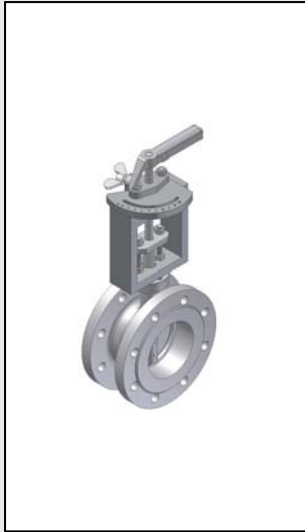


Type FLD – Standard design



General:

The flange-throttle valve Type FLD-16 by JASTA is a connection with the flanges PN-6, PN-10, PN-16, or ANSI 150 lbs. It's frequently used in the apparatus- and boiler engineering, as well as in the energy industry or coking plants, and melting furnaces.

FLD-16 stands out due to its highly robust construction design while it ensures reliable operation at any time and regardless of difficult or adverse conditions.

Fields of application:

Apparatus- and boiler engineering, energy industry, steam generation, food industry, heat exchanger, air pollution control, process technology, heat recovery, coking plants, mills, melting furnaces, foundries etc.

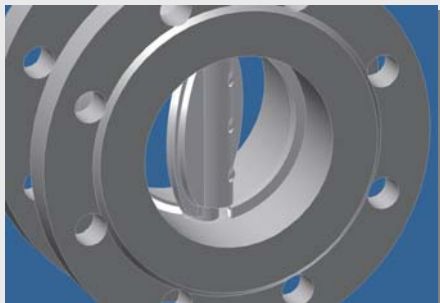
Specification (standard design)

Customized solutions and modifications are available. Please enquire separate.

DN	32 up to 3000
Type	Flange design
DIN	PN-6; PN-10; PN-16, ANSI 150 lbs
Operation temperature	-40°C up to + 1000°C
Leakage rate approx.	Ca. 2% to 0,02 % of Kv 90°
Actuation modes	Electric, pneumatic, hydraulic, manual
Material combinations	Cast, steel, stainless steel
Connection flange	Possible according ISO 5211
Shaft sealing	Packing, o-rings, TA-air (German Clean Air Act) possible
Shaft bearing	Friction bearing, flange bearing, external bearing possible
Progr. locking mechanism	Possible with specific hand actuation

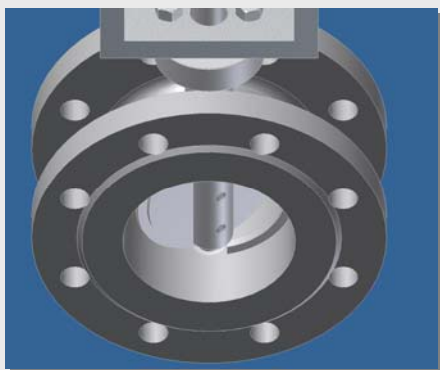
Sealing modes

With landing bar and flexible sealing coated on 3 sides



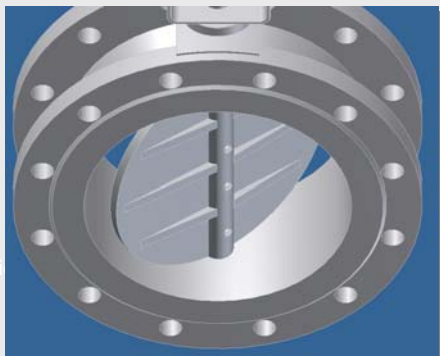
With landing bar and flexible sealing coated on 3 sides.
Leakage rate: Approx. 0,05 to 0,02 % of Kv 90° - depending on design

With landing bar

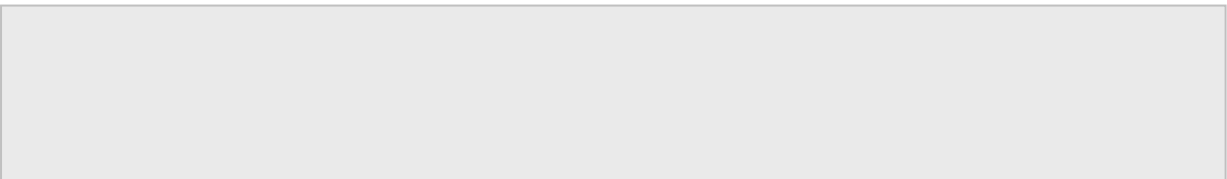


With landing bar.
Leakage rate: Approx. 0,5 to 0,2 % of Kv 90° - depending on design.

Without landing bar

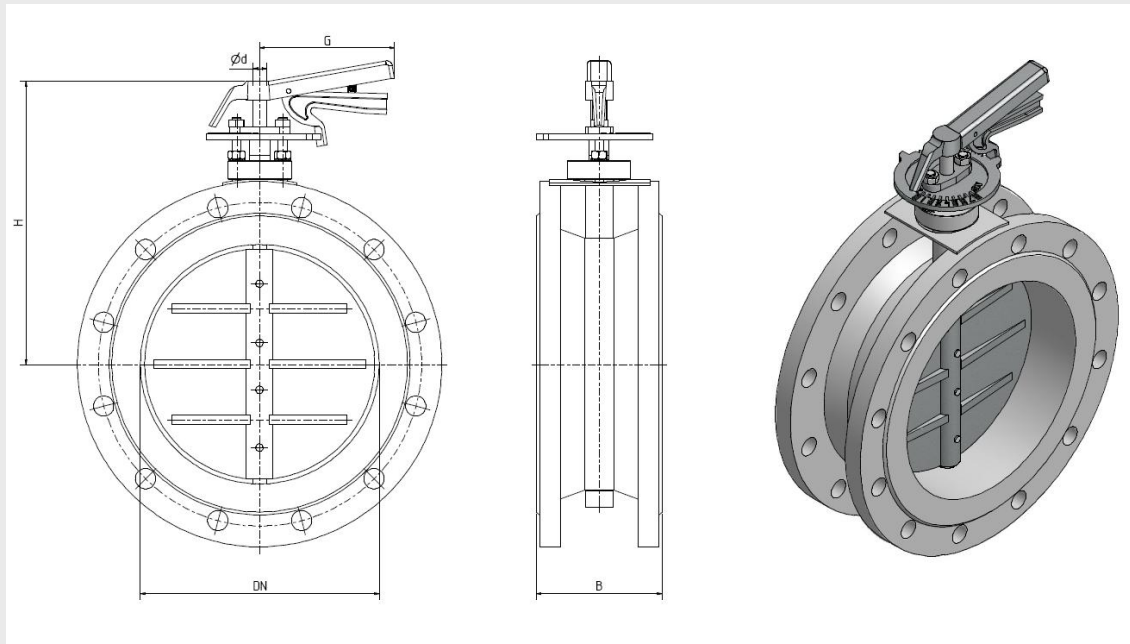


Without landing bar.
Leakage rate: Approx. 1 % of KV 90°



Flanged-throttle Valves

Type FLD – Dimensions/weights



The weights refer to the valves in standard design.

DN	d	G	H	[kg]	Flanges	Flanges	Flanges
					according PN-6	according PN-10	according PN-16
					B	B	B
32	10	100	161		70	80	80
40	10	100	165		75	85	85
50	10	100	171		75	90	90
65	12	120	184		75	90	90
80	12	120	190		85	100	100
100	12	120	203		90	105	105
125	12	145	216		95	110	110
150	15	145	234		95	110	110
200	15	145	260		110	125	125
250	15	155	287		120	135	140
300	20	155	332		125	135	155
350	30	210	393		125	135	165
400	30	210	438		130	145	170
500	30	210	489		135	150	180
600	30	210	540		140	160	190

Subject to change without notice