

## 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>	DS506W
<b>Parker Part No:</b>	PR3036Q
<b>OEM:</b>	Hydac
<b>OEM Part No:</b>	0030D005BH3HC

### Product Dimensions

<b>A (mm)</b>	35.0	<b>(inch)</b>	1.38
<b>B (mm)</b>	12.8	<b>(inch)</b>	0.50
<b>D (mm)</b>	35.0	<b>(inch)</b>	1.38
<b>E (mm)</b>	94.0	<b>(inch)</b>	3.70



### 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>	0.74 bar @ 30 l/min
<b>Tested to ISO3968 @ 32 cSt</b>	10.73 psi @ 6.60 gpm
<b>Efficiency:</b>	>Beta 200 @ 6 microns & greater >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>	>4.4 gram @ 7 bar terminal pressure drop >4.4 gram @ 102 psi terminal pressure drop