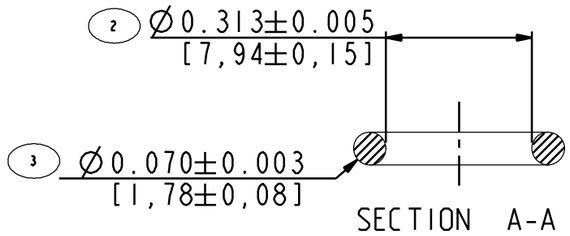
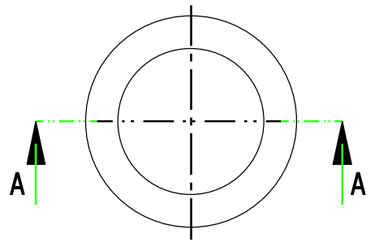
DRG.No.	F01168	FRAME SIZE:A3	DO NOT SCALE

REV	DETAILS	ECN No.	DATE	DRN	CHK
A	FIRST ISSUE.	PH10_030	03-Dec-09	MH	DS





NOTES: UNLESS OTHERWISE SPECIFIED:

1 1. MATERIAL SPECIFICATION :

PARKER COMPOUND : VW263-75 (LOW TEMPERATURE FKM FOR BIO-DIESEL)

ASTM D2000 M2HK707Z1Z2Z3Z4Z5
Z1 = ORIGINAL DUROMETER 75 ± 5 SHORE A POINTS
Z2 = COLOUR, BROWN
Z3 = COMPRESSION SET (D395B), 70Hrs @ 200°C, 40% Max
Z4 = DIESEL FUEL RESISTANCE (D471), 1000Hrs @ 125°C WITH FUEL CHANGES EVERY 168Hrs
ULTRA LOW SULFUR DIESEL (15 PPM SULFUR), B20 (20% RME BIO-DIESEL / 80% ULSD), AND B100 (100 RME BIO-DIESEL)

HARDNESS CHANGE, Pts.	±10
TENSILE CHANGE, %	-25 Max
ELONGATION CHANGE, %	-40 Max
VOLUME CHANGE, %	+10 Max
COMPRESSION SET, % (3.53mm c/s O-RING)	50 Max
SURFACE CONDITION, 180° BEND	NO CRACKS, NO BLISTERS

Z5 = LOW TEMPERATURE RESISTANCE (D1329), TEMPERATURE OF RETRACTION, TR-10 -25°C OR COLDER

4 2. PART TO BE SUPPLIED CLEAN & FREE FROM FLASH,PARTING LINES AND SURFACE DEFECTS, SUITABLY PACKED TO PREVENT PROCESS AND HANDLING DAMAGE

3. TEMPERATURE RANGE -40°C - +150°C

4. O-RING MUST CONFORM TO RMA GUIDELINES.

5. DUAL DIMENSIONING SCHEME USED - IMPERIAL [METRIC]

NOMINAL VALUE	um	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5
	u	4	8	16	32	63	125	250	500
ROUGHNESS No.		N3	N4	N5	N6	N7	N8	N9	N10

OLD PART NUMBER WAS: SK2742-4 & F00918

PROJECT CODE: P01120

MATERIAL: SEE NOTES

FINISH:

RACOR FILTER DIVISION EUROPE

TITLE: O-RING PURGE AXIAL SEAL

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND IS SUBMITTED IN CONFIDENCE AND SUBJECT TO RETURN UPON REQUEST AND UPON THE CONDITION THAT THE INFORMATION CONTAINED HEREIN WILL NOT BE USED IN ANYWAY DETRIMENTAL TO THE INTEREST OF PARKER HANNIFIN PLC.

DRAWN	MH	DATE	03-Dec-09	DRG.No.	F01168
CHKD	DS	DATE	03-Dec-09		
APVD	IC	DATE	03-Dec-09		
SCALE	3:1	FRAME SIZE:A3		SHT.No. 1 of 1	REVISION A

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FIRST ANGLE PROJECTION

REVISE ONLY ON PRO/E SYSTEM

UNLESS OTHERWISE STATED:
ALL DIMENSIONS ARE IN MILLIMETRES
TOLERANCE ON ALL LINEAR DIMENSIONS ±0.2
TOLERANCE ON ALL ANGULAR DIMENSIONS ±1°
REMOVE ALL BURRS AND SHARP CORNERS
SURFACE FINISH 1.6