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DIE ERSTE INDUSTRY CO., LTD.
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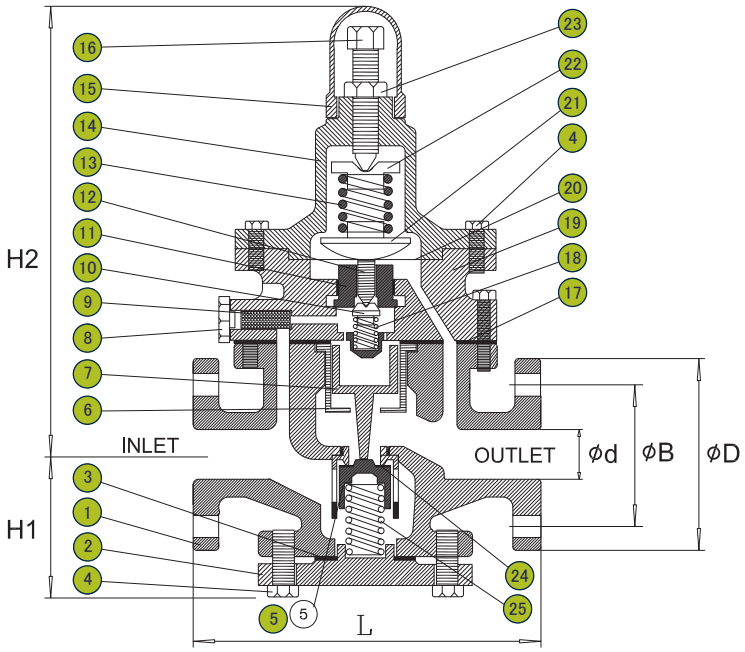
DIRECT-ACTING PRESSURE REDUCING VALVE

Model : Series PRV-13F ANSI Class 150

- **Body Material**
  ASTM A126 Gr. B/GG25/FC20
- **Size Range**
  1/2" - 6" (DN15-DN150)
- **End Connection**
  Flanged
- **Temperature Range**
  -20°F to 400°F (-29°C to 200°C) with PTFE+25%carbon seats
- **Flange Rating**
  ANSI Class 150, DIN PN16, JIS10K
- **Working Pressure**
  10 barg
- **Application**
  Air, Steam



MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	CAST IRON
2	BOTTOM COVER	CAST IRON
3	GASKET	ASBESTOS* / CONIGA 6500
4	BODY BOLT	SUS41
5	SEAT	CF8
6	CYLINDER	CF8
7	PISTON	CF8
8	STRAINER PLUG	SUS41
9	SCREEN	SUS304
10	SPRING KNOB	SUS304
11	PIN GUIDE	SUS304
12	FLOATING PIN	SUS304
13	UPPER SPRING	SUP-6
14	TOP UD	CAST IRON
15	TOP CAP	CAST IRON
16	ADJUSTING SCREW	SUS41
17	BODY GASKET	ASBESTOS* / CONIGA 6500
18	SETRAL SPRING	SUS304
19	TRANSIT BODY	CAST IRON
20	DIAPHRAGM DISC	SUS301
21	SPRING KNOB	SUS41
22	SPRING HOLDER	SUS41
23	PISTONING NUT	SUS41
24	GASKET	PTFE + 25% CARBON
25	LOWER SPRING	SUP-6

*Asbestos as standard, Cogniga 6500 upon request.

ANSI Class 150 Dimensions (mm):

SIZE In	SIZE DN	d	L	D	B	H1	H2	N	M
1/2"	15	15	155	89	60.5	74	260	4	15
3/4"	20	20	155	98	70.0	74	260	4	15
1"	25	25	165	108	79.5	74	260	4	15
1-1/4"	32	32	195	117	89.0	99	280	4	15
1-1/2"	40	40	195	127	98.5	99	280	4	15
2"	50	50	225	152	120.5	116	310	4	19
2-1/2"	65	65	250	178	139.5	125	322	4	19
3"	80	80	290	190	152.5	135	325	4	19
4"	100	100	330	229	190.5	153	370	8	19
5"	125	125	410	254	216.0	195	540	8	22
6"	150	150	410	279	241.5	195	540	8	22

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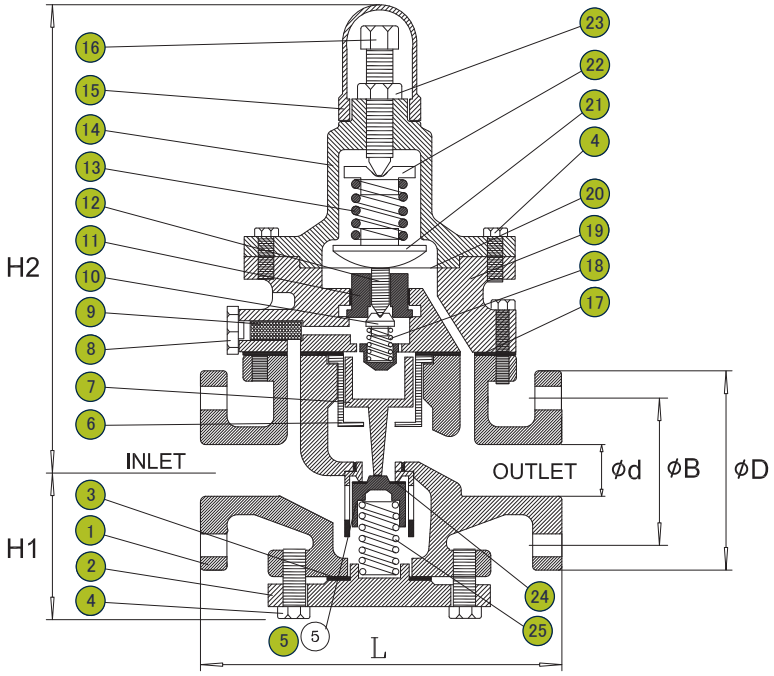
DIRECT-ACTING PRESSURE REDUCING VALVE

Model : Series PRV-13F DIN PN16

- **Body Material**
  ASTM A126 Gr. B/GG25/FC20
- **Size Range**
  1/2" - 6" (DN15-DN150)
- **End Connection**
  Flanged
- **Temperature Range**
  -20°F to 400°F (-29°C to 200°C) with PTFE+25%carbon seats
- **Flange Rating**
  ANSI Class 150, DIN PN16, JIS10K
- **Working Pressure**
  10 barg
- **Application**
  Air, Steam



MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	CAST IRON
2	BOTTOM COVER	CAST IRON
3	GASKET	ASBESTOS* / CONIGA 6500
4	BODY BOLT	SUS41
5	SEAT	CF8
6	CYLINDER	CF8
7	PISTON	CF8
8	STRAINER PLUG	SUS41
9	SCREEN	SUS304
10	SPRING KNOB	SUS304
11	PIN GUIDE	SUS304
12	FLOATING PIN	SUS304
13	UPPER SPRING	SUP-6
14	TOP UD	CAST IRON
15	TOP CAP	CAST IRON
16	ADJUSTING SCREW	SUS41
17	BODY GASKET	ASBESTOS* / CONIGA 6500
18	SETRAL SPRING	SUS304
19	TRANSIT BODY	CAST IRON
20	DIAPHRAGM DISC	SUS301
21	SPRING KNOB	SUS41
22	SPRING HOLDER	SUS41
23	PISTONING NUT	SUS41
24	GASKET	PTFE + 25% CARBON
25	LOWER SPRING	SUP-6

*Asbestos as standard, Cogniga 6500 upon request.

DIN PN16 Dimensions (mm):

SIZE In	SIZE DN	d	L	D	B	H1	H2	N	M
1/2"	15	15	155	95	65	74	260	4	14
3/4"	20	20	155	105	75	74	260	4	14
1"	25	25	165	115	85	74	260	4	14
1-1/4"	32	32	195	140	100	99	280	4	18
1-1/2"	40	40	195	150	110	99	280	4	18
2"	50	50	225	165	125	116	310	4	18
2-1/2"	65	65	250	185	145	125	322	4	18
3"	80	80	290	200	160	135	325	8	18
4"	100	100	330	220	180	153	370	8	18
5"	125	125	410	250	210	195	540	8	18
6"	150	150	410	285	240	195	540	8	22

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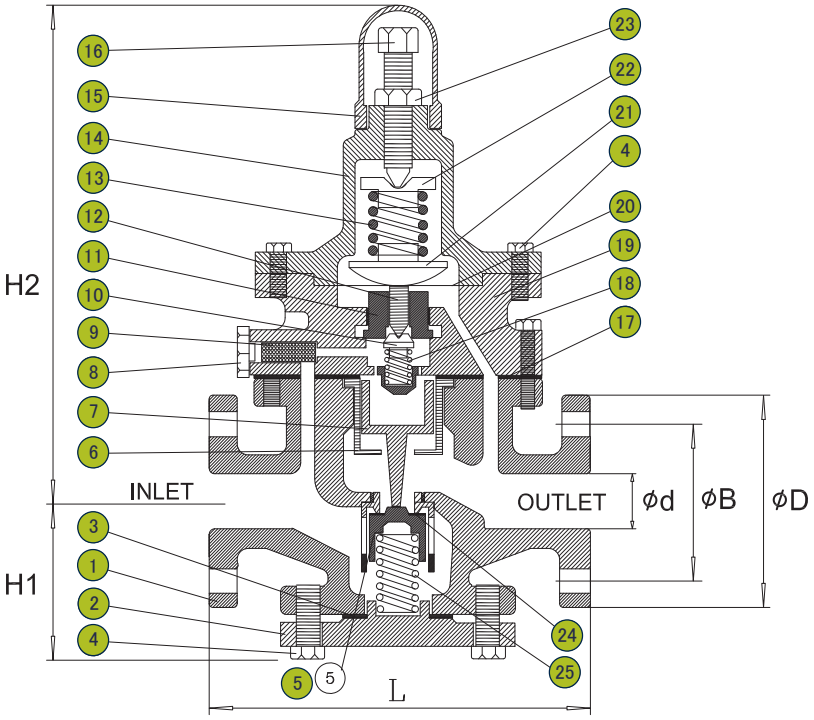
DIRECT-ACTING PRESSURE REDUCING VALVE

Model : Series PRV-13F JIS10K

- **Body Material**
  ASTM CF8/DIN 1.4301/SCS13, ASTM A126 Gr. B/GG25/FC20
- **Size Range**
  Cast Iron 1/2" - 6" (DN15-DN150); SS 1/2"-4" (DN15-DN100)
- **End Connection**
  Flanged
- **Temperature Range**
  -20°F to 400°F (-29°C to 200°C) with PTFE+25%carbon seats
- **Flange Rating**
  ANSI Class 150, DIN PN16, JIS10K
- **Working Pressure**
  10 barg
- **Application**
  Air, Steam



MATERIALS LIST:

NO.	PART NAME	MATERIAL
1	BODY	CAST IRON / SCS 13
2	BOTTOM COVER	CAST IRON / SCS 13
3	GASKET	ASBESTOS* / CONIGA 6500
4	BODY BOLT	SUS41
5	SEAT	SCS 13
6	CYLINDER	SCS 13
7	OISTON	SCS 13
8	STRAINER PLUG	SUS41
9	SCREEN	SUS304
10	SPRING KNOB	SUS304
11	PIN GUIDE	SUS304
12	FLOATING PIN	SUS304
13	UPPER SPRING	SUP-6
14	TOP UD	CAST IRON / SCS 13
15	TOP CAP	CAST IRON / SCS 13
16	ADJUSTING SCREW	SUS41
17	BODY GASKET	ASBESTOS* / CONIGA 6500
18	SETRAL SPRING	SUS304
19	TRANSIT BODY	CAST IRON / SCS 13
20	DIAPHRAGM DISC	SUS301
21	SPRING KNOB	SUS41
22	SPRING HOLDER	SUS41
23	PISTONING NUT	SUS41
24	GASKET	PTFE + 25% CARBON
25	LOWER SPRING	SUP-6

*Asbestos as standard, Cogniga 6500 upon request.

JIS10K Dimensions (mm):

SIZE In	SIZE DN	d	L	D	B	H1	H2	N	M
1/2"	15	15	155	95	70	74	260	4	15
3/4"	20	20	155	100	75	74	260	4	15
1"	25	25	165	125	90	74	260	4	19
1-1/4"	32	32	195	135	100	99	280	4	19
1-1/2"	40	40	195	140	105	99	280	4	19
2"	50	50	225	155	120	116	310	4	19
2-1/2"	65	65	250	175	140	125	322	4	19
3"	80	80	290	185	150	135	325	8	19
4"	100	100	330	210	175	153	370	8	19
5"	125	125	410	250	210	195	540	8	23
6"	150	150	410	280	240	195	540	8	23

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