

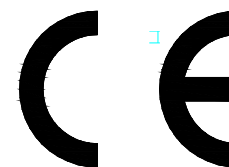
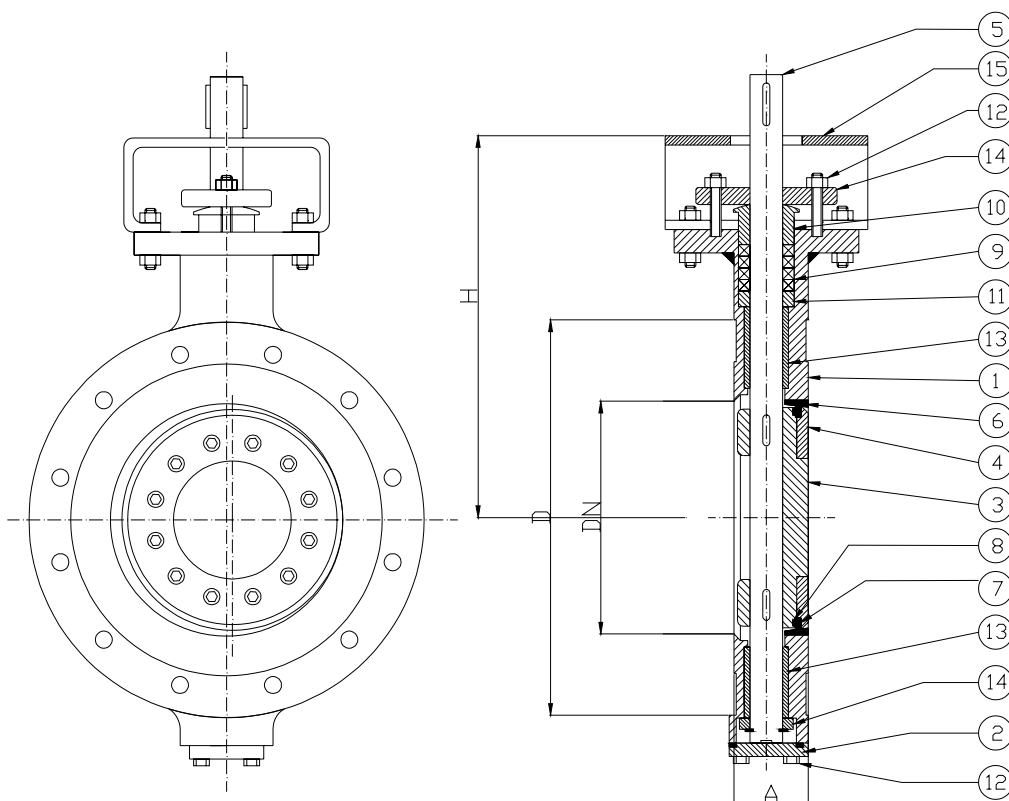
Triple Offset Butterfly Valve



PN 25 DN 80 - DN 600

Lug type drilling PN 25 or PN 16 or PN 10

Fig. 142L-542L



0948

Rel. 2.0

Standard features:

- Design EN 12516
 EN 593
- Face to face ISO 5752 col. 25
- Materials EN 10025
 EN 10028
 EN 1503
- Bolts and nuts EN 1515-1
- Welding overlay AD-M HP 0
- Testing EN 12266
 EN 593
- Marking EN 19
- Certificates EN 10204

Optional versions:

- AD 2000 – A4
- TRD 110
- ATEX compliant
- TA-Luft
- ISO 15848
- With special devices

	DESCRIPTION	FIG. 142L	FIG. 242L	FIG. 342L	FIG. 342L-J	FIG. 442L	FIG. 542L
1	Body	1.0044	1.0352	1.4571	1.4301	1.7335	1.1104
2	Cover	1.0044	1.0352	1.4571	1.4301	1.7335	1.1104
3 x	Disc	1.0044	1.0352	1.4571	1.4301	1.7335	1.1104
4	Retainer ring	1.0044	1.0352	1.4571	1.4301	1.7335	1.1104
5 x	Shaft	1.4021 ⁽¹⁾	1.4021 ⁽¹⁾	1.4571 ⁽¹⁾	1.4301 ⁽¹⁾	1.4021 ⁽¹⁾	1.4021 ⁽¹⁾
6	Body seats	1.4502 ⁽²⁾	1.4502 ⁽²⁾	1.4571 ⁽²⁾	1.4301 ⁽²⁾	1.4502 ⁽²⁾	1.4502 ⁽²⁾
7 x	Seal ring	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾
8 O	Gasket	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾
9 O	Packing	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾	Graphite+1.4401 ⁽³⁾
10 x	Gland	1.0402	1.0402	1.4401	1.4301	1.0402	1.0402
11 x	Spacer	1.0402	1.0402	1.4401	1.4301	1.0402	1.0402
12	Bolts	1.7225 ⁽⁴⁾	1.7225 ⁽⁴⁾	1.4301 ⁽⁴⁾	1.4301 ⁽⁴⁾	1.7225 ⁽⁴⁾	1.7225 ⁽⁴⁾
12	Nuts	1.1191 ⁽⁴⁾	1.1191 ⁽⁴⁾	1.4301 ⁽⁴⁾	1.4301 ⁽⁴⁾	1.1191 ⁽⁴⁾	1.1191 ⁽⁴⁾
13 x	Bush	1.4401 NHT	1.4401 NHT	1.4401 NHT	1.4401 NHT	1.4401 NHT	1.4401 NHT
14	Gland flange	1.0352	1.0352	1.4301	1.4301	1.0352	1.4301
15	Bracket	Pressed steel	Pressed steel	Pressed steel	Pressed steel	Pressed steel	Pressed steel

⁽¹⁾ Also available on request 1.4571, 1.4301, 1.3964, Hastelloy, or other materials.

⁽²⁾ Also available on request stellite, 1.4462 (duplex), 1.4430, 1.4316, Hastelloy, or other materials.

⁽³⁾ Also available on request PTFE, Gore-tex, graphite, or other materials and different desing (e.g. cam-profile).

⁽⁴⁾ Also available on request 1.7225 / 1.1191, 1.7711 / 1.7225, 1.4401, 1.4301, A4-70 or other materials.

⁽⁵⁾ Also available on request Graphite+ 1.4462 (duplex), PTFE + 1.4401, or other materials.

Equivalent or superior materials can be supplied if the listed material is not available (e.g. 1.0425 can replace 1.0352 for some sizes).

O recommended spare parts for 2 years standard service; x recommended spare parts for 5 years standard service.

Dimensions

	DN	A	D	H	Kg	⁽⁶⁾ Δp	
						Δp1	Δp2
PN 25	80	49	200	250	19	20	12
	100	56	235	280	20	20	12
	125	64	270	305	24	20	12
	150	70	300	315	26	20	12
	200	71	360	380	40	20	12
	250	76	425	420	55	20	12
	300	83	485	480	90	20	12
	350	92	555	515	125	20	12
	400	102	620	540	170	20	12
	450	114	670	570	205	20	12
	500	127	730	630	280	20	12
600	154	845	680	395	20	12	

⁽⁶⁾ Δp1 maximum differential pressure with shaft in 1.4021 or 1.3964. Δp2 maximum differential pressure with shaft in 1.4571 or 1.4301.

Pressure Temperature Ratings (°C / bar)

	PN	-195	-150	-100	-50	-10	0	20	100	150	200	250	300	350	400	425	450	475	500	525	550	575	600
Fig. 142L	25				25.0	25.0	24.7	23.3	21.4	19.4	17.8	16.1											
Fig. 242L	25				25.0	25.0	24.7	23.3	21.4	19.4	17.8	16.1	15.0	14.4	11.8	9.2							
Fig. 342L ⁽⁷⁾	25			25.0	25.0	25.0	25.0	24.1	20.6	19.2	17.8	16.9	16.1	15.3	14.4	14.2	13.9	13.6	13.3	13.1	12.8		
Fig. 342L-J	25	25.0	25.0	25.0	25.0	25.0	25.0	23.6	17.8	15.8	13.9	13.1	12.2										
Fig. 442L ⁽⁸⁾	25				25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	23.9	22.2	15.7	9.2	11.1	13.0	9.6	6.1			
Fig. 542L	25				25.0	25.0	25.0	24.4	22.2	21.1	20.0	19.4	18.9										

Please, in the inquiry and in the order, specify always the maximum service temperature when it's over 100 °C.

If the valves are provided with connection PN 16 or PN 10 the maximum allowable pressure should be proportionally reduced.

⁽⁷⁾ Suitable over 450 °C only if provided with stellite seat. ⁽⁸⁾ Suitable over 530 °C only if provided with 1.3964 shaft.

General sale and delivery conditions and product guarantee as specified in the general brochure.

Due to constant improvement all data and details contained in this catalogue are purely indicative and they can be subjected to change without notice.