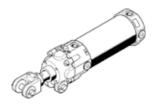
## hinge cylinder DFAW-63-150-CRB5-PPSA Part number: 2885049 Product to be discontinued

Type to be discontinued. Available until 2019. See Support Portal for alternative products.





## **Data sheet**

| Feature                                    | Value  |
|--|--|
| Stroke                                     | 75 mm  |
| Piston diameter                            | 63 mm  |
| Width of rod clevis                        | 19.5 mm  |
| Width of swivel mounting                   | 19.5 mm  |
| Cushioning                                 | PPS: Self-adjusting pneumatic end-position cushioning            |
| Assembly position                          | Any  |
| Design structure                           | Piston   |
|  | Piston rod with rod clevis                                       |
|  | Swivel mounting on bearing cap                                   |
|  | Cylinder barrel  |
| Speed regulation                           | Integrated flow control valves on both sides                     |
| Position detection                         | For proximity sensor   |
| Piston-rod end                             | Male thread with rod clevis                                      |
| Operating pressure                         | 2 10 bar   |
| Mode of operation                          | double-acting  |
| Operating medium                           | Compressed air in accordance with ISO8573-1:2010 [7:4:4]         |
| Note on operating and pilot medium         | Lubricated operation possible (subsequently required for further |
|  | operation)   |
| Corrosion resistance classification CRC    | 0 - No corrosion stress  |
| Ambient temperature                        | -10 60 °C  |
| Cushioning length                          | 24 mm  |
| Theoretical force at 6 bar, return stroke  | 1,682 N  |
| Theoretical force at 6 bar, advance stroke | 1,870 N  |
| Moving mass with 0 mm stroke               | 717 g  |
| Additional weight per 10 mm stroke         | 39 g   |
| Basic weight for 0 mm stroke               | 4,090 g  |
| Additional mass factor per 10 mm of stroke | 25 g   |
| alternative connections                    | See product drawing  |
| Mounting type                              | With swivel mounting on bearing cap                              |
|  | with accessories   |
| Pneumatic connection                       | G1/4   |
| Material rod clevis                        | Aluminium die cast   |
|  | Anodised   |
| Materials note                             | Conforms to RoHS   |
| Material wiper seal                        | Bronze   |
| Material cover                             | Aluminium die cast   |
| Material seals                             | NBR  |
| Material piston rod                        | Heat-treatment steel   |
|  | hard-chromium plated   |
| Material cylinder barrel                   | Wrought Aluminium alloy  |
|  | Anodised   |