

Datasheet

Nitrile Rubber Seal, 22.7mm Bore, 30mm Outside Diameter, -10 to +80°C

RS Stock number 689-568



Description:

These seals comprise a metal annulus to which a medium nitrile elastomeric ring of trapezoidal cross-section is bonded. They provide high and low pressure sealing for ports on fluid systems where mineral based hydraulic fluids or mineral based engine lubricating oils are present.

Available in both metric and BSP-based Imperial sizes

Hardness: 1 RHD 85-95

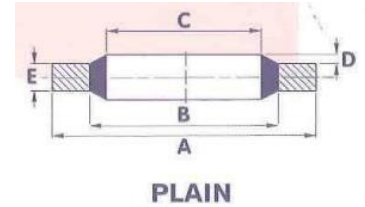
Temperature range: -30°C to +110°C

Note: The width (or thickness) quoted for the self-centralising bonded washers relates to the thickness of the fibre part of the washer.

Specifications

Inside Diameter:	22.7mm
Material:	Nitrile Rubber
Maximum Operating Temperature:	+80°C
Minimum Operating Temperature:	-10°C
Outside Diameter:	30mm
Thickness:	2mm
Type:	Bonded Seal

REFERENCE	THREAD SIZE	A +0.13 -0.00	B +0.10 -0.10	C +0.10 -0.10	D +0.25 -0.00	E +0.15 -0.15	APPROX BURST PRESSURE (BAR)	
	3.5	7.20	5.20	4.10	0.30	1.00	1600	
	4	7.00	5.40	4.50			1250	
	5	9.00	6.80	5.70			1400	
	5	10.00	7.40	5.70			1500	
	5.5	9.20	7.20	6.20			1220	
	6	10.00	8.00	6.70			1130	
	6	11.00	8.20	6.70			1510	
	6	11.00	8.20	6.70			1480	
	6.5	12.00	8.80	7.10		1560		
	6.7	10.20	8.60	7.30		1330		
	8	13.40	9.40	8.50		1780		
	8	13.00	10.00	8.70		1330		
	8	14.00	10.40	8.70		1550		
	8	16.00	10.40	8.70		2150		
	8.5	13.30	10.50	9.30		1200		
	10	15.88	12.00	10.35		2.00	1450	
689-524	10	16.00	12.40	10.70	0.40	1.50	1350	
	10	18.00	12.40	10.70			1880	
	11	16.30	12.70	11.40			1250	
	11	18.50	13.70	11.80			1540	
	11	19.10	13.50	11.80			1770	
689-530	12	18.00	14.30	12.70			1250	
	12	20.00	14.40	12.70			1680	
	13	20.00	15.40	13.70			1340	
	13	22.00	15.40	13.70			1810	
	13.5	18.70	15.70	14.00			900	
	14	22.00	16.40	14.70			1510	
	15	22.70	17.78	16.00			1260	
689-546	16	24.00	18.40	16.70			1400	
	17	24.00	19.20	17.40			1150	
	17.5	24.70	20.10	18.00			1070	
689-552	18	26.00	20.40	18.70			1275	
	20	28.00	22.50	20.70	1150			
	21	28.70	23.30	21.50	2.50	1080		
	22	28.00	24.20	22.50	1.50	760		
689-568	22	30.00	24.40	22.70	2.00	1100		
	22	30.00	24.40	22.70	3.00	1080		
	24	32.00	26.40	24.70	2.00	1050		
	26	35.00	28.40	26.70		1050		
	27	36.00	29.00	27.20		1130		
	28	37.00	30.40	28.70		1000		
	30	39.00	33.00	31.00		860		
	33	42.00	35.80	33.70		900		
	33	43.00	36.40	34.30		880		
	36	46.00	38.80	36.70		880		
	39	51.00	41.90	40.00		2.50	1020	
	42	53.00	44.40	42.70		3.00	940	
	48	59.00	50.80	48.70			800	
	51	60.00	54.10	52.00			540	
	52	64.50	56.40	59.09			710	
	60	73.00	63.00	60.70			780	
	68	79.50	72.10	68.60			3.50	510
	75	90.30	79.10	76.08			3.38	700
	88	101.35	92.10	89.09	3.25		510	
	125	143.67	132.70	127.00	5.00	420		



PLAIN