

Interchange Element Data Sheet

Data sheet created using the Parker Par Fit Toolkit software.

Creation Date:	17-12-2018
Datasheet No:	DS1411W
Parker Part No:	PR4531Q
OEM:	DIN Standard
OEM Part No:	DIN0100D10QV

Product Dimensions

A (mm)	45.0	(inch)	1.77
B (mm)	22.2	(inch)	0.87
D (mm)	45.0	(inch)	1.77
E (mm)	250.0	(inch)	9.84



Construction Materials

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

Calculated Performance Criteria

Differential Pressure (Δp):	0.26 bar @ 100 l/min
Tested to ISO3968 @ 32 cSt	3.77 psi @ 22.00 gpm
Efficiency:	>Beta 200 @ 10 microns & greater >Beta 1000 @ 12 microns & greater
Minimum Collapse Pressure:	>20 bar
Tested to ISO2941	>290 psi
Dirt Holding Capacity acc. to ISO16889	16.3 gram @ 7 bar terminal pressure drop 16.3 gram @ 102 psi terminal pressure drop