

Interchange Element Data Sheet

Data sheet created using the Parker Par Fit Toolkit software.

Creation Date:	05/09/2018
Datasheet No:	
Parker Part No:	FDBE1A10QH
OEM:	Parker Original
OEM Part No:	FDB-1

Product Dimensions

A (mm)	80.0	(inch)	3.15
B (mm)	40.2	(inch)	1.58
D (mm)	80.0	(inch)	3.15
E (mm)	160.0	(inch)	6.30



Construction Materials

Seal(s):	NBR: Nitrile
Top Endcap:	Mild steel tin plated
Bottom Endcap:	Mild steel tin plated
Inner Support Cylinder:	Mild steel tin plated
Filter Media:	Multilayer fiberglass with coated mesh on the inflow side and stainless steel mesh on the outlet side

Calculated Performance Criteria

Differential Pressure (Δp):	0.67 bar @ 160 l/min
Tested to ISO3968 @ 32 cSt	9.72 psi @ 35.20 gpm
Efficiency	>Beta 200 @ 10 microns & greater >Beta 1000 @ microns & greater
Minimum Collapse Pressure:	>210 bar
Tested to ISO2941	>3045 psi
Dirt Holding Capacity acc. to ISO16889	25.6 gram @ 7 bar terminal pressure drop 25.6 gram @ 102 psi terminal pressure drop