



### A46C Type Pilot-operated pressure relief valve

#### Main property and specification

Normal Pressure	PN	150	300	600	900	1500
Body strength	Ps (Mpa)	3.0	7.5	15	22.5	35
Set pressure	Pk (Mpa)	0.1~2	1.6~5	3.2~10	8~15	10~25
Seal pressure	Pm	90%Pk				
Reseating pressure	Ph	≥90%Pk				
Relieving pressure	Pp	≤1.03Pk				
Lift	H (mm)	≥1/4 do				
Appropriate temperature		≤250℃				
Appropriate medium		Gas, Steam etc, Crude oil, Natural gas				

#### Code of throat diameter

Code	Diameter	Code	Diameter
D	10	L	50
E	13	M	55
F	16	N	60
G	20.5	P	72
H	26	Q	96
J	33	R	115
K	40	T	148

#### Main Dimension

Size	Orifice	Inlet Lb	Outlet Lb	Dimension			Size	Orifice	Inlet Lb	Outlet Lb	Dimension		
				L	L1	C					L	L1	C
1×2	D.E.F	150	150	115	105	406	2×3	G.H.J	150	150	124	130	457
		300	150	115	105	406			300	150	124	130	457
		600	150	115	105	406			600	150	124	130	457
		900	300	121	125	508			900	300	171	167	559
		1500	300	121	125	508			1500	300	171	167	559
		2500	300	121	125	508			2500	300	171	178	584
1 1/2×2	D.E.F	150	150	121	124	432	3×4	J.K.L	150	150	162	156	483
		300	150	121	124	432			300	150	162	156	483
		600	150	121	124	432			600	150	162	162	483
		900	300	140	149	533			900	300	181	190	610
		1500	300	140	149	533			1500	300	181	190	610
		2500	300	140	149	533							
1 1/2×3	G.H	150	130	124	130	457	4×6	L.M.N.P	150	150	229	181	559
		300	130	124	130	457			300	150	229	181	559
		600	130	124	130	457			600	150	229	181	559
		900	162	171	162	559			900	300	233	249	711
		1500	162	171	162	559			1500	300	233	249	711
		2500	162	171	162	559			1500	600	264	249	711
6×8	Q. R	150	150	241	240	635	8×10	T	150	150	279	276	711
		300	150	241	240	635			300	150	279	276	711
		600	150	241	240	635			600	150	279	276	737