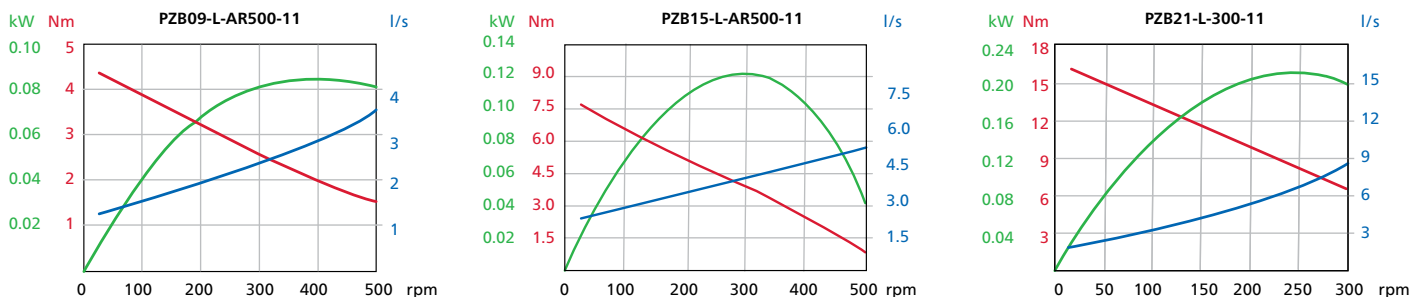
0.12 - 0.28 hp



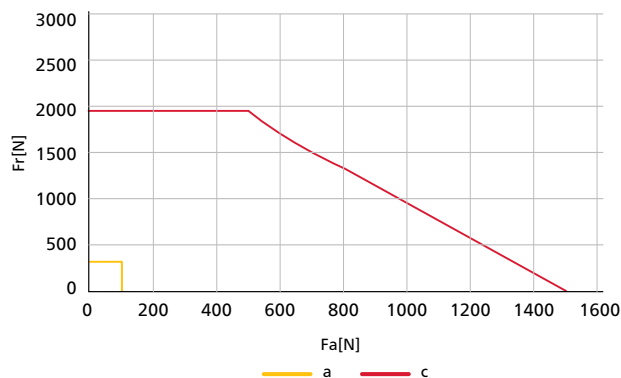
| Model<br>Lubricated | Max<br>output |      | Speed<br>at max<br>output |  | Torque<br>at max<br>output |       | Min<br>starting<br>torque |       | Stall<br>torque |       | Max<br>allowed<br>speed* |  | Air<br>consumption<br>at max<br>output |      | Weight |      | Shaft<br>loading<br>code | IP Clas | ATEX code                   | Ordering No. |
|---------------------|---------------|------|---------------------------|--|----------------------------|-------|---------------------------|-------|-----------------|-------|--------------------------|--|----------------------------------------|------|--------|------|--------------------------|---------|-----------------------------|--------------|
|                     | kW            | hp   | r/min                     |  | Nm                         | lb-ft | Nm                        | lb-ft | Nm              | lb-ft | r/min                    |  | l/s                                    | cfm  | kg     | lb   |                          |         |                             |              |
| PZB09-L-AR500-11    | 0.09          | 0.12 | 379                       |  | 2.27                       | 1.67  | 4.5                       | 3.3   | 4.53            | 3.34  | 500                      |  | 3.0                                    | 6.3  | 1.2    | 2.64 | a                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4090 00 |
| PZB09-L-AR500-20    | 0.09          | 0.12 | 379                       |  | 2.27                       | 1.67  | 4.5                       | 3.3   | 4.53            | 3.34  | 500                      |  | 3.0                                    | 6.3  | 1.2    | 2.64 | a                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4090 18 |
| PZB09-L-AR500-21    | 0.09          | 0.12 | 379                       |  | 2.27                       | 1.67  | 4.5                       | 3.3   | 4.53            | 3.34  | 500                      |  | 3.0                                    | 6.3  | 1.2    | 2.64 | a                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4090 26 |
| PZB09-LE-AR500-11   | 0.09          | 0.12 | 379                       |  | 2.27                       | 1.67  | 4.5                       | 3.3   | 4.53            | 3.34  | 500                      |  | 3.0                                    | 6.3  | 1.2    | 2.64 | c                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4090 34 |
| PZB09-L-AR500-22    | 0.09          | 0.12 | 379                       |  | 2.27                       | 1.67  | 4.5                       | 3.3   | 4.53            | 3.34  | 500                      |  | 3.0                                    | 6.3  | 1.2    | 2.64 | a                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4090 67 |
| PZB15-L-AR500-11    | 0.12          | 0.16 | 297                       |  | 3.93                       | 2.9   | 9.0                       | 6.6   | 7.87            | 5.80  | 500                      |  | 4.3                                    | 9.1  | 1.4    | 3.08 | a                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4150 00 |
| PZB15-L-AR500-20    | 0.12          | 0.16 | 297                       |  | 3.93                       | 2.9   | 9.0                       | 6.6   | 7.87            | 5.80  | 500                      |  | 4.3                                    | 9.1  | 1.4    | 3.08 | a                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4150 18 |
| PZB15-L-AR500-21    | 0.12          | 0.16 | 297                       |  | 3.93                       | 2.9   | 9.0                       | 6.6   | 7.87            | 5.80  | 500                      |  | 4.3                                    | 9.1  | 1.4    | 3.08 | a                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4150 26 |
| PZB15-L-AR500-22    | 0.12          | 0.16 | 297                       |  | 3.93                       | 2.9   | 9.0                       | 6.6   | 7.87            | 5.80  | 500                      |  | 4.3                                    | 9.1  | 1.4    | 3.08 | a                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4150 67 |
| PZB21-L-AR300-11    | 0.21          | 0.28 | 242                       |  | 8.26                       | 6.09  | 20.0                      | 14.8  | 16.52           | 12.18 | 300                      |  | 6.0                                    | 12.8 | 3.5    | 7.71 | b                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4210 00 |
| PZB21-L-AR300-20    | 0.21          | 0.28 | 242                       |  | 8.26                       | 6.09  | 20.0                      | 14.8  | 16.52           | 12.18 | 300                      |  | 6.0                                    | 12.8 | 3.5    | 7.71 | b                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4210 18 |
| PZB21-L-AR300-21    | 0.21          | 0.28 | 242                       |  | 8.26                       | 6.09  | 20.0                      | 14.8  | 16.52           | 12.18 | 300                      |  | 6.0                                    | 12.8 | 3.5    | 7.71 | b                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4210 26 |
| PZB21-LE-AR300-11   | 0.21          | 0.28 | 242                       |  | 8.26                       | 6.09  | 20.0                      | 14.8  | 16.52           | 12.18 | 300                      |  | 6.0                                    | 12.8 | 3.5    | 7.71 | d                        | 65      | Ex II 2GD h T6 IIC T85 °C X | 8411 4210 34 |

\* Motor without restrictor plates in the air in- and outlet, the motors should not be run above max allowed speed.

PZB 09-21 : Performance curves at air pressure 6.3 bar (91 psi) and Shaft load curves

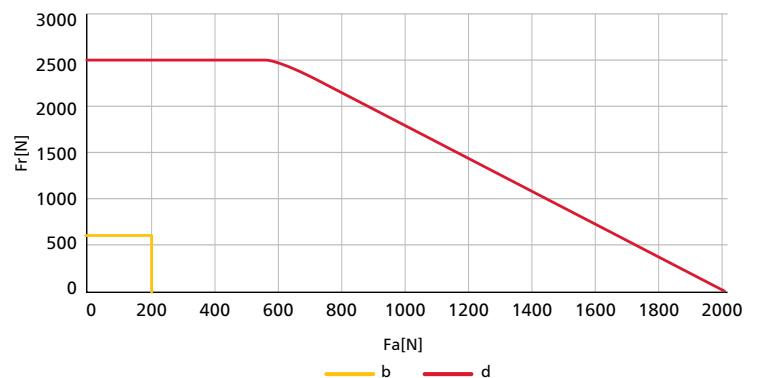


PZB09 and PZB15



a c

PZB21



b d

