

GAS FULL PORT VALVE EN 331 & DIN-DVGW RSO/T, RSO/T-Y AND RSO/T-F SERIES

FEATURES RSO/T

- Valve body: brass nickel plated
- Ball: brass chromium plated
- Ball and stem gaskets: teflon
- "O" ring seal
- Max. operating pressure: 4 bar
- Operating temperature: -20°C + 60°C
- Flow direction and mounting position: any
- Available with 1/4" up to 2" female-female threading.
- According to EN 331



F145101

FEATURES RSO/T-Y

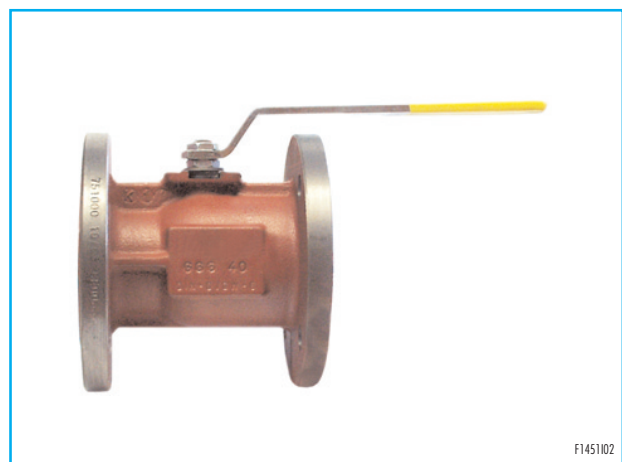
- Valve body: brass nickel plated
- Ball: brass chromium plated
- Ball and stem gaskets: teflon
- "O" ring seal
- Max. operating pressure: 16 bar
- Operating temperature: -20°C + 90°C
- Flow direction and mounting position: any
- Available with 1/4" up to 1" female-female and male-female threading.
- According to EN 331



F145102

FEATURES RSO/T-F

- Valve body: cast iron EN-GJS 400
- Ball: brass chromium plated
- Ball and stem gaskets: teflon
- "O" ring seal
- Max. operating pressure: 16 bar
- Operating temperature: -20°C + 120°C
- Flow direction and mounting position: any
- Available with DN50 PN16 up to DN125 PN16 flanges.
- According to DIN-DVGW



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APPLICATIONS

- Manual isolating valves.
- Available with 1/4" up to 2" threading (handle version).
- Available with 1/4" up to 1" threading (knob version).
- Available with DN50 PN16 up to DN125 PN16 flanges.

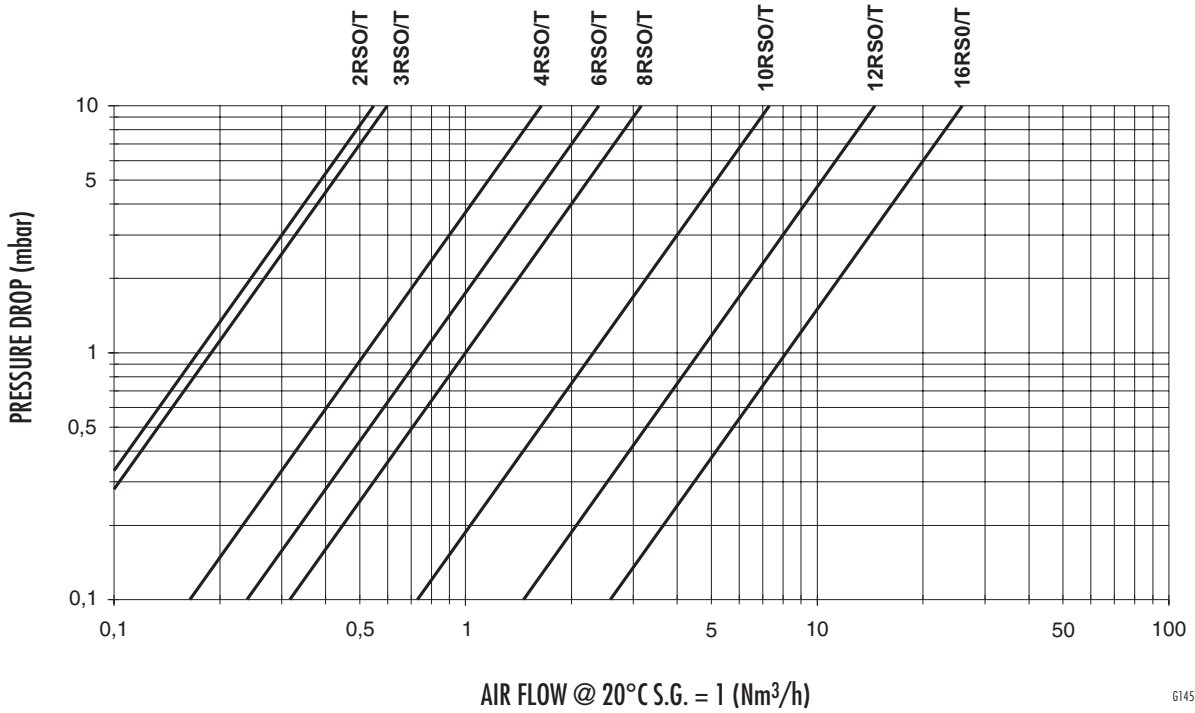
INSTALLATION

- Ball valves may be mounted to operate in any position.
- Robust design ensures extended operation in extreme conditions.
- Flanged design makes installation easier.

DESCRIPTION

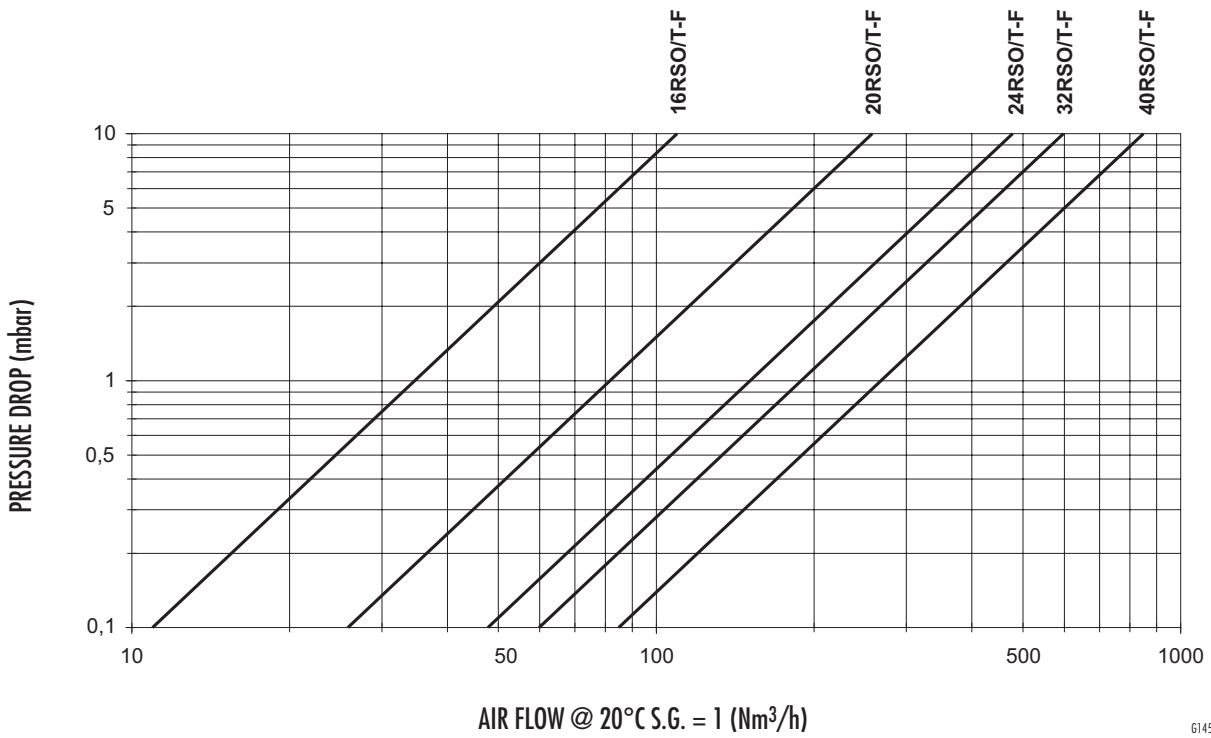
The RSO/T, RSO/T-Y and RSO/T-F series are threaded and flanged gas ball valves. Features and dimensions are listed in the manufactures catalogue.

CAPACITY TABLE



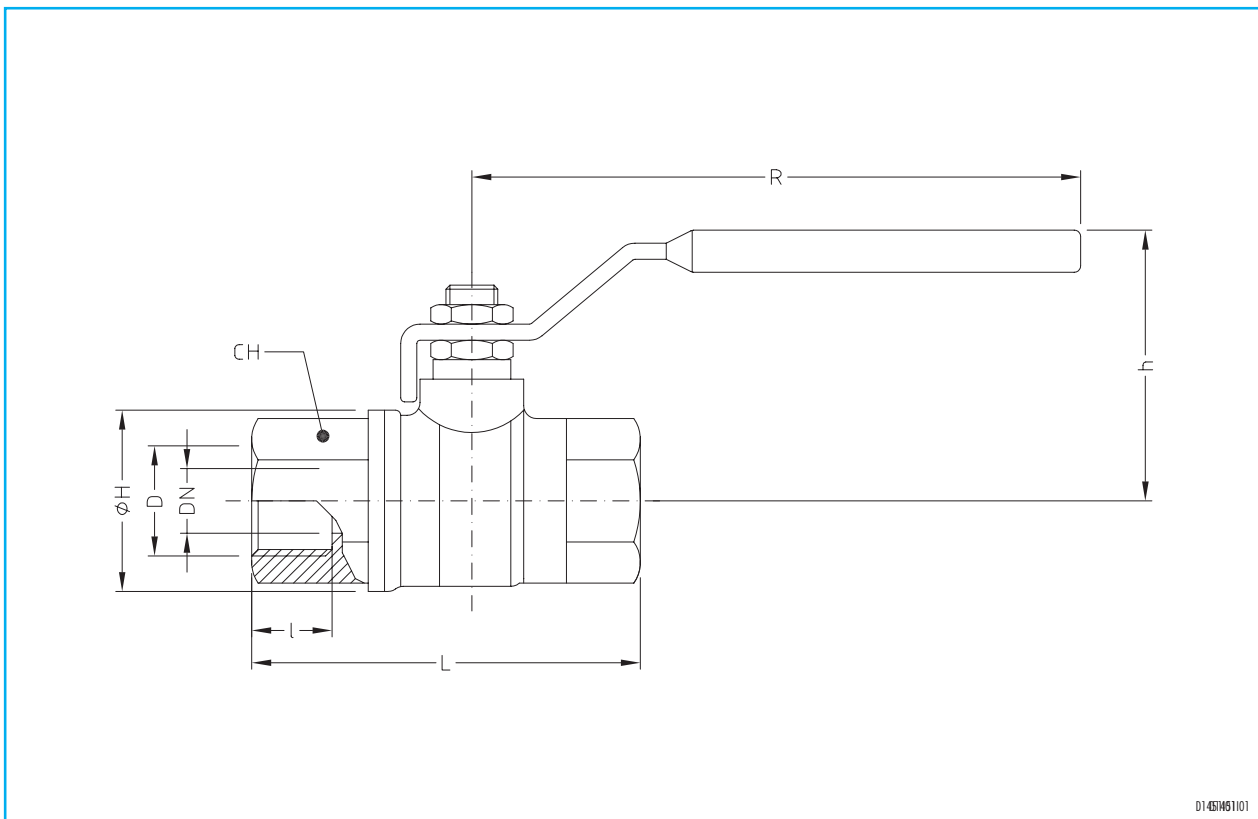
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Valid for RSO/T and RSO/T-Y series; the list of the available models for each series can be found with dimension tables.



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DIMENSIONS (RSO/T)

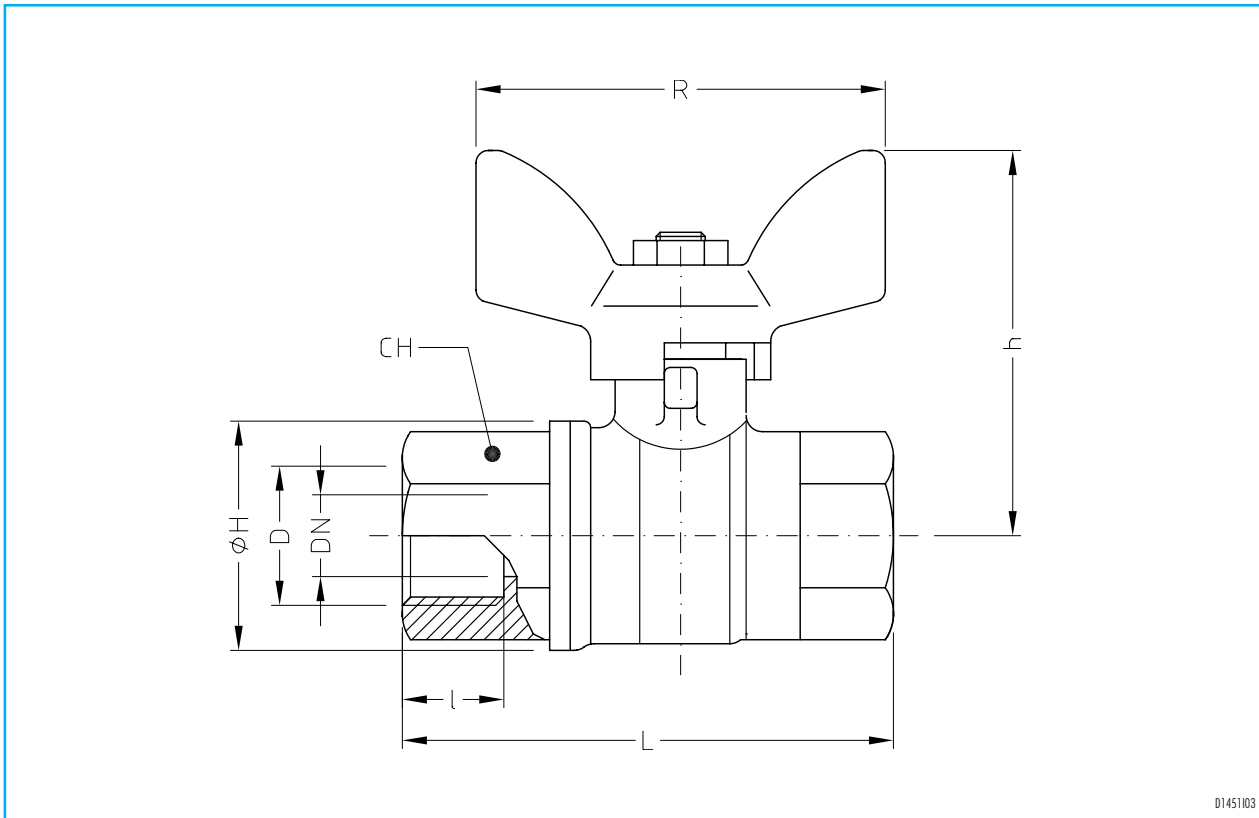


D1451M51101

Model	Rp - D	DN	l mm	L mm	H mm	CH spanner	R mm	h mm	Kv (*)	PN	Mass kg
2 RSO/T	1/4"	8	11	51.5	23	20	96	42	5,4	16	0.15
3 RSO/T	3/8"	10	11.4	51.5	23	20	96	42	6	16	0.14
4 RSO/T	1/2"	15	15	62	33	25	96	46	16.3	16	0.22
6 RSO/T	3/4"	20	16.3	69	39	31	121	58	29.5	16	0.36
8 RSO/T	1"	25	19.1	83	49	38	121	62	43	16	0.55
10 RSO/T	1.1/4"	32	21.4	96	59	48	151	76	89	16	0.99
12 RSO/T	1.1/2"	40	21.4	108	73	54	151	82	230	16	1.49
16 RSO/T	2"	50	25.7	126	86	67	160	95	265	16	1.97

(*) The flow coefficient Kv is the flowrate expressed as m³/h at a pressure differential of 1 bar

DIMENSIONS (RSO/T-Y F-F)

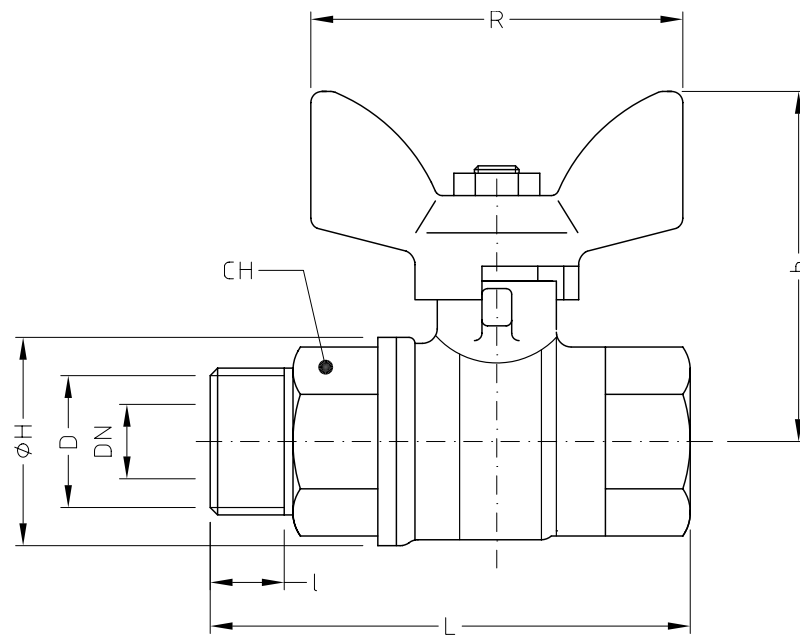


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Model	Rp - D	DN	I mm	L mm	H mm	CH spanner	R mm	h mm	Kv (*)	PN	Mass kg
2 RSO/T-Y F-F	1/4"	8	11	51.5	23	20	50	42	5.4	16	0.14
3 RSO/T-Y F-F	3/8"	10	11.4	51.5	23	20	50	42	6	16	0.12
4 RSO/T-Y F-F	1/2"	15	15	62	32	25	50	45.5	16.3	16	0.20
6 RSO/T-Y F-F	3/4"	20	16.3	69	39	31	64	54.5	29.5	16	0.32
8 RSO/T-Y F-F	1"	25	19.1	83	49	38	64	58.5	43	16	0.52

(*) The flow coefficient Kv is the flowrate expressed as m³/h at a pressure differential of 1 bar

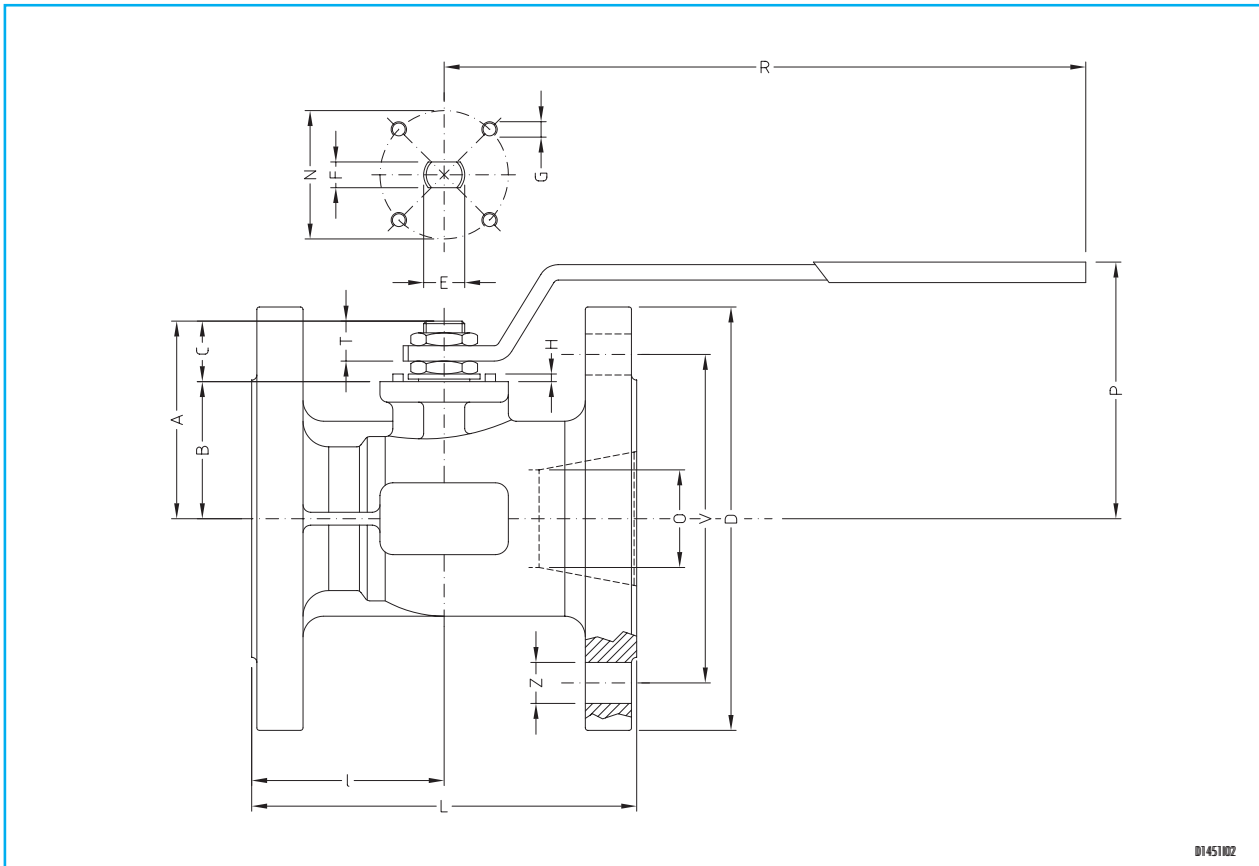
DIMENSIONS (RSO/T-Y M-F)



D1451/04

Model	Rp - D	DN	I mm	L mm	H mm	CH spanner	R mm	h mm	PN	Mass kg
2 RSO/T-Y M-F	1/4"	8	12.5	58.5	23	20	50	42	16	0.16
3 RSO/T-Y M-F	3/8"	10	13	59.5	23	20	50	42	16	0.13
4 RSO/T-Y M-F	1/2"	15	17	72.5	32	25	50	45.5	16	0.22
6 RSO/T-Y M-F	3/4"	20	18.5	81.5	39	31	64	54.5	16	0.35
8 RSO/T-Y M-F	1"	25	21.5	94.5	49	38	64	58.5	16	0.55

DIMENSIONS (RSO/T-F)



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Model	DN	A mm	B mm	C mm	D mm	E mm	F mm	G mm	I mm	L mm
16 RSO/TF	50	78.5	54.5	24	165	16	10	M6	75	150
20 RSO/TF	65	86.5	63.5	23	185	16	10	M6	85	170
24 RSO/TF	80	105	76	29	200	20	14	M8	90	180
32 RSO/TF	100	114.5	85.5	29	220	20	14	M8	95	190
40 RSO/TF	125	137.5	104.5	33	250	24	18	M10	100	200

Model	N mm	O mm	P mm	R mm	T mm	V mm	Z mm	Kv (*)	PN	Mass kg
16 RSO/TF	50	38	103.5	250.5	12.5	125	4 x \varnothing 18	180	16	7.9
20 RSO/TF	50	50.2	112.5	250.5	11.5	145	4 x \varnothing 18	390	16	10.2
24 RSO/TF	70	64	128.5	321.5	18	160	8 x \varnothing 18	600	16	12.9
32 RSO/TF	70	76	138	321.5	18	180	8 x \varnothing 18	750	16	17
40 RSO/TF	102	95	157.5	381.5	21.5	210	8 x \varnothing 18	1060	16	24.8

(*) The flow coefficient Kv is the flowrate expressed as m³/h at a pressure differential of 1 bar