

## DSN-8--P-S2

Standard cylinder

Data sheet

Part no.: 6706

Page:1

Feature	Data/description
Mode of operation	<b>Double acting</b>
Shape piston	<b>Round</b>
Shape of piston rod	<b>Round</b>
based on standard	<b>ISO 6432</b>
Sensing type	<b>None</b>
Type of cushioning	<b>Internal cushioning ring (non-adjustable)</b>
Protection against torsion	<b>None</b>
Piston, nominal size	<b>8</b>
X-stroke	<b>X</b>
Min. stroke for X-stroke	<b>1 mm</b>
Max. stroke for X-stroke	<b>100 mm</b>
Piston rod diameter 1	<b>4 mm</b>
End of piston rod 1	<b>I</b>
KK Piston rod thread 1	<b>M 4</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>
Air connection type side 1	<b>Female thread</b>
EE Connector thread page 1	<b>M 5</b>
Material of cap	<b>Wrought aluminium alloy</b>
Material of seals	<b>NBR, TPE-U(PU)</b>
Material of piston rod	<b>Stainless high-alloy steel</b>
Material of barrel/housing	<b>Stainless high-alloy steel</b>
Piston rod diameter 2	<b>4 mm</b>
End of piston rod 2	<b>Male thread</b>
KK Piston rod thread 2	<b>M 4</b>
Air connection type side 2	<b>Female thread</b>
EE Connector thread page 2	<b>M 5</b>
Effective force (theor.) at 6 bar, adv.	<b>22,6 N</b>
Effect. force (theor.) at 6 bar, return	<b>22,6 N</b>

**DSN-8--P-S2**

Standard cylinder

Data sheet

Part no.: 6706

Page:2

<b>Feature</b>	<b>Data/description</b>
Air consumption at 6 bar advance /10mm	<b>0,0024 l</b>
Air consumption at 6 bar ret	<b>0,0024 l</b>
Medium	<b>Dried air, lubricated or unlubricated</b>