

## Interchange Element Data Sheet

Data sheet created using the Parker Par Fit Toolkit software.

|                        |              |
|------------------------|--------------|
| <b>Creation Date:</b>  | 17-12-2018   |
| <b>Datasheet No:</b>   | DS1409W      |
| <b>Parker Part No:</b> | 940516Q      |
| <b>OEM:</b>            | DIN Standard |
| <b>OEM Part No:</b>    | DIN0100D02QV |

### Product Dimensions

|               |       |               |      |
|---------------|-------|---------------|------|
| <b>A (mm)</b> | 45.0  | <b>(inch)</b> | 1.77 |
| <b>B (mm)</b> | 22.2  | <b>(inch)</b> | 0.87 |
| <b>D (mm)</b> | 45.0  | <b>(inch)</b> | 1.77 |
| <b>E (mm)</b> | 250.0 | <b>(inch)</b> | 9.84 |



### Construction Materials

|                                |  |
|--------------------------------|--|
| <b>Seal(s):</b>                | FPM: Fluoroelastomer                                 |
| <b>Top Endcap:</b>             | Mild steel tin plated                                |
| <b>Bottom Endcap:</b>          | Mild steel tin plated                                |
| <b>Inner Support Cylinder:</b> | Mild steel tin plated                                |
| <b>Filter Media:</b>           | Multilayer fibreglass with coated mesh on both sides |

### Calculated Performance Criteria

|   |  |
|---|--|
| <b>Differential Pressure (<math>\Delta p</math>):</b> | 0.65 bar @ 100 l/min   |
| <b>Tested to ISO3968 @ 32 cSt</b>                     | 9.43 psi @ 22.00 gpm   |
| <b>Efficiency:</b>                                    | >Beta 200 @ N/A microns & greater<br>>Beta 1000 @ 4.5 microns & greater                |
| <b>Minimum Collapse Pressure:</b>                     | >20 bar  |
| <b>Tested to ISO2941</b>                              | >290 psi   |
| <b>Dirt Holding Capacity acc. to ISO16889</b>         | 20.6 gram @ 7 bar terminal pressure drop<br>20.6 gram @ 102 psi terminal pressure drop |