

## Interchange Element Data Sheet

Data sheet created using the Parker Par Fit Toolkit software.

**Creation Date:** 17-12-2018

**Datasheet No:** DS596W

**Parker Part No:** 937081Q

**OEM:** Hydac

**OEM Part No:** 0500D020BH3HC

### Product Dimensions

<b>A (mm)</b>	90.5	<b>(inch)</b>	3.56
<b>B (mm)</b>	48.2	<b>(inch)</b>	1.90
<b>D (mm)</b>	90.5	<b>(inch)</b>	3.56
<b>E (mm)</b>	252.0	<b>(inch)</b>	9.92



### 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

**Differential Pressure ( $\Delta p$ ):** 0.38 bar @ 600 l/min  
**Tested to ISO3968 @ 32 cSt** 5.51 psi @ 131.98 gp

**Efficiency:** >Beta 200 @ 20 microns & greater  
 >Beta 1000 @ 22 microns & greater

**Minimum Collapse Pressure:** >210 bar  
**Tested to ISO2941** >3046 psi

**Dirt Holding Capacity acc. to ISO16889**  
 >68.0 gram @ 7 bar terminal pressure drop  
 >68.0 gram @ 102 psi terminal pressure drop