



CHECK VALVE zCHE



Body material	Nominal pressure	Nominal diameter	Max. temperature
D Nodular cast iron	C 16 bar B 10 bar	DN 50-300 DN 350-500	70°C

FEATURES

- very slight pressure drop
- full bore
- self cleaning
- silent
- horizontal and vertical installation

APPLICATION

industries



INDUSTRY

media



SEWAGE

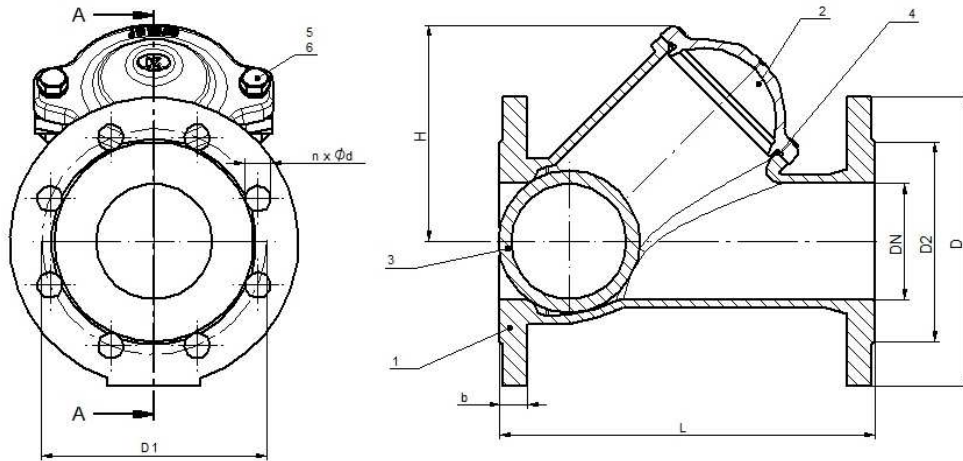


INDUSTRIAL
WATER



NEUTRAL
FLUIDS

FIG.400

MATERIALS, DIMENSIONS


	Body material	D
	Type	55
1	Body	EN- GJS- 500-7 5.3200 (ex.JS 1050)
2	Cover	EN- GJS- 500-7 5.3200 (ex.JS 1050)
3	Ball	Steel/ NBR
4	O - ring	NBR
5	Bolt	AISI 304
6	Nut	AISI 304
Max. temperature		70°C

DN		50	65	80	100	125	150	200	250	300	350	400	500
L (mm)		200	240	260	300	350	400	500	600	700	800	900	1150
D (mm)		165	185	200	220	250	285	340	405	460	520	580	715
EN1092-2- PN10	D1 (mm)	125	145	160	180	210	240	295	350	400	460	515	620
	D2 (mm)	99	118	132	156	184	211	266	319	370	429	480	582
	n-d (mm)	4-19	4-19	8-19	8-19	8-19	8-23	8-23	12-23	12-23	16-23	16-28	20-28
EN1092-2- PN16	D1 (mm)	125	145	160	180	210	240	295	355	410	-----	-----	-----
	D2 (mm)	99	118	132	156	184	211	266	319	370	-----	-----	-----
	n-d (mm)	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28	-----	-----	-----
b (mm)		19	19	19	19	19	19	20	22	24,5	26,6	28	31,5
H (mm)		100	125	136	185	196	265	330	420	480	617	680	1180
K _{vs} (m³/h)		90	140	253	369	642	962	1990	3100	4100	5050	6500	7800
Weight (kg)		7,22	10,11	12,16	17,22	27,00	37,80	67,80	104,00	164,50	229,80	289,50	538,00

Data given can be changed without notice.

Edition 01/2018

PRESSURE-TEMPERATURE RATINGS

Acc. EN 1092-2	PN		-10°C÷70°C
EN-GJS-500-7	10	bar	10
	16		16

TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
400	D Nodular cast iron EN-GJS-500-7	50-300 mm	C 16 bar	55 steel NBR coated ball; steel/NBR seat; epoxy paint
		350-500 mm	B 10 bar	55 steel NBR coated ball; steel/NBR seat; epoxy paint

ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
400	D Nodular cast iron EN-GJS-500-7	350-500 mm	B 10 bar	55 steel NBR coated ball; steel/NBR seat; epoxy paint

Order example acc. index

400 D 350 B 55

Check valves, ends flanged, form Y-type
Nodular cast iron EN-GJS-500-7
Nominal diameter (mm)
Nominal pressure PN 10
Steel NBR coated ball; steel/NBR seat; epoxy paint

400 D 350 B 55