

EVERLASTING[®] QUICK OPENING VALVES MEET ASME/ANSI CODE (INDEX B, E, F)

PRESSURE RATING PSIG				Figure No.	End Type	Body Matl.	Available Sizes — Chart shows Suggested Operating Pressure limits for easy operation with standard lever and geared lever. Longer levers are available for higher pressure upon request.					
Primary Service Rating	Max. Blow-Off Service†	Max. Steam Service*	Suitable for Use with Index Letter				¾"	1"	1½"	2"	2½"	
250	200	250	B,E,F	4000-A	SCR	Iron	250	250	250	200	200	100
				4001-A	FLG	Iron	—	250	250	200	200	100
				4010-A	SCR	Iron	—	—	—	250	215	150
				4011-A	FLG	Iron	—	—	—	250	215	150
300	490	605	B,E,F	4000-S (57)	SCR	Steel	300	400	300	200	200	100
				4001-S (57)	FLG	Steel	—	400	300	200	200	100
				4010-S (57)	SCR	Steel	—	—	—	300	215	150
				4011-S (57)	FLG	Steel	—	—	—	300	215	150
600	935	1135	B,E,F	4000-S (58)	SCR	Steel	—	550	450	270	200	100
				4001-S (58)	FLG	Steel	—	550	450	270	200	100
				4010-S (58)	SCR	Steel	—	—	—	300	215	150
				4311-S (58)	FLG	Steel	—	—	—	300	215	150



Fig. 4000 Series Lever Operated

Fig. 4001 Series Lever Operated



Fig. 4010, 4311 Series Lever & Gear Operated
4010 Series Not Illustrated

Features

- Straight-through flow
- Leak proof seal disc has self lapping action, actually improves with use
- Self wiping action of disc—cannot hang-up on boiler scale

How figure 4000 Series operates

Line pressure and heavy spring hold disc firmly against the body seat, sealing off the flow. When operated, the disc slides across the body seat pushing harmful boiler scale away, and wiping clean the precision lapped surfaces.

Hand adjustment of the post packing is eliminated. Post packing is **self-adjusted** by a spring and line pressure. This prevents destructive erosion and leakage of stuffing box.

MATERIAL DATA

Figure No.	Body	Post	Disc	Seat Bushing	Lever Arm	Post Packing	Springs	Body Gasket	Operating Wrench
4000-A 4001-A	Cast Iron	Forged Bronze	Cast Iron		Ductile Iron	V-Ring Packing	17-7PH	Corrugated Stainless Steel	Forged Steel
4000-S (57) 4001-S (57)	Steel	Forged Bronze	Hard Stainless 700 BHN	Hard Stainless 700 BHN	Ductile Iron	V-Ring Packing	17-7PH	Corrugated Stainless Steel	Forged Steel
4010-A 4011-A	Cast Iron	Forged Bronze	Cast Iron		Ductile Iron	V-Ring Packing	17-7PH	Corrugated Stainless Steel	Ductile Iron
4010-S (57) 4011-S (57)	Steel	Forged Bronze	Hard Stainless 700 BHN	Hard Stainless 700 BHN	Ductile Iron	Teflon "V" Ring	17-7PH	Corrugated Stainless Steel	Ductile Iron
4000/4001-S (58) 4010/4311-S (58)	Steel	17-4 PH Stainless	Hard Stainless 700 BHN	Hard Stainless 700 BHN	Ductile Iron	Non-Asbestos	17-7PH	Corrugated Stainless Steel	Ductile Iron

DIMENSIONAL DATA

Rating	Figure No.	Dimension Letter	Size					2½"	
			1"	1½"	2"	2½"	★ (57)	★ (58)	
250 300/600 300/600 250 300 600	4000-A 4000-S (57)(58)★ 4002-S (57)(58)★ 4001-A 4001-S (57) 4001-S (58)	F	3½	3½	4½	4½	5½		
		++F	5	5½	6	6½		13 3/8	13 3/8
		+++F	6½	6½	6½	7½		14½	14½
		B	7½	7½	8½	9	10½		
		B	7½	7½	8½	9	12 3/8		
		B	8½	9	10½	11½	15"		
		J	4	4½	5½	5½	6½		
		L	9	9	12½	18	23		
		L	18½	18½	18	18	23		
		O	55°	55°	55°	60°	60°		
S	1½	1½	2½	2½	2½				

Rating	Figure No.	Dimension Letter	Size			Rating	Figure No.	Dmsn Letter	Size			2½"	
			1½"	2"	2½"				1½"	2"	2½"	★ (57)	★ (58)
250 250	4010-A 4011-A	F	4½	4½	5½	300/600	4010-S (57)(58)★	++F	6	6½		13 3/8	13 3/8
		B	8½	9	10½	300/600	4012-S (57)(58)★	+++F	6½	7½		14½	14½
		J	5½	6½	7½	300	4011-S (57)	B	8½	9	12 3/8		
		L	18½	18½	23	600	4311-S (58)	B	10½	11½	15"		
		Ls	12½	12½	15½			J	5½	5½	6½		
		O	130°	130°	120°			L	17½	18	23		
		S	5	5½	6½			Ls	12½	12½	15½		
								O	130°	130°	120°		
								S	4½	4½	6½		

TO SPECIFY — Everlasting Quick Opening Blow-Off Valve(s): figure number(s) _____, size _____, lever operated, sliding disc packless seating, bolted split body, for _____ lbs. MSWP* meeting ASME/ANSI code.

TO ORDER — Use figure number(s), state size, body material, type connection, for _____ lbs. MSWP*.
*Maximum steam working pressure is governed by safety valve setting.

†Pressures shown are maximum allowed by ASME Code.

↔ New F to F For 2½" valves