

E Type Series Relief Valve (for Pump Relief)

for **Pump Only**

E Type series pump relief valves are specially designed for pump. Their construction prevent hunting or water hammer even in the case of continuous relief.



SL-38E, 40E Type

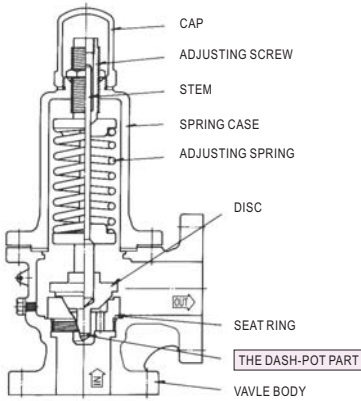


SL-40EF Type

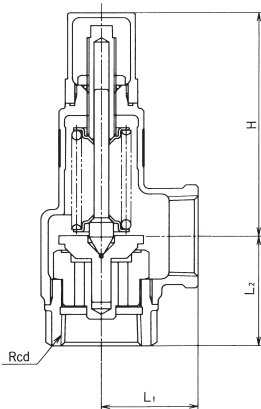


SL-24E Type

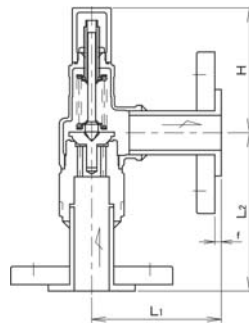
THE DASH-POT PART CONSTRUCTION



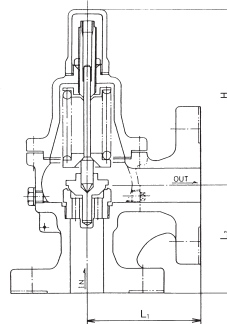
CONSTRUCTION



SL-38E, 40E Type



SL-40EF Type



SL-24E Type

【 DASH-POT TYPE 】

FEATURES

- The dash-pot structure of the disc can inhibit drastic movement of the disc caused by pulsating pressure or fluctuating of pressure.
- It maintains the discharge pressure of pump constantly to relieve increased by change of load of the pump.

SCREWED TYPE

SPECIFICATIONS

Model name	SL-38E		SL-40E	
Code name	SL38E-D □		SL40E-D □	
	※ Code No. of pressure division is required in □. (Refer to page 77)			
Applicable fluid	Water, oil & liquids*			
Size	15~50(1/2"~2")	15~25(1/2"~1")	15~50(1/2"~2")	15~25(1/2"~1")
Set pressure range	0.035~1.0MPa	1.0~1.6MPa	0.035~1.0MPa	1.0~1.6MPa
Applicable temperature	5~80°C(Available up to 150°C upon request)			
End connection	Screwed JIS Rc			
Materials	Body	Stainless steel(Spring case:Cast bronze)		Stainless steel(Spring case:Stainless steel)
	Disc & seat ring	Stainless steel		
Valve body pressure test	2 times of rated pressure. (Hydraulic)			

*Contact our local agent for gasoline, kerosene and solvent medium use.

FLANGE TYPE

SPECIFICATIONS

Model name	SL-40EF		SL-24E	
Code name	SL40EF-D □		SL24E-B □	SL24E-G □
	※ Code No. of pressure division is required in □. (Refer to page 77)			
Applicable fluid	Water, oil & liquids*		Water, oil & liquids	
Set pressure range	0.035~1.0MPa			
Applicable temperature	5~80°C(Available up to 150°C upon request)			
End connection	Flanged JIS 10K(Loose type)		Flanged JIS 10KFF	
Materials	Body	Stainless steel(Spring case:Stainless steel)		Cast iron
	Disc & seat ring	Stainless steel		Brass Stainless steel
Valve body pressure test	2 times of rated pressure. (Hydraulic)		1.5 times of rated pressure. (Hydraulic)	

*Contact our local agent for gasoline, kerosene and solvent medium use.

DIMENSIONS

● SL-38E, 40E TYPE (Screwed Type) (mm)

Size	d	L ₁	L ₂	H	Mass(kg)
15(1/2")	1/2"	30	36	85	0.5
20(3/4")	3/4"	35	40	89	0.6
25(1")	1"	40	46	93	0.8
32(1 1/4")	1 1/4"	50	54	115	1.4
40(1 1/2")	1 1/2"	55	60	120	1.9
50(2")	2"	65	73	152	3.4

● SL-40EF TYPE (Flange Type) (mm)

Size	L ₁	L ₂	H	f	Mass(kg)
15(1/2")	90	110	85	5	2.1
20(3/4")	95	115	89	5	2.5
25(1")	100	124	93	5	4
32(1 1/4")	110	138	115	5	5.5
40(1 1/2")	125	154	120	5	6.5
50(2")	135	164	152	5	9

Flange code JIS 10K

● SL-24E TYPE (Flange Type) (mm)

Size	L ₁	L ₂	H	Mass(kg)
15(1/2")	70	70	116	3
20(3/4")	75	75	120	4
25(1")	85	85	129	5.6
40(1 1/2")	100	95	226	12
50(2")	110	105	255	15
65(2 1/2")	135	115	291	22
80(3")	145	125	371	30

Flange code JIS 10KFF