Type EDR – Standard design

General:

JASTA´s throttle valves Type EDR are connections to be welded into the pipe in place. The standard model is especially employed in glass factories, silos, brick-works, and in the cement industry. However, the custom-made design makes this valve as well an ideal solution for the requirements of sectors like e.g. the chemical or food industry. The EDR-model represents a particularly economic start into our portfolio – even long conveying distances are no challenge for the valve when it comes to the perfect regulation of liquid, granular and vaporous media in line with their production process. The tubular diameters are engineered by us according to ISO-recommendation. Please get in contact with us, if you wish for more information on other dimensions.

Fields of application:

Silos, brick-works, Glass factories etc.

Specification (standard design)

Customized solutions and modifications are available. Please enquire separate.

DN	21,0 – 558,0 bigger nominal widths on request
Type	Welding model
Pipe dimension	According ISO recommendations
Operating temperatures	-40°C up to + 1000°C
Leakage rates	Approx. 2% to 0,5 % of Kv 90°
Actuation modes	Electric, pneumatic, hydraulic, hand
Material combinations	Steel/stainless steel/brass
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.

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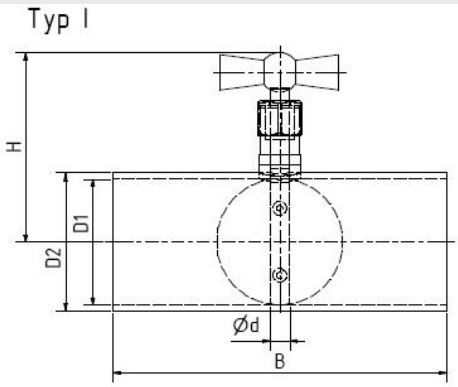
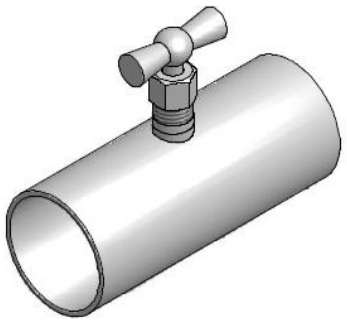
EDR Type I – Dimensions/weights



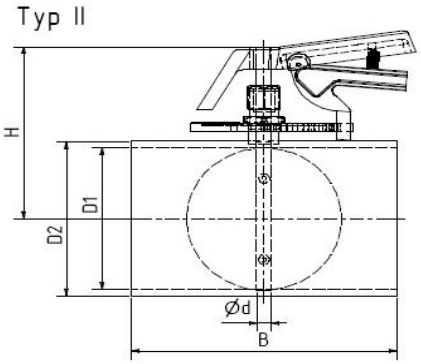


The weights refer to the valves in standard design.

D1	D2	d	H	B	[kg]
17,3	**21**	**8**	**81**	**80**	
22.3	27	8	84	100	
27	**33,7**	**8**	**87**	**130**	
33	38	8	89	140	
37	**42,4**	**8**	**91**	**140**	
39	44,5	8	92	140	
43	**48**	**8**	**94**	**140**	
46	51	8	96	150	
49	**54**	**10**	**97**	**150**	
51	57	10	99	150	
54	**60,3**	**10**	**100**	**150**	
57	63,5	10	102	150	
64	**70**	**10**	**105**	**170**	
70	76,1	10	108	170	
76	**82,5**	**10**	**111**	**170**	
82	88,9	10	114	180	
88	**95**	**10**	**118**	**180**	
94	101,6	10	121	180	
100	**108**	**10**	**124**	**180**	
107	114,3	10	127	180	
119	**127**	**12**	**144**	**200**	
125	133	12	147	200	
131,7	**139,7**	**12**	**150**	**200**	
137	146	12	153	200	
150	**159**	**12**	**160**	**230**	
159	168,3	12	164	230	
167,8	**177,8**	**12**	**169**	**230**	
182	193,7	12	177	300	
207	**219,1**	**12**	**190**	**300**	
254	267	15	282	300	
260,4	**273**	**15**	**285**	**300**	
309	323,9	20	330	330	
339	**355,6**	**20**	**346**	**330**	
389	406,4	20	371	330	
399	**419**	**20**	**378**	**330**	
486	508	25	462	330	
544	**559**	**25**	**487**	**330**	

Subject to change without notice

EDR Type II – Dimensions/weights

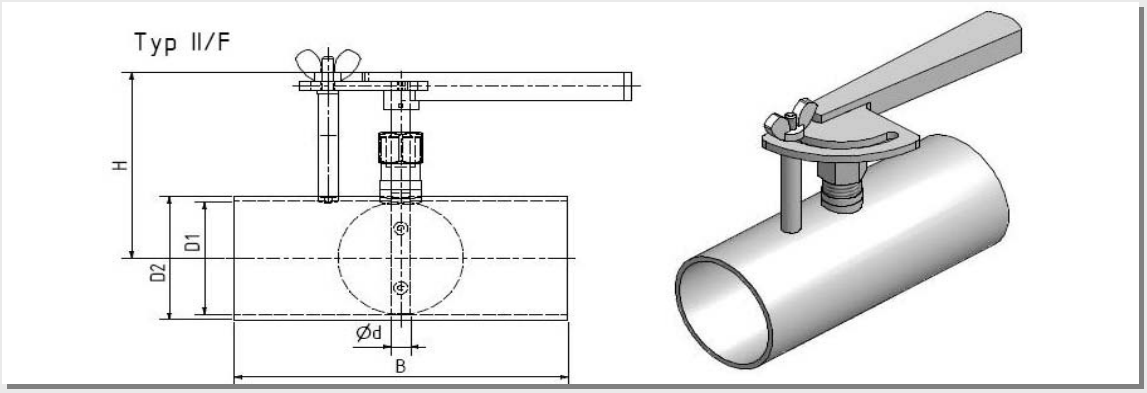


The weights refer to the valves in standard design.

D1	D2	d	H	B	[kg]
17,3	**21**	**8**	**81**	**80**	
22.3	27	8	84	100	
27	**33,7**	**8**	**87**	**130**	
33	38	8	89	140	
37	**42,4**	**8**	**91**	**140**	
39	44,5	8	92	140	
43	**48**	**8**	**94**	**140**	
46	51	8	96	150	
49	**54**	**10**	**97**	**150**	
51	57	10	99	150	
54	**60,3**	**10**	**100**	**150**	
57	63,5	10	102	150	
64	**70**	**10**	**105**	**170**	
70	76,1	10	108	170	
76	**82,5**	**10**	**111**	**170**	
82	88,9	10	114	180	
88	**95**	**10**	**118**	**180**	
94	101,6	10	121	180	
100	**108**	**10**	**124**	**180**	
107	114,3	10	127	180	
119	**127**	**12**	**144**	**200**	
125	133	12	147	200	
131,7	**139,7**	**12**	**150**	**200**	
137	146	12	153	200	
150	**159**	**12**	**160**	**230**	
159	168,3	12	164	230	
167,8	**177,8**	**12**	**169**	**230**	
182	193,7	12	177	300	
207	**219,1**	**12**	**190**	**300**	
254	267	15	282	300	
260,4	**273**	**15**	**285**	**300**	
309	323,9	20	330	330	
339	**355,6**	**20**	**346**	**330**	
389	406,4	20	371	330	
399	**419**	**20**	**378**	**330**	
486	508	25	462	330	
544	**559**	**25**	**487**	**330**	

Subject to change without notice

EDR Type II/F – Dimensions/weights



The weights refer to the valves in standard design.

D1	D2	d	H	B	[kg]
17,3	**21**	**8**	**81**	**80**	
22.3	27	8	84	100	
27	**33,7**	**8**	**87**	**130**	
33	38	8	89	140	
37	**42,4**	**8**	**91**	**140**	
39	44,5	8	92	140	
43	**48**	**8**	**94**	**140**	
46	51	8	96	150	
49	**54**	**10**	**97**	**150**	
51	57	10	99	150	
54	**60,3**	**10**	**100**	**150**	
57	63,5	10	102	150	
64	**70**	**10**	**105**	**170**	
70	76,1	10	108	170	
76	**82,5**	**10**	**111**	**170**	
82	88,9	10	114	180	
88	**95**	**10**	**118**	**180**	
94	101,6	10	121	180	
100	**108**	**10**	**124**	**180**	
107	114,3	10	127	180	
119	**127**	**12**	**144**	**200**	
125	133	12	147	200	
131,7	**139,7**	**12**	**150**	**200**	
137	146	12	153	200	
150	**159**	**12**	**160**	**230**	
159	168,3	12	164	230	
167,8	**177,8**	**12**	**169**	**230**	
182	193,7	12	177	300	
207	**219,1**	**12**	**190**	**300**	
254	267	15	282	300	
260,4	**273**	**15**	**285**	**300**	
309	323,9	20	330	330	
339	**355,6**	**20**	**346**	**330**	
389	406,4	20	371	330	
399	**419**	**20**	**378**	**330**	
486	508	25	462	330	
544	**559**	**25**	**487**	**330**	

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