

PRODUCT FEATURES AT-A-GLANCE

		Industrial Valves					
		R8	B8	L8	N8/BN8	F8*	FB8*
End Connections							
	Threaded	X	X		X	X	X
	Socket Weld	X	X		X	X	X
	Butt Weld	X	X		X	X	X
	Compression Ends			X			
	Flanged	O	O		O	O	O

O = Optional

* 3" & 4" are FS7

RE: FS7: 3" Port = 2.95", 4" Port = 3.78"

Seats							
	TFM - "A"	X	X	X		X	X
	SupraLon - "S"	X	X	X	X		
	UHMWPE - "U"	X	X	X			
	Delrin - "D"	X	X	X			
	PEEK - "K"	X	X	X			

Materials							
	Carbon Steel	X	X		X	X	X
	Stainless Steel	X	X	X	X	X	X
	Hastelloy -C-276 (ASTM A494-CW12MW)	X	X				
	Alloy 20	X	X				
	Forged Brass	X	X				

	Fire Safe					X	X
	Steam / Thermal Fluids (with SupraLon Seats)				X		
					X		
	Integral Mounting Pad	X	X	X	X	X	X

		Economy Valves & Flanged Valves					
		EZ9	BEV	REV	41	B41-Rev 2	B42

End Connections							
	Threaded	X	X	X			
	Socket Weld	X					
	Butt Weld	X					
	Flanged				X	X	X

Seats							
	TFM - "A"	X				X	
	RTFE - "R"		X	X	X		
	Carbon-Filled TFE				X		X
	SupraLon - "S"					X	

Materials							
	Carbon Steel	X			X	X	X
	Stainless Steel	X	X	X	X	X	X
	Forged Brass		X				
	Hastelloy -C-276 (ASTM A494-CW12MW)	X	X		X	X	X
	Alloy 20				X	X	X
	Duplex alloys				X	X	X

	Fire Safe				X	X	X
	Steam / Thermal Fluids (with SupraLon Seats)				X	X	X
					X		
	Integral Mounting Pad	X			X	X	X

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		High Purity Valves				
		SB7	SB7F	TSB7	SMC9	SB6
End Connections			Forged SS			
	ETO	X	X	X	X	
	Tri-Clamp	X	X	X	X	X

Seats						
	TFM - "A"	X	X	X	X	X

Materials						
	Stainless Steel	X	X	X	X	X
	Hastelloy -C-276 (ASTM A494-CW12MW)	X		X		

Multi-Ported Valves						
	Diverter Only			X		
	Four-Seat Shutoff				X	
	Integral Mounting Pad	X	X	X	X	

		High Pressure Valves				
		HBEV	H7	P4	R8	B8
End Connections						
	Threaded	X	X	X	X	X
	Socket Weld	X	X	X	X	X
	Butt Weld		X		X	X
	Flanged		O	O	O	O

Seats						
	Delrin - "D"	X	X	X	X	X
	PEEK - "K"	X	X	X	X	X

Materials						
	Carbon Steel		X	X	X	X
	Stainless Steel	X	X	X	X	X

High Pressure		HBEV	H7	P4	R8*	
	< 1,500				1/2"-3/4"	<3,000
	< 3,000				1"-1.25"	<2,500
	< 5,000			X	1.5"-2"	<2,000
	< 6,000	X	X			

*Delrin or PEEK seats

	Fire Safe	X				
	Integral Mounting Pad	X	X	X		

PRODUCT SIZE RANGE

Size Range	Reg/Full Port	1/4" - 1"	1/4" - 2"	1/4" - 2.5"	1/4" - 3"	1/4" - 4"	1/2" - 2"	1/2" - 3"	1/2" - 4"	1/2" - 6"	1/2" - 8"	1.5" - 8"	3" - 4"
Industrial Valves													
R8	R				X								
B8	F			X									
L8	R	X											
N8	R				X								
BN8	F			X									
F8	R		X										
FB8	F		X										
FS7	R/F												X
HBEV	F		X										
H7	R		X										
P4	R	X											
Economy Valves													
EZ9	F		X										
BEV - SS	F				X								
BEV - BRASS	F								X				
REV	R		X										
Flanged Valves													
41	R											X	
B41	F										X		
B42	F										X		
High Purity Valves													
SB7	BPE									X			
SB7F	BPE						X						
TSB7	BPE								X				
SMC9	BPE							X					
SB6	BPE								X				

How To Order Guide

Product Prefix Model and Types							
Prefix	Body & End Materials	Ball & Stem Materials	Seat Material	Seal Material	Ends (Type)	Size	
Prefix Process-Quality Series "8"							
	4- Carbon Steel	6- Stainless Steel	A- TFM	T- VIRGIN TFE	SE- SCREWED NPT	02 - 1/4"	15 - 1.5"
	6- Stainless Steel		S- SUPRALON	U- UHMWPE	BW- BUTT WELD	03 - 3/8"	20 - 2"
R8	Regular Ported (3 Piece)	3- Monel	D- DELRIN	G- GRAPHOIL	SW- SOCKET WELD	05 - 1/2"	25 - 2.5"
B8	Full Ported (3 Piece)	8- Alloy 20	U- UHMWPE	B- BUNA		07 - 3/4"	30 - 3"
	3- Monel	9- Hastelloy	K- PEEK	E- EPDM	150- FLANGED 150#	10 - 1"	40 - 4"
	8- Alloy 20			V- VITON	300- FLANGED 300#	12 - 1.25"	
	9- Hastelloy						
Prefix Process-Quality Series "N8" & "BN8"							
				T- VIRGIN TFE	SE- SCREWED NPT	02 - 1/4"	12 - 1.25"
	4- Carbon Steel	6- Stainless Steel	S- SUPRALON		BW- BUTT WELD	03 - 3/8"	15 - 1.5"
N8	Steam & Thermal Fluid Valves (Std. Port)			G- GRAPHOIL	SW- SOCKET WELD	05 - 1/2"	20 - 2"
BN8	Steam & Thermal Fluid Valves (Full Port)					07 - 3/4"	25 - 2.5"
						10 - 1"	30 - 3"
Prefix Other Series "8" Valves							
	4- Carbon Steel	6- Stainless Steel	R-RTFE	T- VIRGIN TFE	SE- SCREWED NPT	02 - 1/4"	15 - 1.5"
	6- Stainless Steel				BW- BUTT WELD	03 - 3/8"	20 - 2"
F8				G- GRAPHOIL	SW- SOCKET WELD	05 - 1/2"	25 - 2.5"
FB8				V- VITON		07 - 3/4"	30 - 3"
FS7				B- BUNA		10 - 1"	40 - 4"
				E- EPDM		12 - 1.25"	
				V- VITON			
L8	6- Stainless Steel	6- Stainless Steel	A- TFM	B- BUNA	CM-COMPRESSION MALE <L8>	1/4" TO 1" ONLY	
			S- SUPRALON	E- EPDM	BL- COMPRESSION FITTING <L8>		
Prefix B41 Revision2 Flanged Full Port							
	4- Carbon Steel	6- Stainless Steel	A- TFM	T- VIRGIN TFE		02 - 1/4"	20 - 2"
	6- Stainless Steel			A- TFM	150R2**- FLANGED 150#	03 - 3/8"	25 - 2.5"
41	Regular Port Flanged Fire Safe-150#		N- NRG	G- GRAPHOIL	150 - for 41 Series	05 - 1/2"	30 - 3"
B41-Rev2	Full Port Flanged Fire Safe-150#				300 - for B42 Series	07 - 3/4"	40 - 4"
B42	Full Port Flanged Fire Safe-300#					10 - 1"	60 - 6"
					**B41 series is R2 = Revision 2	12 - 1.25"	80 - 8"
						15 - 1.5"	
Prefix CleanFlow High Purity							
	6- Stainless Steel	6- Stainless Steel	A- TFM	T- VIRGIN TFE	BWO - BUTT WELD TUBE OD	02 - 1/4"	20 - 2"
SB7	Cast Body and Ends			A- TFM	ETO - TUBE OD END	03 - 3/8"	25 - 2.5"
SB7F	Forged Body and Ends				TC- CLAMP	05 - 1/2"	30 - 3"
SB6	Food Beverage "Tube ID" <TC only>					07 - 3/4"	40 - 4"
						10 - 1"	60 - 6"
						15 - 1.5"	