

**BS&B Safety Systems**  
**K<sub>R</sub> (Left of Slash)/Minimum Net Flow Area (Right of Slash)**  
**Minimum Net Flow Area (MNFA) in Square Inches**

Style	Media	Size																		
		0.5"	0.6875"	0.75"	1.0"	1.5"	2.0"	3.0"	4.0"	6.0"	8.0"	10.0"	12.0"	14.0"	16.0"	18.0"	20.0"	24.0"	30.0"	36.0"
B, BR, BRR	Liquid				1.47/0.80	1.47/1.76	1.47/3.33	1.47/6.51	1.47/11.8	1.47/28.8	1.47/49.8	1.47/78.8	1.47/112.0	1.47/137.0	1.47/182.0	1.47/233.0	1.47/291.0	1.47/424.0	1.47/671.0	1.47/975.0
B, BR, BRR	Gas				0.71/0.80	0.71/1.76	0.23/3.33	0.71/6.51	0.71/11.8	0.71/28.8	0.71/49.8	0.71/78.8	0.71/112.0	0.71/137.0	0.71/182.0	0.71/233.0	0.71/291.0	0.71/424.0	0.71/671.0	0.71/975.0
B-,BR-, BRR-LTF <sup>(Note 5)</sup>	Liquid				8.0/0.80	8.0/1.76	8.0/3.33	8.0/6.51	8.0/11.8	8.0/28.8	8.0/49.8	8.0/78.8	8.0/112.0	8.0/137.0	8.0/182.0	8.0/233.0	8.0/291.0	8.0/424.0	8.0/671.0	8.0/975.0
B-,BR-, BRR-LTF <sup>(Note 5)</sup>	Gas				8.0/0.80	8.0/1.76	8.0/3.33	8.0/6.51	8.0/11.8	8.0/28.8	8.0/49.8	8.0/78.8	8.0/112.0	8.0/137.0	8.0/182.0	8.0/233.0	8.0/291.0	8.0/424.0	8.0/671.0	8.0/975.0
BV-,BRV-,BSV-,BRV-LTF <sup>(Note 5)</sup>	Liquid				2.47/0.57	2.47/1.44	2.47/2.24	2.47/5.41	2.47/9.62	2.47/23.7	2.47/44.1	2.47/70.8	2.47/101.0	2.47/130.0	2.47/176.0	2.47/202.0	2.47/279.0	2.47/380.0	2.47/615.0	2.47/927.0
BV-,BRV-,BSV-,BRV-LTF <sup>(Note 5)</sup>	Gas				2.47/0.57	2.47/1.44	2.47/2.24	2.47/5.41	2.47/9.62	2.47/23.7	2.47/44.1	2.47/70.8	2.47/101.0	2.47/130.0	2.47/176.0	2.47/202.0	2.47/279.0	2.47/380.0	2.47/615.0	2.47/927.0
BV-,BRV-,BSV-,BRV-LTF (w/liners) <sup>(Note 5)</sup>	Liquid				2.47/0.57	2.47/1.44	2.47/2.24	2.47/5.41	2.47/9.62	2.47/23.7	2.47/44.1	2.47/70.8	2.47/101.0							
BV-,BRV-,BSV-,BRV-LTF (w/liners) <sup>(Note 5)</sup>	Gas				2.47/0.57	2.47/1.44	2.47/2.24	2.47/5.41	2.47/9.62	2.47/23.7	2.47/44.1	2.47/70.8	2.47/101.0							
B-Series w/liner <sup>(Note 3)</sup>	Liquid				1.47/0.80	1.47/1.76	1.47/3.33	1.47/6.51	1.47/11.8	1.47/28.8	1.47/49.8	1.47/78.8	1.47/112.0							
B-Series w/liner <sup>(Note 3)</sup>	Gas				0.71/0.80	0.71/1.76	0.71/3.33	0.71/6.51	0.71/11.8	0.71/28.8	0.71/49.8	0.71/78.8	0.71/112.0							
BV-Series <sup>(Note 3)</sup>	Liquid				2.45/0.57	2.45/1.44	2.45/2.24	2.45/5.41	2.45/9.62	2.45/23.7	2.45/44.1	2.45/70.8	2.45/101.0	2.45/130.0	2.45/176.0	2.45/202.0	2.45/279.0	2.45/380.0	2.45/615.0	2.45/927.0
BV-Series <sup>(Note 3)</sup>	Gas				0.80/0.57	0.80/1.44	0.55/2.24	0.80/5.41	0.80/9.62	0.80/23.7	0.80/44.1	0.80/70.8	0.80/101.0	0.80/130.0	0.80/176.0	0.80/202.0	0.80/279.0	0.80/380.0	0.80/615.0	0.80/927.0
BV-Series w/liner <sup>(Note 3)</sup>	Liquid				2.45/0.57	2.45/1.44	2.45/2.24	2.45/5.41	2.45/9.62	2.45/23.7	2.45/44.1	2.45/70.8	2.45/101.0							
BV-Series w/liner <sup>(Note 3)</sup>	Gas				0.80/0.57	0.80/1.44	0.55/2.24	0.80/5.41	0.80/9.62	0.80/23.7	0.80/44.1	0.80/70.8	0.80/101.0							
Scored B, XB, & "SCD B"	Liquid				0.40/0.86	0.40/2.03	0.40/3.35	0.40/7.39	0.40/12.7	0.40/28.8	0.40/50.0	0.40/78.8	0.40/111.0	0.40/137.0	0.40/176.0	0.40/223.0	0.40/277.0	0.40/402.2		
Scored B, XB, & "SCD B"	Gas				0.40/0.86	0.40/2.03	0.40/3.35	0.40/7.39	0.40/12.7	0.40/28.8	0.40/50.0	0.40/78.8	0.40/111.0	0.40/137.0	0.40/176.0	0.40/223.0	0.40/277.0	0.40/402.2		
Scored B, XB, & "SCD B"-LTF <sup>(Note 5)</sup>	Liquid				4.77/0.80	4.77/1.76	4.77/3.33	4.77/6.51	4.77/11.82	4.77/28.8	4.77/49.9	4.77/78.9	4.77/112.5	4.77/137.9	4.77/182.7	4.77/233.7	4.77/291.0	4.77/424.6		
Scored B, XB, & "SCD B"-LTF <sup>(Note 5)</sup>	Gas				4.77/0.80	4.77/1.76	4.77/3.33	4.77/6.51	4.77/11.82	4.77/28.8	4.77/49.9	4.77/78.9	4.77/112.5	4.77/137.9	4.77/182.7	4.77/233.7	4.77/291.0	4.77/424.6		
D, DR, DRR	Liquid				1.3/0.80	1.3/1.76	1.3/3.33	1.3/6.51	1.3/11.8	1.3/28.8	1.3/49.8	1.3/78.8	1.3/112.0	1.3/137.0	1.3/182.0	1.3/233.0	1.3/291.0	1.3/424.0	1.3/671.0	1.3/975.0
D, DR, DRR	Gas				1.19/0.69	1.19/1.62	1.19/2.95	1.19/6.49	1.19/11.0	1.19/25.9	1.19/47.1	1.19/74.6	1.19/106.0	1.19/135.0	1.19/176.0	1.19/223.0	1.19/277.0	1.19/397.0	1.19/661.0	1.19/907.0
D-,DR-, DRR-LTF <sup>(Note 5)</sup>	Liquid				2.3/0.80	2.3/1.76	2.3/3.33	2.3/6.51	2.3/11.8	2.3/28.8	2.3/49.8	2.3/78.8	2.3/112.0	2.3/137.0	2.3/182.0	2.3/223.0	2.3/291.0	2.3/424.0	2.3/671.0	2.3/975.0
D-,DR-, DRR-LTF <sup>(Note 5)</sup>	Gas				2.3/0.80	2.3/1.76	2.3/3.33	2.3/6.51	2.3/11.8	2.3/28.8	2.3/49.8	2.3/78.8	2.3/112.0	2.3/137.0	2.3/182.0	2.3/223.0	2.3/291.0	2.3/424.0	2.3/671.0	2.3/975.0
DV, DRV, DSV, DRSV	Liquid				2.60/0.57	2.60/1.44	2.60/2.24	2.60/5.41	2.60/9.62	2.60/23.7	2.60/44.1	2.60/70.8	2.60/101.0	2.60/130.0	2.60/176.0	2.60/202.0	2.60/280.0	2.60/380.0	2.60/615.0	2.60/927.0
DV, DRV, DSV, DRSV	Gas				1.19/0.69	1.19/1.62	1.19/2.94	1.19/6.49	1.19/11.0	1.19/25.9	1.19/47.1	1.19/74.6	1.19/106.0	1.19/135.0	1.19/176.0	1.19/223.0	1.19/277.0	1.19/397.0	1.19/660.0	1.19/907.0
PLD	Liquid				4.2/0.69	4.2/1/62	4.2/2.95	4.2/6.49	4.2/11/0	4.2/25.9	4.2/47.1	4.2/74.6	4.2/106.0	4.2/135.0	4.2/176.0	4.2/223.0	4.2/277.0	4.2/397.0	4.2/661.0	4.2/907.0
PLD	Gas				4.2/0.69	4.2/1/62	4.2/2.95	4.2/6.49	4.2/11/0	4.2/25.9	4.2/47.1	4.2/74.6	4.2/106.0	4.2/135.0	4.2/176.0	4.2/223.0	4.2/277.0	4.2/397.0	4.2/661.0	4.2/907.0
PLDV	Liquid				6.0/0.57	6.0/1.44	6.0/2.24	6.0/5.41	6.0/9.62	6.0/23.7	6.0/44.1	6.0/70.8	6.0/101.0	6.0/130.0	6.0/176.0	6.0/202.0	6.0/270.0	6.0/375.0	6.0/650.0	6.0/900.0
PLDV	Gas				6.0/0.57	6.0/1.44	6.0/2.24	6.0/5.41	6.0/9.62	6.0/23.7	6.0/44.1	6.0/70.8	6.0/101.0	6.0/130.0	6.0/176.0	6.0/202.0	6.0/270.0	6.0/375.0	6.0/650.0	6.0/900.0
AV	Liquid				4.35/0.86	4.35/2.03	4.35/3.35	4.35/7.39	4.35/12.7	4.35/28.8	4.35/50.0	4.35/78.8	4.35/113.0	4.35/137.0	4.35/182.0	4.35/233.0	4.35/291.0	4.35/424.0	4.35/671.0	4.35/975.0

**General Note:** All K<sub>R</sub> testing is done using Schedule 40 pipe.

**General Note:** The data provided herein is valid only when the disk is installed in a safety head (holder) which was concurrently certified with the disk as a device. Contact BS&B for additional information.

**General Note:** Except for those items highlighted yellow (Note #3), the data provided is valid for pressures equal to or above the catalog minimum pressures.

(Note 1) Data Valid for Alloy 600 Material Of Construction Only (Contact BS&B for minimum burst pressures for which the data is valid) (Values apply to disk with and without liners)

(Note 2) Data applies to GCR-Series disks alone, with Fluoropolymer Liners and/or sensors; Applies to GFR-series without integral sensors.(Contact BS&B for minimum burst pressures for which the data is valid)

**(Note 3) Contact BS&B for minimum burst pressures for which the data is valid.**

(Note 4) Data is not valid for graphite rupture disks which are equipped with "High Temperature Assemblies"

(Note 5) "LTF" Data for these disks is valid only when installed in a BS&B Type "Lo-To-Flo" Safety Head.

(Note 6) The "connections" for the Sta-Kul disks are:

- A-2 1/2" Inlet x Free vented outlet
- A-4 3/8" Inlet x 1/2" SAE outlet
- A-6 1/2" MPT x 1/2" MPT
- A-10 1" MPT Inlet x Free Vented Outlet
- A-19 3/4" MPT Inlet x 3/4"; MPT Outlet

**BS&B Safety Systems**  
**K<sub>R</sub> (Left of Slash)/Minimum Net Flow Area (Right of Slash)**  
**Minimum Net Flow Area (MNFA) in Square Inches**

Style	Media	Size																		
		0.5"	0.6875"	0.75"	1.0"	1.5"	2.0"	3.0"	4.0"	6.0"	8.0"	10.0"	12.0"	14.0"	16.0"	18.0"	20.0"	24.0"	30.0"	36.0"
AV	Gas				4.35/0.86	4.35/2.03	4.35/3.35	4.35/7.39	4.35/12.7	4.35/28.8	4.35/50.0	4.35/78.8	4.35/113.0	4.35/137.0	4.35/182.0	4.35/233.0	4.35/291.0	4.35/424.0	4.35/671.0	4.35/975.0
AVV	Liquid				10.5/0.40	10.5/0.95	10.5/1.60	10.5/4.0	10.5/8.0	10.5/16.5	10.5/35.75	10.5/45.5	10.5/62.75	10.5/74.5	10.5/111.0	10.5/158.0	10.5/195.0	10.5/280.0	10.5/425.0	10.5/630.0
AVV	Gas				10.5/0.40	10.5/0.95	10.5/1.60	10.5/4.0	10.5/8.0	10.5/16.5	10.5/35.75	10.5/45.5	10.5/62.75	10.5/74.5	10.5/111.0	10.5/158.0	10.5/195.0	10.5/280.0	10.5/425.0	10.5/630.0
AV-E & AV-EL	Liquid				1.2/0.864	1.2/2.036	1.2/3.356	1.2/7.392	1.2/12.73	1.2/28.89	1.2/50.02	1.2/78.85	1.2/113.1	1.2/137.9	1.2/182.7	1.2/233.7	1.2/291.0	1.2/424.6	1.2/672.0	1.2/975.9
AV-E & AV-EL	Gas				1.2/0.864	1.2/2.036	1.2/3.356	1.2/7.392	1.2/12.73	1.2/28.89	1.2/50.02	1.2/78.85	1.2/113.1	1.2/137.9	1.2/182.7	1.2/233.7	1.2/291.0	1.2/424.6	1.2/672.0	1.2/975.9
CSR (w/ or w/o Liners)	Liquid				3.19/0.86	3.19/2.03	3.19/3.35	3.19/7.39	3.19/12.7	3.19/28.8	3.19/50.0									
CSR (w/ or w/o Liners)	Gas				1.0/0.86	1.0/2.03	1.0/3.35	1.0/7.39	1.0/12.7	1.0/28.8	1.0/50.0									
CSI (w/ or w/o Liners)	Liquid				3.09/0.86	3.09/1.89	3.09/3.35	3.09/7.29	3.09/11.2	3.09/22.6	3.09/42.7									
CSI (w/ or w/o Liners)	Gas				0.62/0.86	0.62/1.89	0.62/3.35	0.62/7.29	0.62/11.2	0.62/22.6	0.62/42.7									
Sigma (Series)	Liquid				1.25/0.86	1.25/1.93	1.25/3.36	1.25/7.39	1.25/12.7	1.25/28.8	1.25/50.0									
Sigma (Series)	Gas				0.38/0.86	0.38/1.93	0.38/3.36	0.38/7.39	0.38/12.7	0.38/28.8	0.38/50.0									
UBR	Liquid				1.25/0.86	1.25/1.93	1.25/3.36	1.25/7.39	1.25/12.7	1.25/28.8	1.25/50.0									
UBR	Gas				0.38/0.86	0.38/1.93	0.38/3.36	0.38/7.39	0.38/12.7	0.38/28.8	0.38/50.0									
LPS & LPS Welded Assembly	Liquid				0.86/0.86	0.86/1.93	0.86/3.36	0.86/7.39	0.86/12.7	0.86/28.8	0.86/50.0	0.86/78.8	0.86/111.8							
LPS & LPS Welded Assembly	Gas				0.79/0.86	0.79/1.93	0.79/3.36	0.79/7.39	0.79/12.7	0.79/28.8	0.79/50.0	0.79/78.8	0.79/111.8							
LPS-U	Liquid		1.22/0.304	0.93/0.533	1.7/0.608															
LPS-U	Gas		1.06/0.304	0.89/0.533	1.7/0.608															
S-90 (w/ or w/o Liners & S-90 Welded Assys).	Gas				1.13/0.86	1.13/2.03	1.13/3.36	1.13/7.39	1.13/12.7	1.13/28.8	1.13/50.0	1.13/78.8	1.13/111.0	1.13/135.0	1.13/176.0	1.13/223.0	1.13/277.0	1.13/402.0	1.13/672.0	
S-90 <sup>(Note 1)</sup>	Gas				0.23/0.86	0.23/2.03	0.23/3.36	0.23/7.39	0.23/12.7	0.23/28.8	0.23/50.0	0.23/78.8	0.23/111.0	0.23/135.0	0.23/176.0	0.23/223.0	0.23/277.0	0.23/402.0	0.23/672.0	
S-90 Double Disk Assembly	Gas				1.13/0.86	1.13/2.03	1.13/3.35	1.13/7.39	1.13/12.7	1.13/28.8	1.13/50.0	1.13/78.8	1.13/111.0	1.13/135.0	1.13/176.0	1.13/223.0	1.13/277.0	1.13/402.0	1.13/672.0	
SVI	Gas					11.35/1.37	11.35/2.26	11.35/5.11	11.35/8.66	11.35/20.9	11.35/37.0	11.35/61.0								
MVB	Gas							0.23/7.39												
SRC <sup>(Note 3)</sup>	Gas						1.1/3.35	1.1/7.39	1.1/12.7	1.1/28.8	1.1/50.0									
JRS	Gas				0.31/0.86	0.31/1.89	0.31/3.35	0.31/6.53	0.31/11.86	0.31/25.08	0.31/42.07	0.31/68.65	0.31/102.28	0.31/121.86	0.31/156.0	0.31/198.0	0.31/246.0	0.31/357.0	0.31/592.0	0.31/868.0
RLS (w/ or w/o Liners & Welded Assy)	Liquid			5.83/0.50	5.83/0.84	5.83/1.77	5.83/3.23	5.83/6.44	5.83/11.5	5.83/26.4	5.83/47.0	5.83/73.9	5.83/99.0	5.83/131.0	5.83/172.0	5.83/219.0	5.83/270.0			
RLS (w/ or w/o Liners & Welded Assy)	Gas			1.14/0.50	1.14/0.84	1.14/1.77	1.14/3.23	1.14/6.44	1.14/11.5	1.14/26.4	1.14/47.0	1.14/73.9	1.14/99.0	1.14/131.0	1.14/172.0	1.14/219.0	1.14/270.0			
RLS Double Disk Assembly	Liquid				5.83/0.84	5.83/1.77	5.83/3.23	5.83/6.44	5.83/11.5	5.83/26.4	5.83/47.0	5.83/73.9	5.83/99.0	5.83/131.0	5.83/172.0	5.83/219.0	5.83/270.0			
RLS Double Disk Assembly	Gas				1.9/0.84	1.9/1.77	1.9/3.23	1.9/6.44	1.9/11.5	1.9/26.4	1.9/47.0	1.9/73.9	1.9/99.0	1.9/131.0	1.9/172.0	1.9/219.0	1.9/270.0			
SK <sub>R</sub> & SKR Welded Assy.	Liquid			1.90/0.59	1.90/0.86	1.90/2.04	1.90/3.36	1.90/7.39	1.90/12.74	1.90/28.89	1.90/50.0	1.90/78.86	1.90/111.87							

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**General Note:** Except for those items highlighted yellow (Note #3), the data provided is valid for pressures equal to or above the catalog minimum pressures.

(Note 1) Data Valid for Alloy 600 Material Of Construction Only (Contact BS&B for minimum burst pressures for which the data is valid) (Values apply to disk with and without liners)

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(Note 4) Data is not valid for graphite rupture disks which are equipped with "High Temperature Assemblies"

(Note 5) "LTF" Data for these disks is valid only when installed in a BS&B Type "Lo-To-Flo" Safety Head.

(Note 6) The "connections" for the Sta-Kul disks are:

- A-2 1/2" Inlet x Free vented outlet
- A-4 3/8" Inlet x 1/2" SAE outlet
- A-6 1/2" MPT x 1/2" MPT
- A-10 1" MPT Inlet x Free Vented Outlet
- A-19 3/4" MPT Inlet x 3/4"; MPT Outlet

**BS&B Safety Systems**  
**K<sub>R</sub> (Left of Slash)/Minimum Net Flow Area (Right of Slash)**  
**Minimum Net Flow Area (MNFA) in Square Inches**

Style	Media	Size																		
		0.5"	0.6875"	0.75"	1.0"	1.5"	2.0"	3.0"	4.0"	6.0"	8.0"	10.0"	12.0"	14.0"	16.0"	18.0"	20.0"	24.0"	30.0"	36.0"
SK <sub>R</sub> & SKR Welded Assy.	Gas			0.37/0.59	0.37/0.86	0.37/2.04	0.37/3.36	0.37/7.39	0.37/12.74	0.37/28.89	0.37/50.0	0.37/78.86	0.37/111.87							
SK <sub>R</sub> -U	Liquid			1.10/0.53	2.20/0.61															
SK <sub>R</sub> -U	Gas	0.85/0.30		0.73/0.53	1.25/0.61															
SKr Double Disk Assembly	Liquid			1.6/0.59	1.6/0.86	1.6/2.04	1.6/3.36	1.6/7.39	1.6/12.74	1.6/28.89	1.6/50.0	1.6/78.86	1.6/111.87							
SKR Double Disk Assembly	Gas			0.63/0.59	0.63/0.86	0.63/2.04	0.63/3.36	0.63/7.39	0.63/12.74	0.63/28.89	0.63/50.0	0.63/78.86	0.63/111.87							
SKI & SKI-TN	Liquid				1.03/0.86	1.03/1.93	1.03/3.36	1.03/7.39	1.03/12.74	1.03/28.89	1.03/50.0									
SKI & SKI-TN	Gas				0.47/0.86	0.47/1.93	0.47/3.36	0.47/7.39	0.47/12.74	0.47/28.89	0.47/50.0									
SSR	Liquid				0.52/0.86	0.52/1.93	0.52/3.36	0.52/7.39	0.52/12.74	0.52/28.89	0.52/50.0	0.52/78.8								
SSR	Gas				0.52/0.86	0.52/1.93	0.52/3.36	0.52/7.39	0.52/12.74	0.52/28.89	0.52/50.0	0.52/78.8								
SRD	Liquid				4.0/0.84	4.0/1.77	4.0/3.23	4.0/6.44	4.0/11.54	4.0/26.44	4.0/47.07									
SRD	Gas				0.59/0.84	0.59/1.77	0.59/3.23	0.59/6.44	0.59/11.54	0.59/26.44	0.59/47.07									
SRD-L	Gas				3.4/0.84	3.4/1.77	3.4/3.23	3.4/6.44	3.4/11.54	3.4/26.44	3.4/47.07									
SRD-L	Liquid				4.5/0.84	4.5/1.77	4.5/3.23	4.5/6.44	4.5/11.54	4.5/26.44	4.5/47.07									
CCS	Liquid				4.0/0.84	4.0/1.77	4.0/3.23	4.0/6.44	4.0/11.54	4.0/26.44	4.0/47.07									
CCS	Gas				0.59/0.84	0.59/1.77	0.59/3.23	0.59/6.44	0.59/11.54	0.59/26.44	0.59/47.07									
CCS-L	Gas				3.4/0.84	3.4/1.77	3.4/3.23	3.4/6.44	3.4/11.54	3.4/26.44	3.4/47.07									
CCS-L	Liquid				4.5/0.84	4.5/1.77	4.5/3.23	4.5/6.44	4.5/11.54	4.5/26.44	4.5/47.07									
FRS	Gas				0.80/0.86	0.80/1.93	0.80/3.35													
FRS w/liner <sup>(Note 3)</sup>	Gas				0.80/0.86	0.80/1.93	0.80/3.35													
ECR	Liquid		(Not Tested)																	
ECR	Gas				0.58/0.86	0.58/2.03	0.58/3.35	0.58/7.30	0.58/12.1	0.58/25.4	0.58/43.6	0.58/66.3	0.58/94.7	0.58/118.0	0.58/154.0	0.58/195.0	0.58/241.0	0.58/348.0		
ECV	Gas				4.2/0.735	4.2/1.24	4.2/2.21	4.2/4.76	4.2/7.9	4.2/18.1	4.2/31.4	4.2/48.8	4.2/69.4	4.2/88.0	4.2/115.0	4.2/146.0	4.2/180.0	4.2/261.0		
RB-90	Gas				3.47/0.83	3.47/1.80	3.47/3.15	3.47/6.84	3.47/11.84	3.47/25.44	3.47/47.6	3.47/67.6	3.47/101.8	3.47/121.6	3.47/162.7	3.47/209.9	3.47/262.9	3.47/386.8	3.47/617.6	3.47/872.8
MRB	Gas	5.3/0.14		5.3/0.31	5.3/0.55	5.3/1.24	5.3/2.20	5.3/4.50	5.3/8.80	5.3/19.8	5.3/35.2	5.3/55.0								
GFN (w/ or w/o Liners)	Gas				0.55/0.864	0.55/2.03	0.55/3.36	0.55/7.39	0.55/12.7	0.55/28.9	0.55/50.0	0.55/78.8	0.55/111.9	0.55/137.9	0.55/176.7	0.55/223.3	0.55/277.9	0.55/402.0		
X <sub>T</sub> <sup>(Note 3)</sup>	Liquid				0.5/0.86	0.5/2.03	0.5/3.36	0.5/7.39	0.5/12.7	0.5/28.8	0.5/50.0	0.5/78.8	0.5/111.0							
X <sub>T</sub> <sup>(Note 3)</sup>	Gas				0.5/0.86	0.5/2.03	0.5/3.36	0.5/7.39	0.5/12.7	0.5/28.8	0.5/50.0	0.5/78.8	0.5/111.0							
MB, AMB <sup>(Note 4)</sup>	Liquid				0.19/0.86	0.19/2.03	0.19/3.35	0.19/7.39	0.19/12.7	0.19/28.8	0.19/50.0	0.19/78.8	0.19/113.0	0.19/137.0	0.19/182.0	0.19/233.0	0.19/291.0	0.19/424.0		
MB, AMB <sup>(Note 4)</sup>	Gas				0.19/0.86	0.19/2.03	0.19/3.35	0.19/7.39	0.19/12.7	0.19/28.8	0.19/50.0	0.19/78.8	0.19/113.0	0.19/137.0	0.19/182.0	0.19/233.0	0.19/291.0	0.19/424.0		

**General Note:** All K<sub>R</sub> testing is done using Schedule 40 pipe.

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(Note 4) Data is not valid for graphite rupture disks which are equipped with "High Temperature Assemblies"

(Note 5) "LTF" Data for these disks is valid only when installed in a BS&B Type "Lo-To-Flo" Safety Head.

(Note 6) The "connections" for the Sta-Kul disks are:

- A-2 1/2" Inlet x Free vented outlet
- A-4 3/8" Inlet x 1/2" SAE outlet
- A-6 1/2" MPT x 1/2" MPT
- A-10 1" MPT Inlet x Free Vented Outlet
- A-19 3/4" MPT Inlet x 3/4"; MPT Outlet

**BS&B Safety Systems**  
**K<sub>R</sub> (Left of Slash)/Minimum Net Flow Area (Right of Slash)**  
**Minimum Net Flow Area (MNFA) in Square Inches**

Style	Media	Size																		
		0.5"	0.6875"	0.75"	1.0"	1.5"	2.0"	3.0"	4.0"	6.0"	8.0"	10.0"	12.0"	14.0"	16.0"	18.0"	20.0"	24.0"	30.0"	36.0"
MBV, AMBV (bar spt) <sup>(Note 4)</sup>	Liquid				1.9/0.63	1.9/1.66	1.9/2.69	1.9/5.92	1.9/10.4	1.9/23.1	1.9/40.9	1.9/63.7	1.9/91.5	1.9/110.0	1.9/146.0	1.9/186.0	1.9/232.0	1.9/339.0		
MBV, AMBV (bar spt) <sup>(Note 4)</sup>	Gas				1.9/0.63	1.9/1.66	1.9/2.69	1.9/5.92	1.9/10.4	1.9/23.1	1.9/40.9	1.9/63.7	1.9/91.5	1.9/110.0	1.9/146.0	1.9/186.0	1.9/232.0	1.9/339.0		
MBV, AMBV (dial spt) <sup>(Note 4)</sup>	Liquid				5.40/0.298	5.40/1.02	5.40/1.74	5.40/4.20	5.40/7.60	5.40/15.8	5.40/25.8	5.40/41.0	5.40/59.1	5.40/88.3	5.40/95.7	5.40/124.0	5.40/153.0	5.40/226.0		
MBV, AMBV (dial spt) <sup>(Note 4)</sup>	Gas				5.40/0.298	5.40/1.02	5.40/1.74	5.40/4.20	5.40/7.60	5.40/15.8	5.40/25.8	5.40/41.0	5.40/59.1	5.40/88.3	5.40/95.7	5.40/124.0	5.40/153.0	5.40/226.0		
IMB, AIMB, FSM, AFSM <sup>(Note 4)</sup>	Liquid				0.31/0.86	0.31/2.03	0.31/3.35	0.31/7.39	0.31/12.7	0.31/28.8	0.31/50.0	0.31/78.8	0.31/113.0	0.31/137.0	0.31/182.0	0.31/233.0	0.31/291.0	0.31/424.0		
IMB, AIMB, FSM, AFSM <sup>(Note 4)</sup>	Gas				0.31/0.86	0.31/2.03	0.31/3.35	0.31/7.39	0.31/12.7	0.31/28.8	0.31/50.0	0.31/78.8	0.31/113.0	0.31/137.0	0.31/182.0	0.31/233.0	0.31/291.0	0.31/424.0		
IMBL, AIMBL <sup>(Note 4)</sup>	Liquid				0.31/0.86	0.31/2.03	0.31/3.35	0.31/7.39	0.31/12.7	0.31/28.8	0.31/50.0	0.31/78.8	0.31/113.0	0.31/137.0	0.31/182.0	0.31/233.0	0.31/291.0	0.31/424.0		
IMBL, AIMBL <sup>(Note 4)</sup>	Gas				0.31/0.86	0.31/2.03	0.31/3.35	0.31/7.39	0.31/12.7	0.31/28.8	0.31/50.0	0.31/78.8	0.31/113.0	0.31/137.0	0.31/182.0	0.31/233.0	0.31/291.0	0.31/424.0		
RE, REA <sup>(Note 4)</sup>	Liquid				0.15/0.86	0.15/2.03	0.15/3.35	0.15/7.39	0.15/12.7	0.15/28.8	0.15/50.0	0.15/78.8	0.15/113.0	0.15/137.0	0.15/182.0	0.15/233.0	0.15/291.0	0.15/424.0		
RE, REA <sup>(Note 4)</sup>	Gas				0.15/0.86	0.15/2.03	0.15/3.35	0.15/7.39	0.15/12.7	0.15/28.8	0.15/50.0	0.15/78.8	0.15/113.0	0.15/137.0	0.15/182.0	0.15/233.0	0.15/291.0	0.15/424.0		
REV, REVA <sup>(Note 4)</sup>	Liquid				3.15/0.69	3.15/1.76	3.15/3.09	3.15/6.29	3.15/10.2	3.15/20.9	3.15/37.1	3.15/56.5	3.15/77.5	3.15/99.1	3.15/125.0	3.15/158.0	3.15/190.0	3.15/269.0		
REV, REVA <sup>(Note 4)</sup>	Gas				3.15/0.69	3.15/1.76	3.15/3.09	3.15/6.29	3.15/10.2	3.15/20.9	3.15/37.1	3.15/56.5	3.15/77.5	3.15/99.1	3.15/125.0	3.15/158.0	3.15/190.0	3.15/269.0		
REL, RELA <sup>(Note 4)</sup>	Liquid				0.16/0.86	0.16/2.03	0.16/3.35	0.16/7.39	0.16/12.7	0.16/28.8	0.16/50.0	0.16/78.8	0.16/113.0	0.16/137.0	0.16/182.0	0.16/233.0	0.16/291.0	0.16/424.0		
REL, RELA <sup>(Note 4)</sup>	Gas				0.16/0.86	0.16/2.03	0.16/3.35	0.16/7.39	0.16/12.7	0.16/28.8	0.16/50.0	0.16/78.8	0.16/113.0	0.16/137.0	0.16/182.0	0.16/233.0	0.16/291.0	0.16/424.0		
GFR-Series <sup>(Note 2)</sup>	Liquid				19.14/0.20	11.5/0.79	4.76/1.77													
GFR-Series <sup>(Note 2)</sup>	Gas				19.14/0.20	9.92/0.79	4.76/1.77													
GCR-Series <sup>(Note 2)</sup>	Liquid					2.75/1.5	1.42/2.7	2.75/5.29	2.75/9.78											
GCR-Series <sup>(Note 2)</sup>	Gas					1.95/1.5	1.25/2.7	1.95/5.29	1.95/9.78											
GCR-N (Series) <sup>(Note 2)</sup>	Liquid					2.75/1.5	1.42/2.7													
GCR-N (Series) <sup>(Note 2)</sup>	Gas					1.95/1.5	1.25/2.7													
SLP-Series	Liquid					6.70/1.08	4.9/2.04	9.9/3.55												
SLP-Series	Gas					6.70/1.08	4.9/2.04	9.9/3.55												
GLP-S <sup>(Note 3)</sup>	Gas					10.0/0.86	10.0/1.93	10.0/3.36	10.0/7.39											
A-2 Sta-Kul w/ FRB disk <sup>(Note 3)(Note 6)</sup>	Gas		2.20/0.19																	
A-6 Sta-Kul, FRB disk <sup>(Note 6)</sup>	Gas		2.19/0.19																	
A-10 Sta-Kul w/ Scored "B" <sup>(Note 6)</sup>	Gas				0.41/0.78															
Sta-Kul, B disk; 3/4"	Gas			3.85/0.44																
FRB WFT	Gas	35.7/0.21																		
A-6 Sta-Kul, "B" <sup>(Note 3)(Note 6)</sup>	Gas		6.44/0.19																	

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**BS&B Safety Systems**  
**K<sub>R</sub> (Left of Slash)/Minimum Net Flow Area (Right of Slash)**  
**Minimum Net Flow Area (MNFA) in Square Inches**

Style	Media	Size																		
		0.5"	0.6875"	0.75"	1.0"	1.5"	2.0"	3.0"	4.0"	6.0"	8.0"	10.0"	12.0"	14.0"	16.0"	18.0"	20.0"	24.0"	30.0"	36.0"
A-6 Sta-Kul, "B" (w/ liner) <sup>(Note 3)(Note 6)</sup>	Gas		6.44/0.19																	
A-19 Sta-Kul w/ Scored "B" <sup>(Note 6)</sup>	Gas			0.50/0.44																
FRB w/ 3/4" San'y Connect <sup>(Note 3)</sup>	Gas/Liquid			12.0/0.22																
FRB w/ 3/4" San'y Connect <sup>(Note 3)</sup>	Gas			5.9/0.22																
1" Welded FRB w/ 1/2" VCR Conn.	Gas	16.95/0.126		5.0/0.20																

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