



## 波形弹簧式机械密封 Component seal series ( Wave spring type seals)

	1		2		3		4		5	6	7	8
	Size (d)		D3		D7		L3					
	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch		
A	15.8	0.625	27.0	1.063	28.5	1.125	19.1	0.750	6.3	0.250		
	16.0	0.630	27.0	1.063	28.5	1.125	19.1	0.750	6.3	0.250		
	19.1	0.750	30.0	1.181	31.7	1.250	19.1	0.750	6.3	0.250		
	24.0	0.945	34.1	1.343	35.4	1.396	19.1	0.750	7.6	0.300		
	28.0	1.102	40.0	1.575	42.0	1.654	19.1	0.750	7.6	0.300		
B	28.6	1.125	39.5	1.555	41.2	1.625	19.1	0.750	7.6	0.300		
	30.0	1.181	41.0	1.614	42.7	1.681	19.1	0.750	7.6	0.300		
	31.7	1.250	42.4	1.669	44.2	1.742	19.1	0.750	7.6	0.300		
	32.0	1.260	42.4	1.669	44.4	1.750	19.1	0.750	7.6	0.300		
	35.0	1.375	45.5	1.791	47.6	1.875	19.1	0.750	7.6	0.300		
	38.0	1.500	51.8	2.039	53.9	2.125	21.1	0.831	8.1	0.319		
C	44.4	1.750	58.2	2.291	60.3	2.375	21.1	0.831	8.1	0.319		
	47.6	1.875	61.4	2.417	63.5	2.500	21.1	0.831	8.1	0.319		
	50.0	1.969	61.9	2.437	63.9	2.518	21.1	0.831	8.1	0.319		
	50.8	2.000	64.6	2.543	66.6	2.625	22.1	0.870	9.6	0.378		
	53.9	2.215	71.0	2.795	73.0	2.875	22.1	0.870	9.6	0.378		
	54.0	2.215	71.0	2.795	73.9	2.911	22.1	0.870	9.6	0.378		
D	54.6	2.150	72.0	2.835	75.0	2.953	22.1	0.870	9.6	0.378		
	55.0	2.165	72.0	2.835	75.0	2.953	22.1	0.870	9.6	0.378		
	63.0	2.480	79.3	3.122	83.0	3.268	25.8	1.016	9.1	0.358		
	63.5	2.500	79.3	3.122	88.9	3.500	25.8	1.016	9.1	0.358		
	69.8	2.750	88.9	3.500	95.2	3.750	25.8	1.016	9.1	0.358		
E	73.0	2.875	94.0	3.701	98.4	3.875	25.8	1.016	9.1	0.358		
	75.0	2.953	96.0	3.780	100.4	3.954	25.8	1.016	9.1	0.358		

**结构说明(Structure Description):**  
Equivalent to AES W01(Roten 7K,Vulcan 1688,have similar series which can replace AES W02,W03,W04  
波形弹簧密封 (Wave spring design)

**运行参数(Operating Limits):**  
温度(Temperature): -40---200°C  
线速(Speed): 18m/s  
压力(Pressure): 8bar  
标准尺寸(Standard size): 15.8 - 75mm

**常用材料组合(Material):**  
密封环(seal ring): 石墨, 碳化硅, 氧化铝 (Cer, Sic, Ssic, TC)  
辅助密封(Secondary seal): 丁腈橡胶, 乙丙橡胶, 氟橡胶等 (NBR, EPDM, Viton etc)  
弹簧材料(Spring and metal parts): 304, 316, HAST-C

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