



K_r Values From the ASME National Board Redbook Organized by Manufacturer

OSECO				BS&B				Fike				Continental				Zook			
Disk Type	K _{rg}	K _{rl}	K _{rgl}	Disk Type	K _{rg}	K _{rl}	K _{rgl}	Disk Type	K _{rg}	K _{rl}	K _{rgl}	Disk Type	K _{rg}	K _{rl}	K _{rgl}	Disk Type	K _{rg}	K _{rl}	K _{rgl}
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				0.52	RA6		0.8
PSR, PSRL, SSR, SSRL			2.13	ECR	0.58				POLY SD		1.1		MINTRX	0.45	0.5	0.46	RA8		0.59
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	0.38		SRA, SRA-L, SRA-C, SRA-LC, SRA-X, RAX		2
				LPS	0.79	0.86			SRX	0.99			ULTRX	0.36		0.62	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			0.6						Mono		0.26
GTI, GTIL			0.5					GDI, GDL			0.5						Mono-Bar		2.4
GTMV-Bar			6.44					GDV-Bar			6.44						Mono-Cross		5.4
GTMV-Dial			12.5					GDV-Dial			12.5						Mono-Ring		6.44
																	Inverted		0.64
																	Duplex		0.64

Information derived from ASME Redbook July 1, 2010