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PROMOTIONAL CATALOG



Piston Valves DN15 - DN50



- Pressure** : PN 16 – PN25 – PN40 – PN63 (YVMN – YVSN 1/2"–1")
Type : YVN flanged, YVMN threaded, YVSN with socket connection, for carbon steel and stainless steel only
Materials : GJL250 grey cast iron, 0.7040 nodular iron, 1.0619 carbon steel, 1.4308 – 1.4408 stainless steel
Dimensions : Flanged valves according to EN 558; threaded and socket versions according to EN 3202-4/M9
Connections : Flanged valves according to EN 1092-1 and EN 1092-2; threaded according to EN ISO 228-1; socket according to EN 12760

Balanced Piston Valves DN65 - DN200



- Pressure** : PN16 – PN25 – PN40
Type : YVNB flanged valve
Materials : GJL250 grey cast iron, 0.7040 spheroidal iron, 1.0619 carbon steel, 1.4308 – 1.4408 stainless steel
Dimensions : According to EN 558
Connections : According to EN 1092-1 and EN 1092-2

Metal Bellows Globe Valves DN15 - DN300



- Pressure** : PN16 – PN25 – PN40
Type : YVNB flanged valve
Materials : GJL250 grey cast iron, 0.7040 spheroidal iron, 1.0619 carbon steel, 1.4308 – 1.4408 stainless steel
Dimensions : According to EN 558
Connections : According to EN 1092-1 and EN 1092-2

Cryogenic Valves DN 15 - DN 50



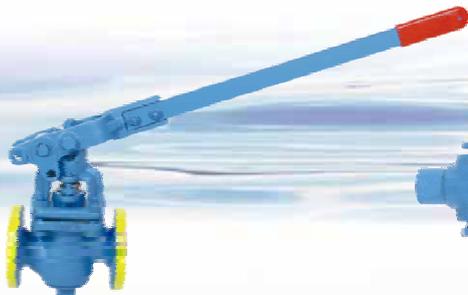
- Pressure : PN40 – PN63
 Type : YKJ valve with socket and threaded connection
 Materials : Stainless steel 1.4408
 Dimensions : Globe valve with socket connection according to EN 558 1/1
 Connections : Globe EN 12760, EN 558

Globe Valves DN15 - DN300



- Pressure : PN16 – PN25 – PN40 – PN63 (YVMN – YVSN 1/2"-1") / PN16 – PN25 – PN40 (DN15 – DN300)
 Type : YGV flanged valve, YGVM threaded, YGSV with socket connection
 Materials : GJL250 grey cast iron, 0.7040 spheroidal iron, 1.0619 carbon steel, 1.4308 – 1.4408 stainless steel
 Dimensions : Flanged valves according to EN 558; threaded and socket versions according to DIN 3202-4/M9
 Connections : Flanged valves according to EN 1092-1 and EN 1092-2; threaded according to EN ISO 228-1; socket according to EN 12760

Boiler Blowdown Valve DN32 - DN50 Pressure Gauge Cocks 1/2"



- Pressure : PN40
 Type : AKV 32/40, AKV 40, AKV 50/40
 Materials : Steel 1.0619
 Dimensions : According to EN 558 for DN40 dimensions
 Connections : According to EN 1092-1

Gate Valve DN 15 - DN 600



- Pressure : PN16 – PN40
 Type : Gate valve
 Materials : GJL250 – steel 1.0619
 Dimensions : Flanged valves according to EN 558
 Connections : Flanged valves according to EN 1092-1 and EN 1092-2

Ball Valves 1/4" - 4"



Pressure : PN16 – PN25 – PN40 (2"-4") – PN63 (1"-1 1/2") – PN100 (1/4"-3/4")
Type : KHMI threaded, KHSI with socket connection, KHSVI with butt-weld ends
Materials : GJL250 grey cast iron, 0.7040 spheroidal iron, 1.0619 carbon steel, 1.4308 – 1.4408 stainless steel
Dimensions : Threaded according to EN ISO 228-1; socket according to DIN EN 12760; butt-weld according to EN 12627

Ball Valves DN15 - DN400



Pressure : PN16 – PN25 – PN40
Type : YHI flanged valve
Materials : GJL250 grey cast iron, 0.7040 spheroidal iron, 1.0619 carbon steel, 1.4308 – 1.4408 stainless steel
Dimensions : According to EN 558 series 27, 28 and 12
According to EN 1092-1 and EN 1092-2

*Full-bore (TA) design from DN150 with lower support facilitates opening and closing and extends the service life of the valve sealing.

*Depending on pressure, temperature, and fluid type, sealing elements can be manufactured from different materials (as required by applicable standards).

Ball Valves for Natural Gas DN15 - DN400



Pressure : PN16 – PN25 – PN40 (2"-4") – PN63 (1"-1 1/2") – PN100 (1/4"-3/4") – PN16 – PN25 – PN40 (DN15-DN300)
Type : YHI flanged valve, KHMI threaded
Materials : 0.7040 spheroidal iron, 1.0619 carbon steel
Dimensions : Flanged according to EN 558 series 27 and 28
Connections : Flanged according to EN 1092-1 and EN 1092-2; threaded according to EN ISO 228-1

Metal-Seated Ball Valves



Valve Diameter	: DN15 – DN300 (1/2" – 12")
Body Material	: Cast carbon steel and cast stainless steel (304, 316, 316Ti), duplex
Seat Material	: Cast stainless steel (304, 316, 316Ti), duplex
Pressure Class	: PN16, PN25, PN40, ANSI 150, ANSI 300, ANSI 600
Connections	: Welded, threaded, or flanged connections
Temperature	: Process temperature between –30 and +400 °C
Actuator	: Design suitable for actuator mounting

Control Valves with Pneumatic Actuator



Valve Diameter	DN15 – DN300 (1/2" – 12")
Body Material	Grey cast iron, nodular cast iron, cast steel, and cast stainless steel
Pressure Class	Pressure classes PN16, PN25, PN40, ANSI 150, ANSI 300
Connections	Welded, threaded, or flanged connections
Temperature	Process temperature between –30 and +400 °C
Actuator	Pneumatic diaphragm actuators of 300 and 700 cm ²
Design / Construction	Standard spring-return design, normally closed, air-to-open
Positioner	Option to choose between analog or digital positioner
Accessories	For reliable operation, industrial-type accessories such as air filter regulators, limit switches, and air directional valves (solenoid valves)

Check Valves DN15 - DN300

- Pressure : PN16 – PN25 – PN40 – PN63 (1/2"–1") / PN16 – PN25 – PN40 (DN15–DN300)
 Type : RYVN – YCVN flanged valves, RYVMN threaded, RYVSN with socket connection (for carbon steel and stainless steel only)
 Materials : GJL250 grey cast iron, 0.7040 spheroidal iron, 1.0619 carbon steel, 1.4308 – 1.4408 stainless steel
 Dimensions : Flanged according to EN 558; threaded and socket versions according to EN 3202-4/M9
 Connections : Flanged according to EN 1092-1 and EN 1092-2; threaded according to EN ISO 228-1; socket according to EN 12760

Y Strainers (Dirt Baskets) DN15 - DN 06



- Pressure : PN16 – PN25 – PN40 – PN63 (1/2"–1") / PN16 – PN25 – PN40 (DN15–DN600)
 Type : YPT flanged valves, YPTM threaded, YPTS with socket connection (for carbon steel and stainless steel only)
 Materials : GJL250 grey cast iron, 0.7040 spheroidal iron, 1.0619 carbon steel, 1.4308 – 1.4408 stainless steel
 Dimensions : Flanged according to EN 558; threaded and socket versions according to DIN 3202-4/M9
 Connections : Flanged according to EN 1092-1 and EN 1092-2; threaded according to EN ISO 228-1; socket according to EN 12760

Expansion Joints DN 32- DN250

- Pressure : PN16 (rubber) – PN40
 Type : With liner, without liner
 Materials : Carbon steel and AISI 304, EPDM / polyester + cord fabric
 Dimensions : According to TS 2821/1
 Connections : According to DIN EN 1092-1 and DIN EN 1092-2
 Models : Fixed flange, rotating flange, with welding neck, external pressure type, expansion type
 Expansion Range : 30 mm, 60 mm, 90 mm
 Operating Temperature : –80 °C to +427 °C, EPDM up to +95 °C

*For diameters DN300 – DN1200, please contact the sales and marketing department.



Level Indicators / Sight Glass Level & Flow Indicators

PBR - UPR - UPT



- Pressure : PN16 – PN40 – PN100
- Type : PBR, UPR (with reflex glass), UPT (with transparent glass)
- Materials : Forged steel CK22 and stainless steel 1.4308 – 1.4408, borosilicate glass
- Dimensions : 310 mm – 2785 mm
- Connections : DN20 according to DIN EN 1092-1

Fire Hydrants

DN80 - DN100 - DN150

- Pressure : PN16
- Type : YYH80 – YYH100 – YYH150
- Materials : GJL250 grey cast iron, 0.7040 spheroidal iron
- Dimensions : According to TS 2821/1a (1450 mm – 1750 mm – 2150 mm)
- Connections : PN16 flange according to EN 1092-2 (TS 810)
- Outlets : According to TS 2217
- Keys : According to TS 3798
- Elbows : According to DIN 28538

Safety Valves

DN 20x32 - DN 100x150



- Pressure : PN16 – PN40
- Type : Full lift 716, 746 flanged – proportional lift 706 threaded
- Materials : GJL250 grey cast iron, 0.7040 spheroidal iron, 1.0619 carbon steel, 1.4308 – 1.4408 stainless steel, bronze
- Set Pressure : 0.2 – 40 bar
- Connections : Flanged according to DIN EN 1092-1 and DIN EN 1092-2; threaded according to EN 228-1



YAKACIK VALF

Our company, which started production in 1966 in Kartal, Istanbul, manufactured valves for many years under special license and with the highest quality standards. During this period, supported by the production and application experience gained, it manufactured and sold various valve and flow control products required by industry.

With the knowledge and expertise acquired, our company continues its production and sales activities under the registered trademark YAKACIK.

Our factory includes:

- Design
- R&D
- Pattern shop
- Mold shop
- Foundry: grey cast iron, nodular cast iron, cast steel, and cast stainless steel
- Quality laboratory
- Machining
- Assembly
- Painting booth
- Test stations
- Production and quality control

It has an integrated manufacturing structure composed of multiple units.

YAKACIK Valf A.Ş. will continue to stand by you with nearly half a century of experience, high quality, and a strong technical service approach.



Yakacık Product Range

- Piston valves DN15 – DN50
- Balanced piston valves DN65 – DN200
- Spring-loaded check valve assemblies DN15 – DN200
- Metal bellows globe valves DN15 – DN300
- Pressure globe valves DN15 – DN300
- Boiler blowdown valves DN32 – DN50
- Ball valves DN15 – DN400
- T-type strainers DN15 – DN300
- Y-type strainers DN15 – DN500
- Expansion joints DN25 – DN2500
- Cryogenic valves DN15 – DN50
- 1/2" pressure gauges
- Ball valves for natural gas DN15 – DN400
- Monoball ball valves DN15 – DN100
- Check valves DN15 – DN300
- Disc-type check valves DN25 – DN100
- Dual plate check valves DN40 – DN400
- Butterfly valves DN32 – DN500
- Level indicators YPBR – YUPR – YUPT
- Level and flow sight glasses
- Safety valves VYC DN20×32 – DN100×150
- Fire hydrants DN80 – DN150



ISO 9001-2015

Quality Management System



AD 2000 - W0

Manufacturing Qualification Certificate



CE 0045

PED 2014/68/EU Module H



FIRE SAFE

Ball valves – steel



FIRE SAFE

Piston valves – steel



ATEX



EAC