

## DSNU-16--P-A-S3

Standard cylinder

Data sheet

Part no.: 34243

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| Feature                                 | Data/description                                 |
|---|--|
| Mode of operation                       | <b>Double acting</b>                             |
| Shape piston                            | <b>Round</b>                                     |
| Shape of piston rod                     | <b>Round</b>                                     |
| In accordance with standard ISO         | <b>ISO 6432</b>                                  |
| Sensing type                            | <b>Magnetic</b>                                  |
| Type of cushioning                      | <b>Internal cushioning ring (non-adjustable)</b> |
| Protection against torsion              | <b>None</b>                                      |
| Piston, nominal size                    | <b>16</b>  |
| X-stroke                                | <b>X</b>   |
| Min. stroke for X-stroke                | <b>1 mm</b>                                      |
| Max. stroke for X-stroke                | <b>200 mm</b>                                    |
| Piston rod diameter                     | <b>6 mm</b>                                      |
| End of piston rod                       | <b>Male thread</b>                               |
| KK Piston rod thread                    | <b>M 6</b>                                       |
| Operating pressure min.                 | <b>1 bar</b>                                     |
| Operating pressure max.                 | <b>10 bar</b>                                    |
| Minimum ambient temperature             | <b>-20 °C</b>                                    |
| Maximum ambient temperature             | <b>80 °C</b>                                     |
| Bearing cap connection type             | <b>Female thread</b>                             |
| EE Connecting thread for bearing cap    | <b>M 5</b>                                       |
| Material of cap                         | <b>Wrought aluminium alloy</b>                   |
| Material of seals                       | <b>FPM, NBR</b>                                  |
| Material of piston rod                  | <b>Stainless high-alloy steel</b>                |
| Material of barrel/housing              | <b>Stainless high-alloy steel</b>                |
| Coating of cover                        | <b>Neutral anodised</b>                          |
| Air connection type cover cap           | <b>Female thread</b>                             |
| EE Connecting thread for end cap        | <b>M 5</b>                                       |
| Effective force (theor.) at 6 bar, adv. | <b>120,6 N</b>                                   |
| Effect. force (theor.) at 6 bar, return | <b>103,7 N</b>                                   |
| Air consumption at 6 bar advance /10mm  | <b>0,013 l</b>                                   |
| Air consumption at 6 bar ret            | <b>0,0111 l</b>                                  |

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| <b>Feature</b> | <b>Data/description</b>                      |
|----------------|--|
| Medium         | <b>Dried air, lubricated or unlubricated</b> |