



## K<sub>r</sub> Values From the ASME National Board Redbook Organized by Manufacturer

OSECO				BS&B				Fike				Continental				Zook				
Disk Type	K <sub>rg</sub>	K <sub>rl</sub>	K <sub>rgl</sub>	Disk Type	K <sub>rg</sub>	K <sub>rl</sub>	K <sub>rgl</sub>	Disk Type	K <sub>rg</sub>	K <sub>rl</sub>	K <sub>rgl</sub>	Disk Type	K <sub>rg</sub>	K <sub>rl</sub>	K <sub>rgl</sub>	Disk Type	K <sub>rg</sub>	K <sub>rl</sub>	K <sub>rgl</sub>	
Max Operating Pressure 50% (Fragmenting)				Max Operating Pressure 50% (Fragmenting)				Max Operating Pressure 50% (Fragmenting)				Max Operating Pressure 50% (Fragmenting)				Max Operating Pressure 50% (Fragmenting)				
GR, GRO			1.22	AV			4.35					Enviroseal			2					
Max Operating Pressure 70% (Fragmenting)				Max Operating Pressure 70% (Fragmenting)				Max Operating Pressure 70% (Fragmenting)				Max Operating Pressure 70% (Fragmenting)				Max Operating Pressure 70% (Fragmenting)				
Angle Seated				Angle Seated				Angle Seated				Angle Seated				Angle Seated				
STD			0.88	B, BR, BRR	0.71		1.47	P, CP, CPC			1.35	Standard			1.13	R-PB-R			0.92	
STDV (H3 Vac. Support)			0.66	BV, BRV, BSV, BRSV	0.8		2.45	PV, CP-C, CPV, CPV-C			3.5	Standard-V			1.88	RL-PB-LVR			5.46	
STDV			1.98					PLHOV, PLHO			5.75									
Flat Seated				Flat Seated				Flat Seated				Flat Seated				Flat Seated				
(F) STD			0.2																	
Max Operating Pressure 80% (Fragmenting)				Max Operating Pressure 80% (Fragmenting)				Max Operating Pressure 80% (Fragmenting)				Max Operating Pressure 80% (Fragmenting)				Max Operating Pressure 80% (Fragmenting)				
Angle Seated				Angle Seated				Angle Seated				Angle Seated				Angle Seated				
CO			1	D, DV, DR, DRR, DRV	1.19		1.3	HO/HOV			2.02	CDC			1.81	R-D-R			0.8	
COV (H-3 Vacuum Support)			1.22	DV, DRV, DSV, DRSV			2.6					CDCV			2.8	R-D-VR			6.21	
COV/CO			2.18									PL/PLV			5					
Flat Seated				Flat Seated				Flat Seated				Flat Seated				Flat Seated				
(F) CO			0.5					HOV Flat Seat			0.99	CDC			0.34					
(F) COV			2.37									CDCV			1.04				0.53	
												MICRO X							0.29	
												MICRO X-V			0.29				1.1	
												PL/PLV							1.6	
Max Operating Pressure 85% (Non-Fragmenting)				Max Operating Pressure 85% (Non-Fragmenting)				Max Operating Pressure 85% (Non-Fragmenting)				Max Operating Pressure 85% (Non-Fragmenting)				Max Operating Pressure 85% (Non-Fragmenting)				
				GFN			0.55									SFAL & SFA-II-L			0.39	
Max Operating Pressure 90% (Non-Fragmenting)				Max Operating Pressure 90% (Non-Fragmenting)				Max Operating Pressure 90% (Non-Fragmenting)				Max Operating Pressure 90% (Non-Fragmenting)				Max Operating Pressure 90% (Non-Fragmenting)				
FAS	0.223	0.19		CSI	0.62	6.92		FSR	0.55	2.4	0.34	KBA			3.62	RA4, RLP			1.63	
PCR, PCRL			2.17	CSR		1	3.19	MRK			1.56	LOTRX				0.52	RA6	0.8	0.98	
PSR, PSRL, SSR, SSRL			2.13	ECR		0.58		POLY SD			1.1	MINTRX	0.45	0.5	0.46	RA8			0.59	1.16
SST, SSTL, FST, FSTL			2.29	FRS		0.8		SCRD FSR-VT			2.38	RCS			0.35	SB90-L			3.49	
				JRS		0.31		SRL			0.43	STARX			0.29	SRA, SRA-L, SRA-C, SRA-LC, SRA-X, RAX			2	
				LPS		0.79	0.86	SRX			0.99	ULTRX			0.36	URA-L, URA			0.78	
				RB-90		3.47						VRD							0.48	
				RLS		1.14	5.83					ZAP			5.88					
				S-90		1.13														
Max Operating Pressure 95% (Non-Fragmenting)				Max Operating Pressure 95% (Non-Fragmenting)				Max Operating Pressure 95% (Non-Fragmenting)				Max Operating Pressure 95% (Non-Fragmenting)				Max Operating Pressure 95% (Non-Fragmenting)				
PRO +, PRO+L			0.29	SKr		0.37	1.9	AXIUS			0.45	1.25	0.45	HPX					0.38	0.29
RPRO+, RPRO+L			0.69																	
OPFTR+			1.7	Sigma		0.38	1.25													
OPFTK+			2.77																	
Graphite				Graphite				Graphite				Graphite				Graphite				
GTM			0.6					GD								Mono			0.26	
GTI, GTIL			0.5					GDI, GDL								Mono-Bar			2.4	
GTMV-Bar			6.44					GDV-Bar								Mono-Cross			5.4	
GTMV-Dial			12.5					GDV-Dial								Mono-Ring			6.44	
																Inverted			0.64	
																Duplex			0.64	