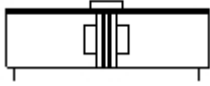


## DGPL-12--P-A-KF-B

### Linear drive

| Feature                                    | Data/description   |
|--|--|
| Mode of operation                          | double-acting  |
| Piston diameter                            | 12 mm  |
| Stroke                                     | 10,000 - 1.500,000 mm  |
| Ambient temperature                        | -10 - 60 °C  |
| Pneumatic connection                       | M5   |
| Position detection                         | with proximity sensor  |
| Cushioning                                 | Flexible cushioning rings or plates at both ends (P)               |
| Assembly position                          | Any  |
| Operating pressure                         | 2,500 - 8,000 bar  |
| alternative connections                    | See product drawing  |
| Moving mass                                | 200,000 g  |
| Basic weight for 0 mm stroke               | 440,000 g  |
| Moving mass with 0 mm stroke               | 200,000 g  |
| Additional mass factor per 10 mm of stroke | 14,000 g   |
| Theoretical force at 6 bar, advance stroke | 68,000 N   |
| Theoretical force at 6 bar, return stroke  | 68,000 N   |
| Operating medium                           | Compressed air, filtered, unlubricated<br>Filtered, lubricated air |
| Corrosion resistance classification CRC    | 0  |
| Driver principle                           | positive-locking (slot)  |
| Protection against torque/guide            | Guide rail with slide<br>with ball-bearing guide                   |
| Materials information for cover            | Aluminium casting<br>coated  |



## DGPL-12--P-A-KF-B

### Linear drive

| Feature                         | Data/description      |
|---------------------------------|-----------------------|
| Materials information, housing  | Aluminium<br>Anodised |
| Materials information for seals | NBR<br>TPE-U(PU)      |