

# ANTARES A 105

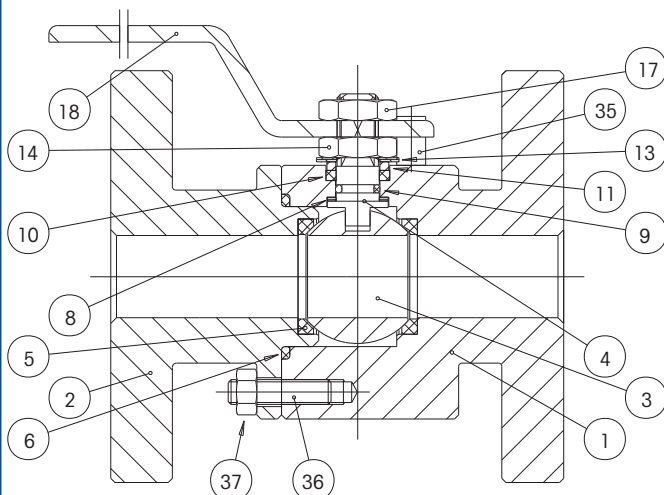
SPLIT BODY BALL VALVE – FULL BORE

## MAIN STANDARD FEATURES

- CONSTRUCTION: ASTM A 105
- General prescriptions: BS 5351
- Certifications: FIRE SAFE to: BS 6755 - API 6 FA - API 607  
TÜV for TA Luft
- DIAMETER: from DN 15-1/2" to DN 150-6"
- PRESSURES: PN 16/40 from DN 15 to DN 50  
PN 16 from DN 65 to DN 150  
ANSI 150 from 1/2" to 6"
- TEMPERATURE LIMITS: from -10°C to +180°C
- CONNECTIONS: flanges to UNI 2223-2229 and DIN 2501 BL.1  
DIN 3202 face to face F4  
flanges to ANSI 150 RF - ANSI B16.5 - ANSI B16.10 face to face
- BLOW-OUT PROOF stem with antistatic device (from DN40)
- WRAPPING SEATS
- TRIPLE stem-packing with labyrinth effect and automatic adjustment by Belleville washers
- ISO 5211 mounting plate for actuators
- OPERATION device: lever handle

## SPECIAL EXECUTIONS

- 15% GLASS-FILLED PTFE with temperature limits -10°C + 195°C
- PTFE + CARBOGRAPHITE with temperature limits -20°C +210°C
- From DN 65 to DN 150 PN 25/40
- From DN15 to DN100, PN16/40, DIN 3202 face to face F1
- From 1/2" to 6" ANSI 300
- DN 200 PN 16, and 8" ANSI 150  
(with application of reduction gear)
- Yellow lever handle for gas
- Antistatic device from DN15 to DN32
- Body in LF2 up to -20°C
- On request the valve is available with ATEX certificate
- For further special requests please consult our technical/commercial service



## STANDARD PART NUMBERS

**Art. 2931**

ANSI 150 RF

**Art. 2932**

DIN face to face F4

**Art. 2934**

DIN face to face F1

## GENERAL APPLICATIONS

Use as an ON-OFF valve for: installations for gas, water, air distribution. Suitable for vacuum up to  $1 \times 10^{-3}$  STD CC/SEC, steam up to +195°C with PTFE+CARBOGRAPHITE.

Thanks to its firm standardizations it is among the most used valves in all industrial plants.

For special utilizations ascertain the compatibility with process features and the corrosion resistance also by the relevant table.

## LIST OF COMPONENTS AND MATERIALS

REF.	PART	MATERIAL	DIN MAT.	QTY
1	BODY	ASTM A105		1
2	BODY FLANGE	ASTM A105		1
3	BALL	AISI 304	1.4301	1
4	STEM	AISI 304	1.4301	1
5	SEAT	PTFE		2
6	FLANGE SEAL	PTFE		1
8	STEM SEAL	PTFE		1
9	STEM O-RING	VITON		1
10	UPPER SEAL	PTFE		1
11	PACKING GLAND	AISI 304	1.4310	1
13	BELLEVILLE WASHERS	50CrV4		2
14	STEM RETAINING NUT	C.S. GALV.		1
17	LOCKING NUT	C.S. GALV.		1
18	LEVER HANDLE	C.S. GALV.		1
35	OPERATION STOP PIN	C.S. 8.8		1
36	STUD BOLT	A 193 B7		4
37	NUT	A 194 2H		4