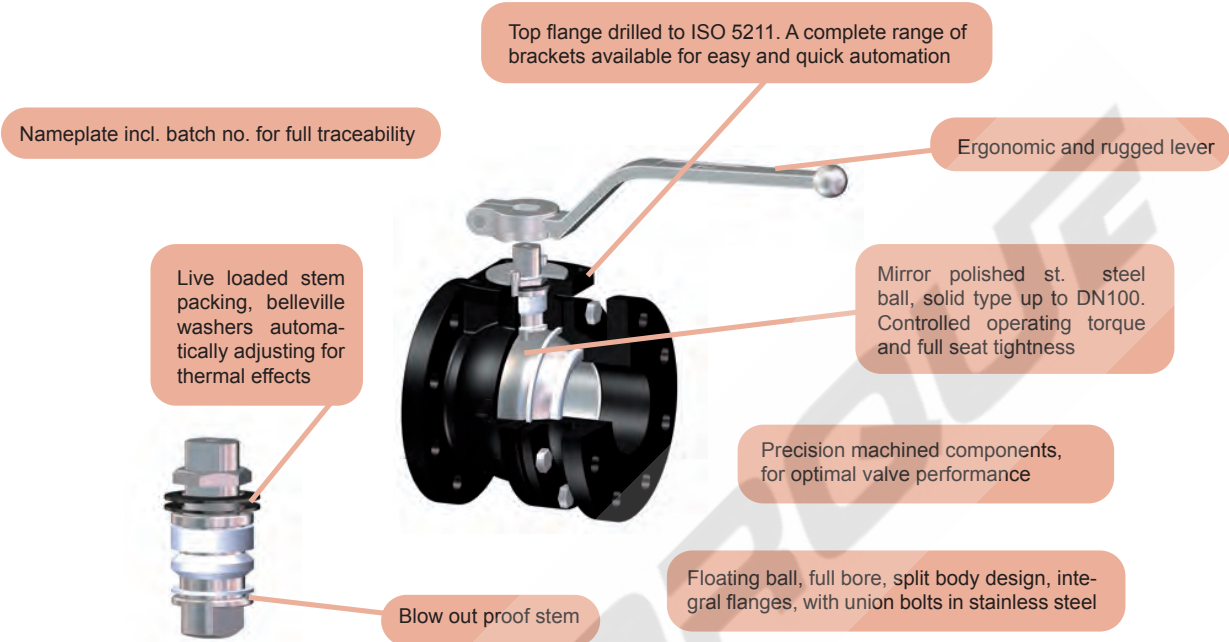


Type BV42263 are floating type, split body, quick closing 90° rotary ball valves, bidirectional, with tightness achieved by friction of the ball blind ends to the seats, devised for stopping the flow of the service fluid when necessary and not being suitable for regulation purposes. Valve closes by turning the hand lever clockwise. They have a robust construction to offer reliable performance in standard services.



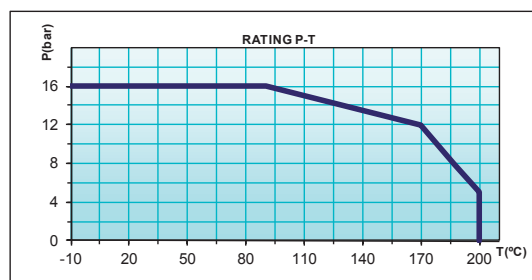
**Main Features**

Nominal Pressure: PN16  
 Face to face length: DN15-100: EN 558 S14 (DIN3202 F4); DN125-200: EN 558 S15 (DIN3202 F5)  
 Valve end connections: Flanged to EN1092-2 type 21/B, PN16 (valves DN65 with 4 holes as accepted variant in standard)  
 Marking: EN 19  
 Pressure Tests: EN 12266-1  
 Seat leakage rate: Rate A (full seat tightness in both directions)  
 Inside and outside primer paint layer black color for protection during storage and transport  
 Product compliant with Pressure Equipment Directive PED, max. category I

**Main Duties / Limits of use**

Fresh water and neutral liquids group 2, acc. to PED Annex II table 9 up to category I.  
 Low pressure steam, neutral gases group 2 acc. to PED Annex II table 7 up to category I.  
 PN16; TS: -10/200°C  
 Table 7: PS 16 bar (no CE marking DN<=50)  
 Table 9: PS 16 bar (no CE marking)  
 Questions referring to chemical resistance, please consult us  
 Observe also pressure/temperature limits on diagram under

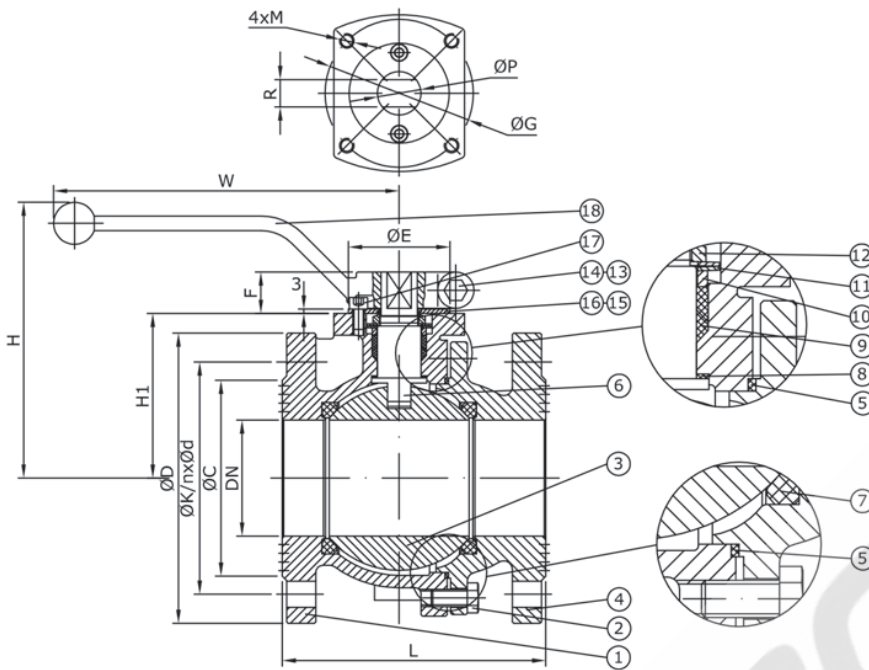
<b>P (bar)</b>	16	16	16	12	9	8	5
<b>T (°C)</b>	-10	50	90	170	183	187	200



**Options**

Other designs and approvals, limit switches, different actuation. Please consult us

Main Parts and Materials



N°	PART	MATERIAL
1	BODY	Cast Iron EN-JL1040 (GG25)
2	STUD BOLTS	St. Steel A2-70
3	BALL	St. Steel SS304
4	CAP	Cast Iron EN-JL1040
5	GASKET	PTFE
6	STEM	St. Steel SS304
7	SEAT	PTFE
8	GASKET	PTFE
9	PACKING	PTFE
10	GLAND RING	St. Steel SS304
11	BELLEVILLE WASHER	Steel/Acero
12	PACKING GLAND NUT	St. Steel SS304
13	BOLT	St. Steel SS304
14	NUT	St. Steel SS304
15	COVER	Steel/Acero
16	COVER RING	PTFE
17	STUD BOLTS	St. Steel SS304
18	HANDLE	DN15-100 Steel DN125-200 Ductile Iron

Main Valve Parameters

DN	15	20	25	32	40	50	65	80	100	125	150	200
L	115	120	125	130	140	150	170	180	190	325	350	400
H	120	120	130	135	170	175	190	220	235	290	310	380
W	175	175	175	175	240	240	240	330	330	690	690	760
ØD	95	105	115	140	150	165	185	200	220	250	285	340
ØK	65	75	85	100	110	125	145	160	180	210	240	295
nxØd	4x14	4x14	4x14	4x18	4x18	4x18	4x18	8x18	8x18	8x18	8x22	12x22
ØC	47	57	67	78	88	102	123	135	158	187	213	268
ØE	35	35	35	35	55	55	55	70	70	85	85	100
F	16	16	21	21	25	25	25	27	27	38	38	43
H1	52	54	60	65	75	83	97	114	127	158	175	245
ØG	50	50	50	50	70	70	70	102	102	125	125	140
M	M6	M6	M6	M6	M8	M8	M8	M10	M10	M12	M12	M16
ØP	12	12	16	16	20	20	20	25	25	34	34	42
R	8	8	10	10	14	14	14	19	19	26	26	32
Kvs-value	18	40	63	108	174	265	475	915	1510	2440	3890	8310
Approx. Weight	3,5	4	5	6,5	9	11,5	16,5	21	27,5	56,5	76,5	135

Dimensions in mm subject to manufacturing tolerance / Kvs-values in m<sup>3</sup>/h / Weights in kg

Operating Torques

DN	15	20	25	32	40	50	65	80	100	125	150	200
Differential pressure	5 bar	14	17	20	33	48	57	94	127	165	325	570
	10 bar	14	17	20	33	50	60	110	150	195	405	860
	16 bar	14	17	21	35	54	67	135	180	220	470	1150

Dimensions in mm subject to manufacturing tolerance / Torques in Nm

Minimum Recommended Safety factor for actuator selection: 30%

Above values are given for clean water at ambient temperature

Operating Torque can be increased by many factors (dry gas, viscous liquid, temperature, etc.). Ask our technical department for selection

Valves closed for a long period of time could need a higher breaking torque

Information / restriction of technical rules need to be observed!

Installation, Operating and Maintenance Manual can be downloaded at [www.comeval.es](http://www.comeval.es)

The engineer, designing a system or a plant, is responsible for the selection of the correct valve

Product suitability must be verified, contact manufacturer for information