

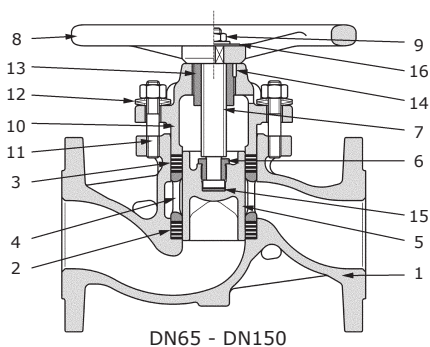
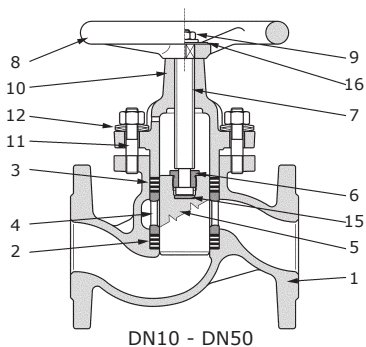
PISTON VALVE

TYPE 3602 PN16



GENERAL

DIMENSION:	DN10 TO DN150
PRESSURE:	PN16
CONNECTION:	FLANGES WITH RAISED FACE
MATERIAL:	CAST IRON
FACE-TO-FACE:	EN 558:2000 SERIE 1 (DIN 3202 - F1)



POS	DESCRIPTION	MATERIALS
1	BODY	JL1040 (GG25)
2	LOWER VALVE RING	Graphite T1
3	UPPER VALVE RING [□]	Graphite T4 / Graphite T1
4	LANTERN BUSH	Carbon steel (up to DN32) Cast iron (from DN40)
5	PISTON	ASTM A582 - XM34 (up to DN32) DIN 1.4136 (from DN40)
6	SPLIT NUT ^{A)}	Low alloy carbon steel
7	SPINDLE	Low alloy carbon steel
8	HANDWHEEL	Cast iron
9	HANDWHEEL NUT	Steel
10	BONNET	GG25
11	STUD BOLT AND NUT	Steel
12	BELLEVILLE WASHER	DIN 1.8159
13	THREADED BUSH [□]	Brass
14	PIN [□]	Carbon steel
15	THRUST PLATE ^{B)}	AISI 420 H.T.
16	NAME PLATE	Aluminium

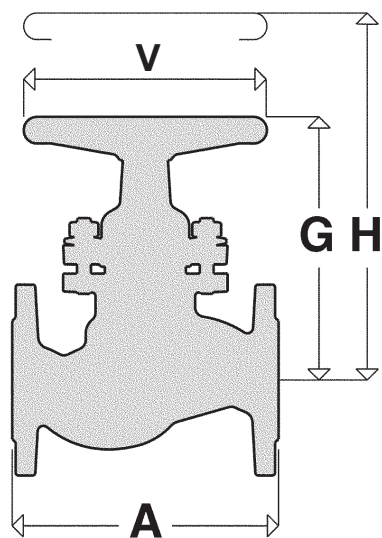
^{A)} DN25 and larger only
^{B)} DN32 and larger only
[□] DN65 and larger only

DESCRIPTION

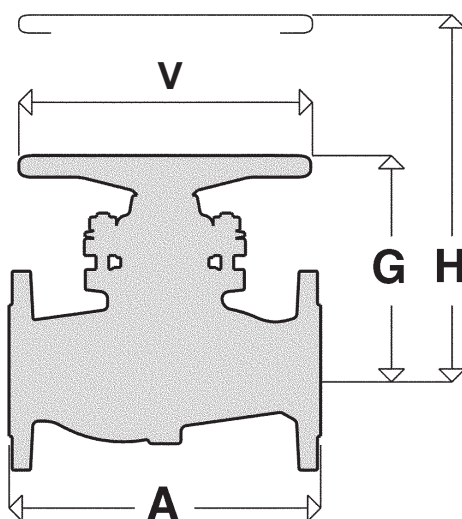
- **Reliable self cleaning construction.** The piston slides between two sealing rings. The lower ring has media contact on the inner surface - when closing the valve the piston will remove any sediments on the inner surface of the sealing ring.
- **The sealing ring** ensures maximum tightness in the passage as well as against the atmosphere.
- **Long life span and maintenance free operation** provides a good investment utilization ratio.
- **Service-friendly construction.** When the sealing rings at some point needs to be changed it is an relatively easy task that often can be performed on site as opposed to globe valves that usually needs to be shipped to a specialist shop in order to be renovated.
- **Suitable for restriction of flow** and due to a linear characteristic system surges are avoided.
- **Very suitable** for steam, hot water, hot oil, dry gas, condensate and varying temperatures.

DS-3602-UK-03-2016-REV. A
We reserve the right for changes.

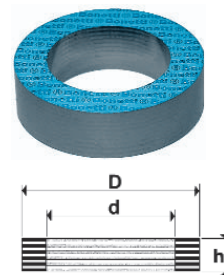
DIMENSIONS



DN10 - DN50



DN65 - DN150



SIZE	DIMENSIONS [MM]				FLANGE DIMENSIONS [MM]					[KG]	VALVE RINGS [MM]		
	A	G	H	V	OUT Ø	THICK	HOLE #	HOLE Ø	BCD		D	D	H
DN10	120	110	140	95	90	14	4	14	60	2.3	15	23.5	9
DN15	130	110	140	95	95	14	4	14	65	2.5	15	23.5	9
DN20	150	135	170	115	105	16	4	14	75	3.8	20	30.0	10
DN25	160	150	185	125	115	16	4	14	85	5.3	25	38.0	12
DN32	180	170	215	150	140	18	4	18	100	7.7	30	45.0	15
DN40	200	195	250	150	150	18	4	18	110	11.3	40	58.0	16
DN50	230	225	285	200	165	20	4	18	125	15.4	50	70.0	17
DN65	290	210	260	300	185	20	4	18	145	21.0	60	82.0	16
DN80	310	230	290	300	200	22	8	18	160	28.0	70	94.0	19
DN100	350	275	350	300	220	24	8	18	180	41.0	90	112.0	20
DN125	400	310	395	400	250	26	8	18	210	65.0	110	135.0	22
DN150	480	340	440	400	285	26	8	22	240	92.0	130	155.0	23

FLOW COEFFICIENT

SIZE	KV
DN10	3.5
DN15	4.5
DN20	8.5
DN25	14.0
DN32	20.5
DN40	32.0
DN50	50.0
DN65	70.0
DN80	105.0
DN100	165.0
DN125	255.0
DN150	360.0

PRESSURE / TEMPERATURE

