

# 7000 Series General Purpose Three-Way Direct Acting Valves

## 7133 DIRECT ACTING BRASS VALVES—MULTIPURPOSE, FKM SEALS

Pipe Size NPT	Orifice Body NC (inch)	Orifice Body NO (inch)	Orifice Sleeve Size (inch)	Cv Factor NC	Cv Factor NO	Operating Pressure Differential (PSI)				Max.* Fluid Temp. (F)	Pressure Vessel Catalog Number	UL/CSA** Approval	Const. Ref.	
						Min.	Maximum		10 watt					22 watt
							AC Ratings	DC Ratings						
FLG^	3/32		3/32	0.24	0.24	0	60		60	185	7133FBF4LVJ1	GP	114	
1/8"	1/16		1/16	0.11	0.11	0	150		150	185	7133KBN1GVJ1	GP	116	
	5/64		5/64	0.15	0.15	0	100		100	185	7133KBN1JVJ1	GP	116	
	3/32		3/32	0.24	0.24	0	60		60	185	7133KBN1LVJ1	GP	116	
1/4"	1/32		1/32	0.02	0.02	0	435		435	185	7133KBN2BVJ1	GP	116	
	1/16		1/16	0.10	0.10	0	150		150	185	7133KBN2GVJ1	GP	116	
	5/64		5/64	0.15	0.15	0	100		100	185	7133KBN2JVJ1	GP	116	
	3/32		3/32	0.24	0.24	0	60		60	185	7133KBN2LVJ1	GP	116	
	5/64	5/64		0.17	0.17	0	100		100	185	7133TBN2JV00	GP	119	
	3/32	3/32		0.19	0.19	0	60		60	185	7133TBN2LV00	GP	119	
	1/8	1/8		0.31	0.31	0	30		30	185	7133TBN2NV00	GP	119	

\* Maximum fluid temperatures are provided for Class F coils. Valves with FKM seals (letter 'V' in the 10th position of pressure vessel number) can be used at fluid temperatures up to 250°F on DC and 250°F on AC provided a Class H coil is used. Pressure ratings may be reduced, however. Consult factory for details.

\*\* UL/CSA Approval Information: SS=Safety Shutoff GP=General Purpose Blank=Not Approved See page 136 for additional agency approval information.

^ 2, 3 and 5 station subbases with 1/4" BSP outlet ports and 1/8" BSP outlet ports are available for use with D400 and D500 32mm DIN coils only. For details consult factory.

**#114**

Port Identification:  
Pressure can be applied at either port.

**#116**

Port Identification:  
Pressure can be applied at either port.

**DRAWINGS**

**#119**

Port Identification:  
Pressure can be applied at either port.