

# BALL VALVE

## FAF 1440

1440



### Features

- FAF1440, welding end ball valve is operating by a ball having a hole with the same size as the flow section, through the help of the stem, rotating quarter turn (90 degree) between teflon seats where the ball to be parallel or perpendicular to the flow axis.
- Can be installed bidirectional.
- Ball and stem are stainless steel, sealings are teflon (PTFE).
- Default production is with female/female connection.
- On request, can be manufactured with male/male, male/female and welding end connections.
- It has high-pressure resistance. Pressure ratings can be PN 16/25/40.
- It is appropriate to be used in fully open or fully closed position.
- In fully open position, since there is no reduction in flow section, the head loss is nearly zero.
- Can be operated with lower torque ratings.

### Temperature

- +200 °C

### PRODUCTION STANDARDS

DN15 → DN25  
PN 16-25-40

Design	EN 331 / EN 1983
Connection	Threaded EN ISO 228-1
Face to Face	DIN3202 / M3
Marking	EN 19
Tests	EN 12266-1 / EN 331
Corrosion Protection	Industrial Epoxy

### Product Description

FAF1440 series are robust and reliable ball valves for fitting in between PN40 networks. Steel body material and stainless steel ball and stems are improving the durability of the valve. The valves are offering a large wide range of applications in thanks to PTFE sealing.

### Versions

- Various ball, stem and body material alternatives available.
- Standard version with handlever
- Custom production for specific orders

### Scope of Application

- LPG
- Natural gas
- Superheated water
- Steam
- Power plants
- Industry
- Fluids without acidity or alkalinity properties
- Pressurized air

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PRODUCTS MODEL CODES	
FAF1440	BALL VALVE - PN40 - SCREWD END

VALVE TEST PRESSURE (Bar)		
MAX. OPERATING PRESSURE	BODY / SHELL TEST	SEAT TEST
10	15	11
16	24	17,6
25	37,5	27,5
40	60	44

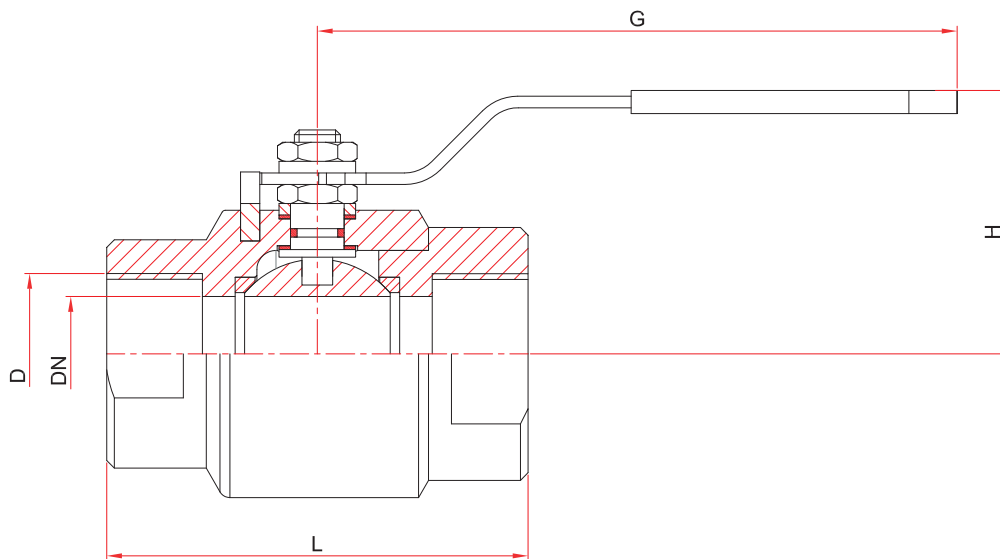
100% of the valves are subjected to hydrostatic tests at FAF facilities.

### Note

- For proper use and safety precautions please follow the installation and operating instructions.

### MATERIAL SELECTION

Body	1.0037 - ST37 Steel
	ASTM A-105 Forged Steel
	1.4301 - AISI 304 Stainless Steel 1.4401 - AISI 316 Stainless Steel
Ball	1.4301 - AISI 304 Stainless Steel
	1.4021 - AISI 420 Stainless Steel
	1.4401 - AISI 316 Stainless Steel
Stem	1.4021 - AISI 420 Stainless Steel
	1.4301 - AISI 304 Stainless Steel
	1.4401 - AISI 316 Stainless Steel
Sealing	TEFLON (PTFE)



### Technical Details & Drawing, Dimensions

DN	DIMENSION				RATINGS			
	Ømm	D	L	H	G	KV / h	m <sup>3</sup>	Tork Nm
15	R 1/2	75	60	160	18	7	0,7	
20	R 3/4	80	70	180	35	7	1,4	
25	R 1	90	75	180	65	7	1,7	