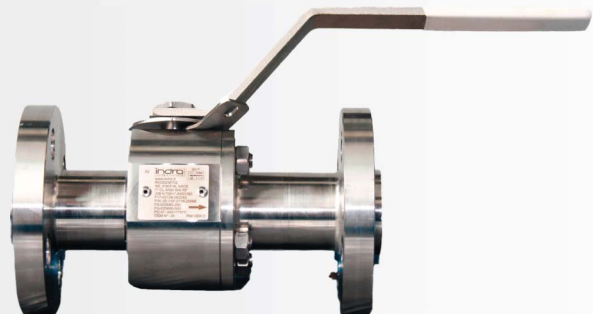# Iblok Series
Ball valve
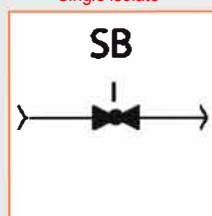# ANSI B16.10
Standard pipeline valves

Iblok Ball Series Valves, available as two or three piece designs, are suitable for piping pressure isolation.

Available features:

- Floating & Trunnion design,
- Full & Reduced Bore,
- Soft or Metal Seat,
- Face to Face in accordance with ASME B16.1O.

Single isolate

SB

Ball Valve
B16.10

Full and reduced bore 590...597...598

Features:

- Suitable for piping pressure isolation.
- Standard as two or three piece designs to minimize potential leak points.

Connections:

- Flanged-Flanged
- Butt Weld-Butt Weld
  (*other connections available per request: Flanged-Threaded, Threaded, Socket Weld, HUB...)

Materials:

- A105 N, A350LF2, 316/316L, Duplex F51 & Super Duplex F53-F55, Hastelloy, Inconel 625 - Inconel 825 Incoloy, Monel, etc. (...other materials available per request)

Rating:

- ASME / ANSI B16.5 (Class 150 - 2500)
- API 3,000/5,000/10,000

Design:

- Seat: Soft or Metal
- Design: Floating or Trunnion
- Soft Seat standard Temperature: - 46 ÷ + 200° C (Peek or Devlon)
- Metal Seat standard Temperature: + TCC - 46 ÷ + 200°/235° C
- Metal Seat std. Temp: + CCC - 46 ÷ + 450° C
- Other temperatures available per request

Seal:

FKM (AED)

Graphite

* other seals available per request

FFKM (AED)

HNBR (AED)

Lip Seal

Ordering Information

Ball design

SB	59	Single Block

Design

Trunnion design	TRU

Connections IN-OUT

D	1/2"
E	3/4"
F	I"
H	1 1/2"
J	2"
L	3"
N	4"
Q	6"
R	8"

Seal material

PG	Peek /Graphite (std)
MG	Metal Seat /Graphite
DG	Devlon/ Graphite
X	On demand

Options

SB	-	59	8	-	MST	-	TRU	-	50	-	J	150RF	-	DLN	-	PG	-	*	*	*
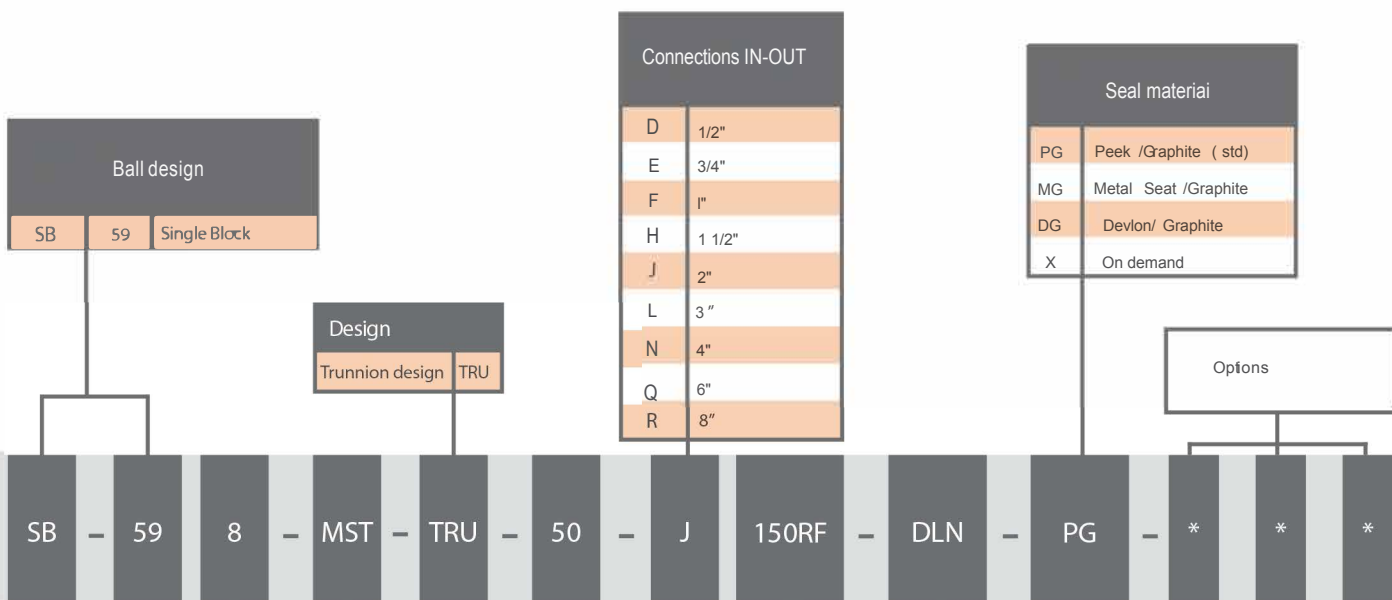
B16.10 (*) Connessioni / Connections

3	Butt Weld / Butt Weld
8	Flangia-Flangia / Flange-Flange

Altre connessioni / Other connections (**)

0	Threaded F x F
1	Threaded M x F
2	Socket Weld
7	Flange x Thread

* Std. Face to Face B16.10 long pattern other on demand
**Face to Face
Std. manufacturer
other on demand

Ball Seat type

Metal Seat +TCC	MST
Metal Seat + CCC	MSC

Bore size

15	DN 15
20	DN20
25	DN25
32	DN32
40	DN40
50	DN50
80	DN80
90	DN90
100	DN100
150	DN150

Flange

150 RF/RJ
300 RF/RJ
600 RF/RJ
900/1500 RF/RJ
2500 RF/RJ
API 3000 RJ
API 5000 RJ
API 10 000 RJ

Materials

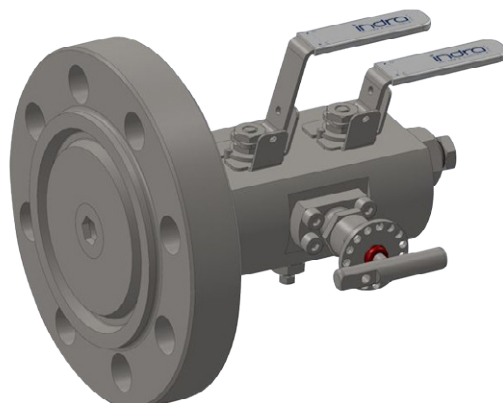| C	C.S.A 105
DLN	5.5.316 / 316L Nace (Dual grade)
M400	Monel400
F51	Duplex FSI
F53	Superduplex F53
F55	Superduplex FSS
I625	Inconel625
I825	Inconel 825
C276	Hastelloy C276
LF2	C.S.A3S0LF2 (Low Temperature)
X	On demand
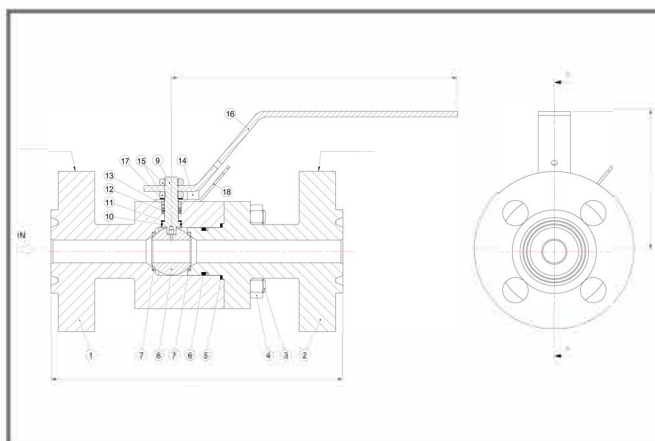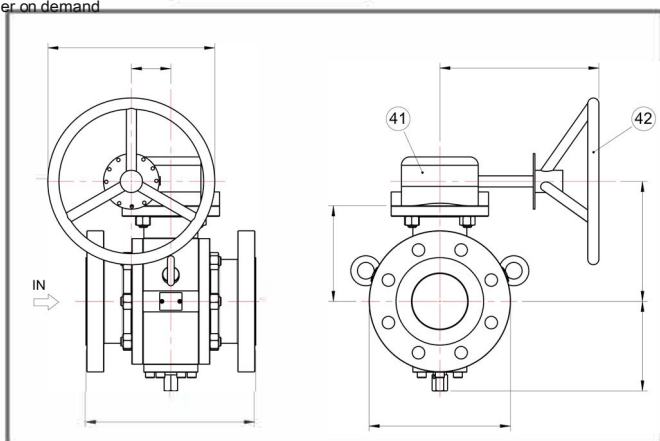
DBB Trunnion Ball Type Valves

DBB Metal Seat Ball Type Valves
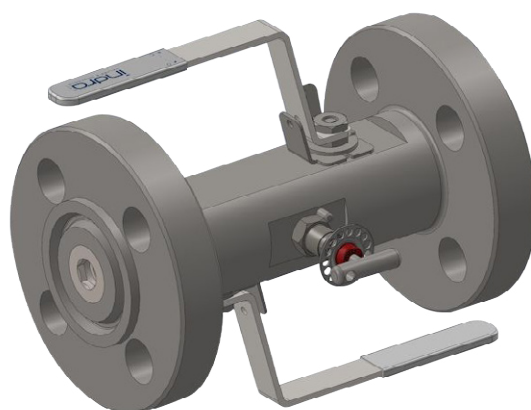
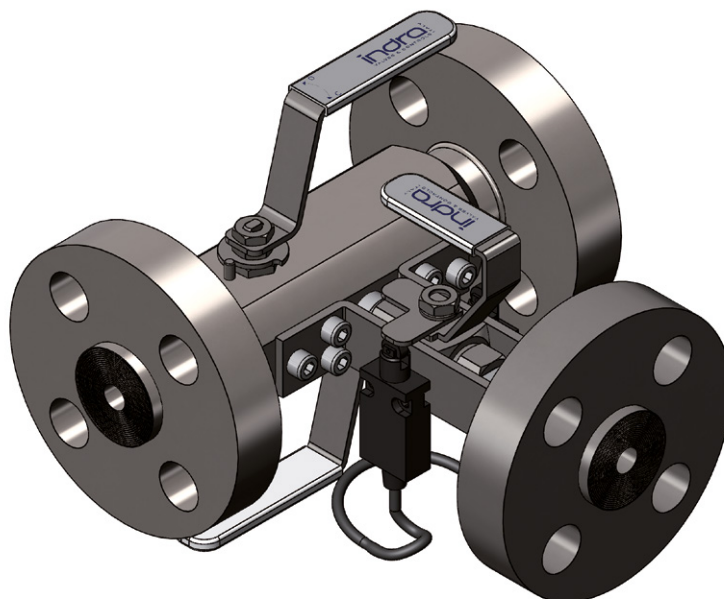# DBB API 3000/5000/10.000 Ball Type Valves

Special Executions

SB High Pressure Ball Valve **SAE 6000** Modular Flanged Connections

DBB Ball Valves with IN/OUT/VENT flanged connections with
EX microswitches for open/closed indication

Options

-H	-L	-P						Availability			
								Needle Valves	Manifolds	Monoflanges	Ball Valves
A	Antitamper Actuator							✓	✓	✓	✓
B	Bolted Bonnet							✓		✓	✓
F	Oval Flange								✓		
G	Graphite seals							✓	✓	✓	✓
H	Rating 10.000 PSI ([2])							✓	✓		
K1	Mechanical Electrical Contact										✓
K2	Magnetic Electrical Contact										✓
KG	Graphite bonnet seals replacement kit							✓	✓	✓	✓
KT	PTFE bonnet seals replacement kit							✓	✓	✓	✓
L	Locking Device							✓		✓	✓
O	Oxygen Service							✓	✓	✓	✓
P	Padlock							✓		✓	✓
Q	Quick Locking Device							✓	✓	✓	✓
R	Swivelling Fitting							✓		✓	✓
Y	Bonnet O.S.&Y.							✓		✓	✓
TV	Painting Treatment							✓	✓	✓	✓
TF	Phosphatization Treatment ([1])							✓	✓	✓	✓
TZ	Zinc Plating Treatment ([1])							✓	✓	✓	✓
U45-V	7/16" UNF L=45 mm screws and nuts kit (2 screws - 2 nuts) for 2 valves manifold								✓		
U75-2V	7/16" UNF L=75 mm screws and nuts kit (2 screws - 2 nuts) for 2 valves manifold								✓		
U45-3/5V	7/16" UNF L=45 mm screws and nuts kit (4 screws - 4 nuts) for 3 and 5 valves manifold								✓		
U75-3/5V	7/16" UNF L=75 mm screws and nuts kit (4 screws - 4 nuts) for 3 and 5 valves manifold								✓		
W	2" Pipe bracket								✓		
AT	Atex Version							✓	✓	✓	✓
GR	Gost R Version							✓	✓	✓	✓
FS	Fire Safe Version							✓	✓	✓	✓
TA	Fugitive Emission TA-LUFT Version							✓	✓	✓	✓
CRN	CURRENT CRN COMPLIANCE FOR 10 CANADIAN PROVINCES							✓	✓	✓	✓

([1]) For carbon steel versions only.

([2]) For flanged, BW, SW versions operating limits as for reference rules.

X = NOT CODED OPTION

For DB, SBB, DBB valves, repeat option code as many times as requested.
If you don't find options you need, please feel free to contact our sales Department
Ex: mod. 739R-DD-S-T-A-A-A = 2 Block + 1 Bleed bonnet Anti-tamper

Options

For DB, SBB, DBB valves, repeat option code as many times as requested.

-H	-L	-P						Availability			
								Needle Valves	Manifolds	Monoflanges	Ball Valves
IDX	Vent Bottom Right								✓		
ISX	Vent Bottom Left								✓	✓	✓
M	Monel Trim							✓	✓	✓	✓
SPC 1	Special Marking - See descriptor							✓	✓	✓	✓
DIN 7756	Inlet Special Insert 1/8" NPT-M x DIN 7756 VG 8							✓	✓	✓	✓
2.0515 /DN15	Special DN15 marking requirement							✓	✓	✓	✓
3-G-GR -CUTR	GOST & CU-TR Certificate							✓	✓	✓	✓
X	Not Coded Option							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
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?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓

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