

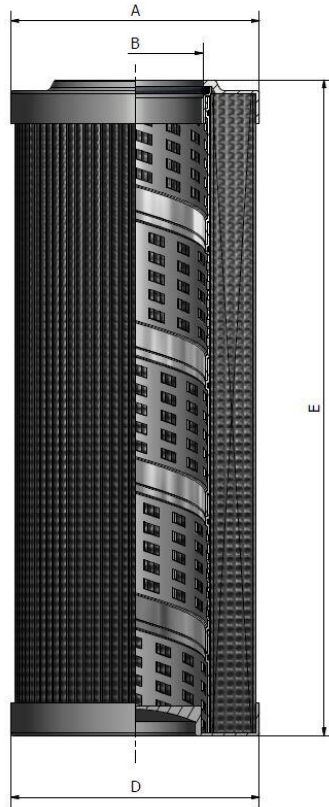
## Interchange Element Data Sheet

Data sheet created using the Parker Par Fit Toolkit software.

|                        |               |
|------------------------|---------------|
| <b>Creation Date:</b>  | 03/08/2018    |
| <b>Datasheet No:</b>   | DS546W        |
| <b>Parker Part No:</b> | PR3094Q       |
| <b>OEM:</b>            | Hydac         |
| <b>OEM Part No:</b>    | 0110D005BH3HC |

### Product Dimensions

|               |       |               |      |
|---------------|-------|---------------|------|
| <b>A (mm)</b> | 47.0  | <b>(inch)</b> | 1.85 |
| <b>B (mm)</b> | 22.2  | <b>(inch)</b> | 0.87 |
| <b>D (mm)</b> | 47    | <b>(inch)</b> | 1.85 |
| <b>E (mm)</b> | 152.0 | <b>(inch)</b> | 5.98 |



### Construction Materials

|                                |   |
|--------------------------------|---|
| <b>Seal(s):</b>                | FPM: Fluoroelastomer  |
| <b>Top Endcap:</b>             | Steel tin plated  |
| <b>Bottom Endcap:</b>          | Steel tin plated  |
| <b>Inner Support Cylinder:</b> | Mild steel tin plated   |
| <b>Filter Media:</b>           | Multilayer fibreglass with coated mesh on the inflow side and stainless steel mesh on the outlet side |

### Calculated Performance Criteria

|   |  |
|---|--|
| <b>Differential Pressure (<math>\Delta p</math>):</b> | 0.52 bar @ 55 l/min  |
| <b>Tested to ISO3968 @ 32 cSt</b>                     | 7.54 psi @ 12.10 gpm   |
| <b>Efficiency:</b>                                    | >Beta 200 @ 6 microns & greater<br>>Beta 1000 @ 7 microns & greater                      |
| <b>Minimum Collapse Pressure:</b>                     | >210 bar   |
| <b>Tested to ISO2941</b>                              | >3046 psi  |
| <b>Dirt Holding Capacity acc. to ISO16889</b>         | >14.5 gram @ 7 bar terminal pressure drop<br>>14.5 gram @ 102 psi terminal pressure drop |