



L15 Threaded Ball Valve

Product Description

DENZ L15 Threaded Ball Valves are designed to seal pipelines tightly.

Easy and faster operation is made possible by the quarter turn design. Two-piece ball valves feature simple construction for easy maintenance. In addition to industrial applications, they are also preferred for utility services.



Application Areas

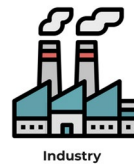
- Natural gas
- LPG
- Steam boilers and steam systems
- Pressurized air systems
- Determined chemical fluids

Versions

- With handlever
- With gearbox
- With ISO top flange
- With pneumatic actuator
- With electrical actuator
- Various types of balls, stems and body material types are available

Production References

Size Range	DN15 – DN150
Pressure Range	PN16
Temperature	200°C
Face to face	EN558 Series 14 / DIN 3202 F4
Design	DIN 3357
Connection	Threaded - EN1092-2
Corrosion Protection	Industrial epoxy
Testing	EN 12266-1
Marking	EN 19

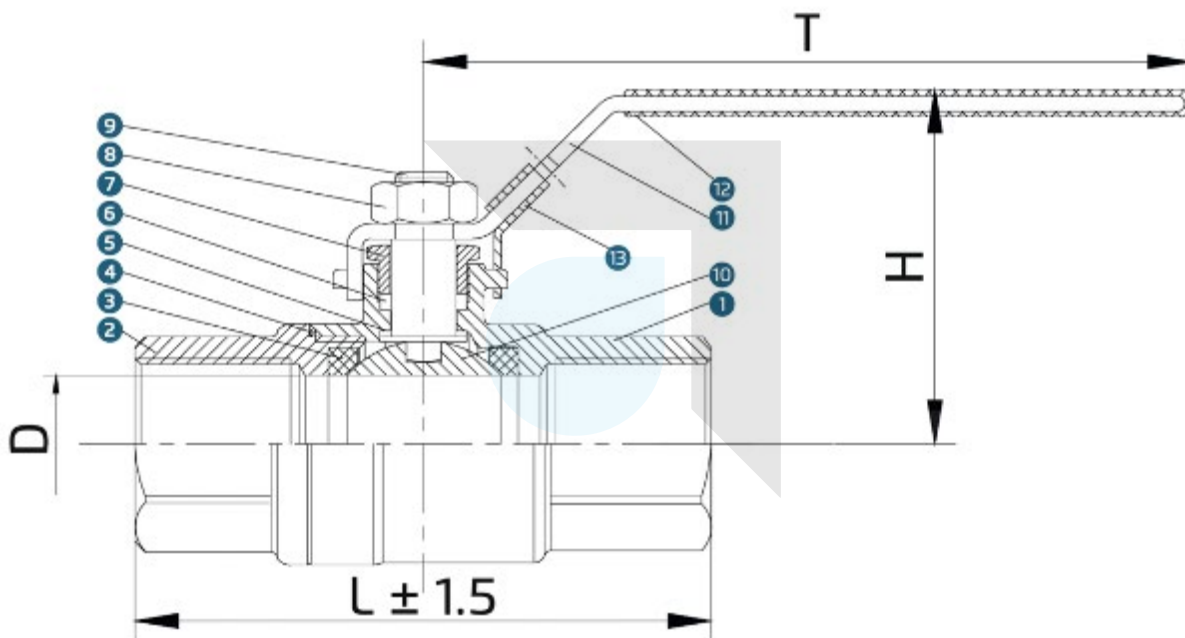




Product Features



- DENZ-L15 PN16 threaded ball valve functions by rotating a ball, whose hole is the same diameter as the flow section, a quarter turn (90°) between teflon seats, where the ball is parallel or perpendicular to the flow axis.
- EN-GJS-500-7 Ductile iron body and bonnet for high strength and impact resistance.
- Bidirectional installation is possible.
- The stainless steel belleville springs reinforced with teflon (PTFE) seats ensure 100% tight sealing at lower and higher pressure ratings.
- The handle lever position allows easy observation of the ball valve's open/close position.
- It can be installed directly on the pump without requiring any additional intermediary components.
- Seals made of PTFE have a long service life and are leak-proof.
- Teflon material is compatible with a wide variety of flow types and is resistant to higher temperatures, which allows it to be used in a broad range of applications.
- GGG40/50 ductile iron can be used as a body material upon request.
- You can use it in either an open or closed position.
- A fully open valve has almost no head loss since there is no reduction in flow section.
- Suitable for installation of actuators and gearboxes
- 100% of the valves are subjected to Hydrostatic tests according to EN 12266-1. Pressure for seat: PN x 1.1, for shell: PN x 1.5





Materials



#	Part	Material
1	Body	Stainless Steel AISI304 / AISI316
2	Bonnet	Stainless Steel AISI304 / AISI316
3	Seat	PTFE/RPTFE
4	Joint Gasket	PTFE/RPTFE
5	Thrust Washer	PTFE/RPTFE
6	Packing	PTFE/RPTFE
7	Gland	Stainless Steel AISI201 / AISI304
8	Nut	Stainless Steel AISI201 / AISI304
9	Stem	Stainless Steel AISI304 / AISI316
10	Ball	Stainless Steel AISI201 / AISI304
11	Handle	Stainless Steel AISI201 / AISI304
12	Handle Cover	PVC
13	Lock	Stainless Steel AISI201 / AISI304

Dimensions



Inch	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	2"	2 1/2"	3"	4"
DN	8	10	15	20	25	32	50	65	80	100
D	8	10	15	20	25	32	50	65	80	100
L	55	60	75	80	90	110	140	185	205	235
H	50	50	56	61	67	78	96	124	145	162
T	89	89	107	120	126	143	171	205	235	296
KG	0,200	0,206	0,287	0,402	0,600	0,980	1,860	4,065	5,710	8,505

Units: mm / indicative dimensions & weights

