HONVAX

Valve Product Overview

Integrated range | Yuanda and Lianggong valve series

Manufacturer ranges Yuanda Valve Group | Lianggong Valve Group

Valve ranges organized by function

Water systems | Building services | Power | Process pipework | Mining






SUPPLY RANGE | ENGLISH EDITION | NOVEMBER 2026

HONVAX supports sourcing of selected Yuanda and Lianggong valve constructions for project and distribution requirements. Specify the complete model, service conditions and connections with your enquiry.

Products are grouped by valve function and construction. Photographs and drawings illustrate the manufacturer series.

Yuanda Water, Copper and Petrochemical Series | Lianggong engineering valve series

HONVAX

Contents

Products are grouped by function so that manufacturer ranges can be compared within the same category.

Product category	Page
Gate valves	3
Globe valves	13
Check and foot valves	18
Ball valves	25
Gas service valves	36
Strainers	38
Pressure reducing valves	40
Balancing valves	43
Air vents	44
Radiator and heating valves	45
Butterfly valves	46
Hydraulic control valves	51
Control valves	56
Diaphragm valves	59
Plug valves	60
Knife gate and slide valves	61
Blind plate valves	64
Slurry and discharge valves	65
Power station water and bypass valves	66
Oxygen service valves	67
Pipeline accessories	68
Taps and accessories	70
Enquiry information	71

Original colour product images are retained for the Yuanda ranges. Lianggong illustrations are original manufacturer drawings where a verified model association is available; other entries use text presentation.

DN means nominal diameter. MPa means megapascal. PTFE means polytetrafluoroethylene. Pressure classes and source model suffixes must not be treated as interchangeable pressure or temperature ratings.

HONVAX

Gate valves

Contents





Resilient seated gate valves

Z45X / Z41X / Z545X / Z945X

DN40 to DN1200 | 1; 1.6; 2.5 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-001 | Yuanda Water Series



Wedge gate valves

Z41T / Z41W / Z41H / Z41-16Q

DN40 to DN600 | 1; 1.6 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-002 | Yuanda Water Series



Electric wedge gate valves

Z941T/W/H-10/16/16Q

DN50 to DN600 | 1 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-003 | Yuanda Water Series



Non rising stem wedge gate valves

Z45T/W/H-10/16/16Q

DN40 to DN1200 | 1; 1.6 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-004 | Yuanda Water Series



Large diameter non rising stem gate valves

Z445T/W-10; Z545T/W-6/6Q/10/10Q

DN700 to DN1800 | 1; 0.6 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-005 | Yuanda Water Series



Electric non rising stem gate valves

Z945/Z545T/W/H-10/16/16Q

DN50 to DN1800 | 1; 0.6 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-006 | Yuanda Water Series

HONVAX

Gate valves

Contents



Parallel double disc gate valves

Z44T/W-10/16Q

DN40 to DN400 | 1; 1.6 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-007 | Yuanda Water Series



Electric parallel double disc gate valves

Z944T/W-10/10Q

DN50 to DN400 | 1 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-008 | Yuanda Water Series



Non rising stem wedge gate valves

SZ45T/W/H-10/16/16Q

DN40 to DN600 | 1; 1.6 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-009 | Yuanda Water Series



Horizontal gate valves

WZ545T/W-10/16

DN800 to DN1800 | 1 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-013 | Yuanda Water Series



Magnetic locking gate valves

(A)CXZ45X-16Q

DN40 to DN300 | 1; 1.6; 2.5 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-014 | Yuanda Water Series



Grooved resilient seated gate valves

Z85X-10Q/16Q

DN50 to DN200 | 1; 1.6 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-028 | Yuanda Water Series

HONVAX

Gate valves

Contents



Grooved rising stem resilient seated gate valves

Z81X-10Q/16Q

DN50 to DN200 | 1; 1.6 MPa

Pipeline isolation using the selected sealing, pressure and material version.

YDW-029 | Yuanda Water Series



Brass Gate Valve

Z15W-16T

DN15–DN100 | 1.6 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-001 | Yuanda Copper Series



Brass Lockable Gate Valve

Z15W-16T

DN15–DN50 | 1.6 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-002 | Yuanda Copper Series



Magnetic Locking Brass Gate Valve

Z15W-16T

DN15–DN25 | 1.6 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-003 | Yuanda Copper Series



Brass Water Meter Gate Valve

Z15W-16T

DN15–DN25 | 1.6 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-004 | Yuanda Copper Series



Lockable Telescopic Brass Gate Valve

Z15W-16T

DN15–DN25 | 1.6 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-005 | Yuanda Copper Series

HONVAX

Gate valves

Contents



Brass Gate Valve – American Style

Z15W-16T

DN8–DN100 | 1.6 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-006 | Yuanda Copper Series



Flanged Brass Gate Valve

Z45W-16T

DN15–DN100 | 1.6 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-007 | Yuanda Copper Series



Large-size Flanged Brass Gate Valve

Z45W-16T/10T

DN125–DN350 | DN125 to DN200: 1.6 MPa; DN250 to DN350: 1.0 MPa.

Pipeline isolation with the selected pressure, material and end connection.

YDC-008 | Yuanda Copper Series



Brass Gate Valve for Transformer Service

Z45W-16T

DN25–DN80 | 1.6 MPa

Isolation of transformer oil circuits.

YDC-009 | Yuanda Copper Series



Brass Compression End Gate Valve

Z95W-16T

Size per selected construction | 1.6 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-010 | Yuanda Copper Series



Full-port Brass Gate Valve

Z15W-16T

DN15–DN100 | 2.0 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-011 | Yuanda Copper Series

HONVAX

Gate valves

Contents



Magnetic Locking Brass Gate Valve

Not printed on source panel

Size per selected construction

Pipeline isolation with the selected pressure, material and end connection.

YDC-012 | Yuanda Copper Series



Lockable Brass Gate Valve

Z15W-16T

DN15–DN50 | 1.6 MPa

Pipeline isolation with the selected pressure, material and end connection.

YDC-013 | Yuanda Copper Series



Flanged Gate Valve

Z40H-150LB/300LB

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-001 | Yuanda Petrochemical Series



Stainless Steel Gate Valve

Z41W-16P/25P/40P

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-010 | Yuanda Petrochemical Series



Bevel Gear Gate Valve

Z541W-16P/25P

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-011 | Yuanda Petrochemical Series



Electric Gate Valve

Z941W-16P/25P

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-012 | Yuanda Petrochemical Series

HONVAX

Gate valves

Contents



Cast Steel Wedge Gate Valve

Z41H-10C

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-023 | Yuanda Petrochemical Series



Cast Steel Wedge Gate Valve

Z41H-16C/25

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-024 | Yuanda Petrochemical Series



Cast Steel Wedge Gate Valve

Z41H-40/64

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-025 | Yuanda Petrochemical Series



Electric Wedge Gate Valve

Z941H-16C/25

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-026 | Yuanda Petrochemical Series



Electric Wedge Gate Valve

Z941H-40/64

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-027 | Yuanda Petrochemical Series



Water-seal Gate Valve

SZ41H-16C/25

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-029 | Yuanda Petrochemical Series

HONVAX

Gate valves

Contents



Compact Gate Valve

Z61-16C/25/40/64/100/160

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-049 | Yuanda Petrochemical Series



Forged Steel Gate Valve

Z61H/Y-150/300/600/800/900/1500LBC

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-052 | Yuanda Petrochemical Series



Forged Steel Flanged Gate Valve

Z41H/Y-150/300/600/900/1500LBC

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-053 | Yuanda Petrochemical Series



Forged Steel Gate Valve

Z61H/Y-16C/25/40/63/100

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-056 | Yuanda Petrochemical Series



Forged Steel Flanged Gate Valve

Z41H/Y-16C/25/40/63/100

Representative product configuration

Gate valve construction with the manual, gear or electric actuation shown.

YDP-057 | Yuanda Petrochemical Series

Series reference
Text overview

Class rated wedge gate valve

Z40H / Z40Y / Z40W

Class 150 / 300 / 600 / 900 / 1500 / 2500

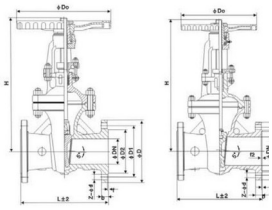
Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

HONVAX

Gate valves

Contents



Original manufacturer drawing

Medium-pressure Flanged Manual Gate Valve

Z41H / Z41Y

Nominal pressure 1.0 / 1.6 / 2.5 / 4.0 / 6.4 MPa

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

High-pressure Flanged Manual Gate Valve

Series reference
Text overview

Z41Y

Nominal pressure 10.0 / 16.0 MPa

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

Electric flanged gate valve

Series reference
Text overview

Z941H / Z941Y

Nominal pressure groups 1.0 / 1.6 / 2.5 / 4.0 / 6.4 MPa; high pressure groups listed separately in the source

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

Vacuum Isolation Gate Valve

Series reference
Text overview

NKZ44H / NKZ44Y / HKZ44Y

Nominal pressure groups 1.0 / 1.6 / 2.5 / 4.0 MPa

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

Water-sealed Gate Valve

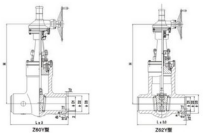
Series reference
Text overview

DS/Z64H (C); DS/Z64Y (I / P / R)

Source pressure groups 1.0 / 1.6 / 2.5 MPa; H with C and Y with I / P / R material suffixes

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series



Original manufacturer drawing

High-temperature and High-pressure Power Station Gate Valve

Z60Y / Z62Y / Z560Y / Z562Y

Source groups -200 / -250 / -320 / -P54100 / -P54140 / -P54170

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

Gate valves

Contents

Motor-operated High-temperature High-pressure Power Station Gate Valve

Series reference
Text overview

Z960Y / Z962Y

Source groups -200 / -250 / -320 / -P54100 / -P54140 / -P54170

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

Resilient Seated Gate Valve

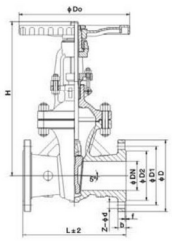
Series reference
Text overview

Z45X / SZ41X / Z41X

Nominal pressure groups 1.0 / 1.6 / 2.5 MPa

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series



Original manufacturer drawing

Stainless steel gate valve

Stainless steel material variants

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

Stainless Steel Cryogenic Gate Valve

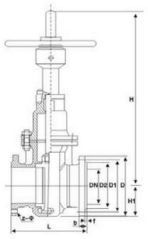
Series reference
Text overview

DZ40Y

Nominal pressure groups 1.6 / 2.5 / 4.0 / 6.4 / 10.0 MPa

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series



Original manufacturer drawing

Flat Plate Gate Valve Without Diversion Hole

(K)WPZ43F / 44F; (K)WPZ943F / 944F; (K)WPZ543F / 544F; (K)WPZ643F / 644F

Without through conduit; manual electric bevel gear and pneumatic variants remain separate

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

Flat Plate Gate Valve with Diversion Hole

Series reference
Text overview

(K)DPZ43F / 44F; (K)DPZ943F / 944F; (K)DPZ543F / 544F; (K)DPZ643F / 644F

With through conduit; source nominal pressure range 1.6 to 10.0 MPa

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

Gate valves

Contents

High-pressure Flat Gate Valve with Flanged or Butt-welded Ends

Series reference

GPZ43Y / GPZ63Y / GPZ83Y

Text overview

Flanged butt welded and clamp end constructions; source pressure groups 16 / 22 / 25 / 35 MPa

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

Automatic-compensation Balanced Double-disc Flat Gate Valve

Series reference

ZBPZ44Y / ZBPZ44H / ZBPZ44F

Text overview

Balanced double disc flat gate construction

Pipeline isolation. Select the required pressure, material, seat and actuation.

Lianggong Valve Series

HONVAX

Globe valves

Contents



Globe valves

J41T/W/H/F/X-16/16Q

DN15 to DN300 | 1.6 MPa

Pipeline shutoff with globe valve construction.

YDW-032 | Yuanda Water Series



All-brass Globe Valve (Upper Construction)

J11F-10/16T

DN15–DN50 | 1.6 MPa (page heading)

Pipeline shutoff or manual throttling within the stated service limits.

YDC-014 | Yuanda Copper Series



All-brass Globe Valve (Lower Construction)

J11W-10/16T

DN15–DN50 | 1.6 MPa (page heading)

Pipeline shutoff or manual throttling within the stated service limits.

YDC-015 | Yuanda Copper Series



Y-pattern Brass Globe Valve

J15X-16T

DN15–DN50 | 1.6 MPa

Pipeline shutoff or manual throttling within the stated service limits.

YDC-016 | Yuanda Copper Series



Brass Angle Globe Valve

J14W-16T

DN15–DN25 | 1.6 MPa

Pipeline shutoff or manual throttling within the stated service limits.

YDC-017 | Yuanda Copper Series



LW-005 Flanged Brass Globe Valve

J41W-16T

DN15–DN65 | 1.6 MPa

Pipeline shutoff or manual throttling within the stated service limits.

YDC-018 | Yuanda Copper Series

HONVAX

Globe valves

Contents



Lockable Brass Globe Valve

J11W-10T/16T

DN15–DN25 | 1.6 MPa (page listing)

Pipeline shutoff or manual throttling within the stated service limits.

YDC-019 | Yuanda Copper Series



Flanged Globe Valve

J41H-150LB/300LB

Representative product configuration

Globe valve construction for pipeline shutoff.

YDP-003 | Yuanda Petrochemical Series



Stainless Steel Globe Valve

J41W-16P/25P/40P

Representative product configuration

Globe valve construction for pipeline shutoff.

YDP-013 | Yuanda Petrochemical Series



Cast Steel Globe Valve

J41H-16C/25/40/64

Representative product configuration

Globe valve construction for pipeline shutoff.

YDP-031 | Yuanda Petrochemical Series



Compact Globe Valve

J61-16C/25/40/64/100/160

Representative product configuration

Globe valve construction for pipeline shutoff.

YDP-051 | Yuanda Petrochemical Series



Forged Steel Globe Valve

J61H/Y-150/300/600/800/900/1500LBC

Representative product configuration

Globe valve construction for pipeline shutoff.

YDP-054 | Yuanda Petrochemical Series

HONVAX

Globe valves

Contents



Forged Steel Flanged Globe Valve

J41H/Y-150/300/600/900/1500LBC

Representative product configuration

Globe valve construction for pipeline shutoff.

YDP-055 | Yuanda Petrochemical Series



Forged Steel Globe Valve

J61H/Y-16C/25/40/63/100

Representative product configuration

Globe valve construction for pipeline shutoff.

YDP-058 | Yuanda Petrochemical Series



Forged Steel Flanged Globe Valve

J41H/Y-16C/25/40/63/100

Representative product configuration

Globe valve construction for pipeline shutoff.

YDP-059 | Yuanda Petrochemical Series

Class rated globe valve

Series reference
Text overview

J41H / J40Y / J41W

Class 150 / 300 / 600 / 900 / 1500 / 2500

Pipeline shutoff or throttling within the selected construction limits.

Lianggong Valve Series

Flanged manual globe valve

Series reference
Text overview

Nominal pressure 1.6 / 2.5 / 4.0 / 6.4 / 10.0 / 16.0 MPa

Pipeline shutoff or throttling within the selected construction limits.

Lianggong Valve Series

Motor-operated Flanged Globe Valve

Series reference
Text overview

Nominal pressure 1.6 / 2.5 / 4.0 / 6.4 / 10.0 / 16.0 MPa

Pipeline shutoff or throttling within the selected construction limits.

Lianggong Valve Series

HONVAX

Globe valves

Contents

Vacuum Isolation Globe Valve

Series reference
Text overview

NKJ61H / NKJ61Y; NKJ41H / NKJ41Y

Nominal pressure groups 1.6 / 2.5 / 4.0 / 6.4 / 10.0 MPa; separate NKJ61 and NKJ41 constructions

Pipeline shutoff or throttling within the selected construction limits.

Lianggong Valve Series

Water-sealing Globe Valve

Series reference
Text overview

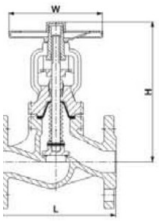
DS/J61H / DS/J61Y; DS/J41H / DS/J41Y

DS/J61 and DS/J41 constructions; pressure and material suffixes must be selected separately

Pipeline shutoff or throttling within the selected construction limits.

Lianggong Valve Series

Bellows Globe Valve



Original manufacturer drawing

WJ41H-16 / WJ41H-25 / WJ41H-40

Nominal pressure 1.6 / 2.5 / 4.0 MPa; source working temperature -20 to 350 °C

Pipeline shutoff or throttling within the selected construction limits.

Lianggong Valve Series

Manual Power Station Globe Valve

Series reference
Text overview

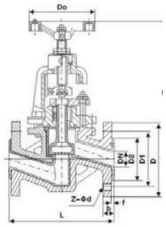
J61Y

Source groups -200 / -250 / -320 / -P54100 / -P54140 / -P54170

Pipeline shutoff or throttling within the selected construction limits.

Lianggong Valve Series

Flanged PTFE-lined Globe Valve



Original manufacturer drawing

J41F / J45F

Nominal pressure 1.0 to 2.5 MPa; source DN15 to DN350

Pipeline shutoff or throttling within the selected construction limits.

Lianggong Valve Series

Flanged PTFE-lined Angle Globe Valve

Series reference
Text overview

J44F

Nominal pressure 1.0 to 2.5 MPa; source DN15 to DN300

Pipeline shutoff or throttling within the selected construction limits.

Lianggong Valve Series

HONVAX

Globe valves

Contents

Stainless steel flanged globe valve

Series reference
Text overview

Flanged globe construction
Pipeline shutoff or throttling within the selected construction limits.
Lianggong Valve Series

Globe valve for antibiotic production service

Series reference
Text overview

Nominal pressure 1.6 MPa; source DN15 to DN200
Pipeline shutoff or throttling within the selected construction limits.
Lianggong Valve Series

Stainless Steel Cryogenic Globe Valve

Series reference
Text overview

DJ41Y / DJ641Y / DJ9B41Y
Separate low temperature constructions
Pipeline shutoff or throttling within the selected construction limits.
Lianggong Valve Series

HONVAX

Check and foot valves

Contents



Lift check valves

H41T/W/H/F/X-16/16Q

DN15 to DN250 | 1.6 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-033 | Yuanda Water Series



Rubber disc check valves

H44X-16Q

DN50 to DN200 | 1.6 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-034 | Yuanda Water Series



Swing check valves

H44T/W-10/16Q

DN40 to DN600 | 1 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-035 | Yuanda Water Series



Silent check valves

HC41X-16/16Q

DN40 to DN400 | 1.6 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-036 | Yuanda Water Series



Wafer dual plate check valves

DH77X-10/16

DN40 to DN400 | 1; 1.6 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-037 | Yuanda Water Series



Ball check valves

HQ41X-16Q

DN40 to DN200 | 1.6 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-038 | Yuanda Water Series

HONVAX

Check and foot valves

Contents



Butterfly check valves with damping

DHh47X-10Q

DN300 to DN600 | 1 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-039 | Yuanda Water Series



Lift foot valves

H42X-2.5

DN50 to DN350 | 0.25 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-047 | Yuanda Water Series

Request model-specific image

Threaded foot valves

H12X-2.5

G 1 1/4 to 4 inch | 0.25 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-048 | Yuanda Water Series



Flanged foot valves

H45X-2.5/H46X-2.5

DN400 to DN500 | 0.25 MPa

Automatic prevention of reverse flow; foot valves serve water suction lines.

YDW-049 | Yuanda Water Series



Brass Check Valve

H14W-16T

DN15–DN50 | 1.6 MPa

Automatic prevention of reverse flow in the specified service.

YDC-020 | Yuanda Copper Series



Forged Brass Vertical Check Valve

H12X-16T

DN15–DN50 | 1.6 MPa

Automatic prevention of reverse flow in the specified service.

YDC-021 | Yuanda Copper Series

HONVAX

Check and foot valves

Contents



Brass Water Meter Check Valve

H32X-16T

DN20–DN20 | 1.6 MPa

Automatic prevention of reverse flow in the specified service.

YDC-022 | Yuanda Copper Series



Flanged Brass Check Valve

H44W-16T

DN25–DN200 | 1.6 MPa

Automatic prevention of reverse flow in the specified service.

YDC-023 | Yuanda Copper Series



Brass Silent Check Valve

H72X-16T

DN15–DN65 | 1.6 MPa

Automatic prevention of reverse flow in the specified service.

YDC-024 | Yuanda Copper Series



Brass Lift-type Slow-closing Check Valve

H41W-16T / H41X-16T

DN40–DN150 | 1.6 MPa

Automatic prevention of reverse flow in the specified service.

YDC-025 | Yuanda Copper Series



Swing Check Valve

H44H-150LB(C)

Representative product configuration

Check valve construction for reverse-flow prevention.

YDP-004 | Yuanda Petrochemical Series



Stainless Steel Swing Check Valve

H44W-150LB(P)

Representative product configuration

Check valve construction for reverse-flow prevention.

YDP-008 | Yuanda Petrochemical Series

Check and foot valves

Contents



Stainless Steel Swing Check Valve

H44W-16/25

Representative product configuration

Check valve construction for reverse-flow prevention.

YDP-014 | Yuanda Petrochemical Series



Stainless Steel Lift Check Valve

H41W-16/25

Representative product configuration

Check valve construction for reverse-flow prevention.

YDP-015 | Yuanda Petrochemical Series



Swing Check Valve

H44H-16C/25

Representative product configuration

Check valve construction for reverse-flow prevention.

YDP-035 | Yuanda Petrochemical Series

Class rated swing check valve

Series reference
Text overview

H44H / H44Y / H44W

Class 150 / 300 / 600 / 900 / 1500 / 2500

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

Swing check valve

Series reference
Text overview

Nominal pressure groups 1.6 / 2.5 / 4.0 / 6.4 / 10.0 / 16.0 MPa

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

Lift check valve

Series reference
Text overview

Nominal pressure groups 1.6 / 2.5 / 4.0 / 6.4 / 10.0 / 16.0 MPa

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

HONVAX

Check and foot valves

Contents

High temperature high pressure lift check valve

Series reference
Text overview

Source suffixes 250 / 320 / P55140V / P55170V are not converted to nominal pressure
Reverse flow prevention. Select the installation orientation and closing arrangement.
Lianggong Valve Series

Air evacuation check valve

175H48Y(H)-200

Series reference
Text overview

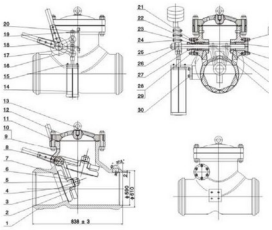
Nominal and working pressure 20.0 MPa; shell test 30.0 MPa; water; working temperature ≤425 °C
Reverse flow prevention. Select the installation orientation and closing arrangement.
Lianggong Valve Series

Slag Discharge Swing Check Valve

PH44H-10C / PH44H-16C / PH44H-25

Series reference
Text overview

Nominal pressure 1.0 / 1.6 / 2.5 MPa
Reverse flow prevention. Select the installation orientation and closing arrangement.
Lianggong Valve Series

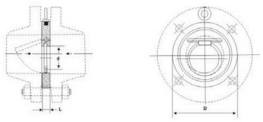


Original manufacturer drawing

Extraction Check Valve

H664H

Nominal pressure 2.0 / 4.0 / 5.0 / 6.4 / 10.0 MPa
Reverse flow prevention. Select the installation orientation and closing arrangement.
Lianggong Valve Series



Original manufacturer drawing

Wafer Disc Check Valve

H74X / H74H

Nominal pressure 1.0 / 1.6 / 2.5 / 4.0 MPa; DN50 to DN600; separate type I and type II lengths
Reverse flow prevention. Select the installation orientation and closing arrangement.
Lianggong Valve Series

Wafer-type Dual Plate Check Valve

H76X-10 / H76H-16

Series reference
Text overview

H76X-10 and H76H-16 are separate source variants
Reverse flow prevention. Select the installation orientation and closing arrangement.
Lianggong Valve Series

HONVAX

Check and foot valves

Contents

H77 Wafer Check Valve

Series reference
Text overview

H77X / H77H / H77Y / H77W

Nominal pressure groups 1.0 / 1.6 / 2.5 / 4.0 / 6.4 MPa; soft and hard seated variants

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

High-pressure Heater Outlet Check Valve

Series reference
Text overview

H61Y

Source groups -200 / -250 / -320 / -P54100 / -P54140 / -P54170

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

High-pressure Heater Outlet Check Valve DN225

Series reference
Text overview

H63Y-35

DN225; source model suffix -35; maximum listed temperature 425 °C

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

High-pressure Heater Outlet Check Valve

Series reference
Text overview

H63Y-20 / H62Y-25

Source lists three nominal diameters; pressure is not inferred from the model suffix

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

HH44X Micro Slow-closing Check Valve

Series reference
Text overview

HH44X

Source performance range DN50 to DN800; nominal pressure 1.0 / 1.6 / 2.5 MPa

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

Slow closing check valve

Series reference
Text overview

HH44X / HH44Z

Nominal pressure 1.0 / 1.6 / 2.5 MPa; source DN50 to DN800; temperature selected by configuration

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

Check and foot valves

Contents

Flanged PTFE-lined Check Valve

Series reference
Text overview

H44F / H41F

Nominal pressure 0.6 to 1.6 MPa; source DN15 to DN500; swing and lift variants

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

Stainless Steel Swing Check Valve

Series reference
Text overview

H44W

Swing check construction

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

Stainless Steel Lift Check Valve

Series reference
Text overview

H41W

Lift check construction

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

H71 Wafer Stainless Steel Check Valve

Series reference
Text overview

H71

Source nominal pressure groups 1.0 / 1.6 / 2.5 / 4.0 MPa

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

H74 Wafer Stainless Steel Check Valve

Series reference
Text overview

H74

Nominal pressure groups 1.0 / 1.6 MPa

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

H76 Wafer-type Stainless Steel Check Valve

Series reference
Text overview

H76

Nominal pressure groups 1.0 / 1.6 / 2.5 MPa

Reverse flow prevention. Select the installation orientation and closing arrangement.

Lianggong Valve Series

HONVAX

Ball valves

Contents



Flanged ball valves

Q41F-16

DN15 to DN150 | 1.6 MPa

Pipeline shutoff within the selected pressure, temperature and fluid limits.

YDW-040 | Yuanda Water Series



Threaded ball valves

Q11F-16

DN15 to DN50 | 1.6 MPa

Pipeline shutoff within the selected pressure, temperature and fluid limits.

YDW-041 | Yuanda Water Series



Flanged ball valves

QJ41MF-16

DN20 to DN200 | 1.6 MPa

Pipeline shutoff within the selected pressure, temperature and fluid limits.

YDW-042 | Yuanda Water Series



Eccentric hemispherical valves

PQ340X-10Q/16Q

DN50 to DN1800 | 1; 1.6 MPa

Pipeline shutoff within the selected pressure, temperature and fluid limits.

YDW-043 | Yuanda Water Series



Rotary ball valves

XDF342H/X-6Q/10Q/16Q

DN250 to DN1000 | 0.6; 1; 1.6 MPa

Pipeline shutoff within the selected pressure, temperature and fluid limits.

YDW-044 | Yuanda Water Series





Brass Ball Valve

Q11F-16T/25T

DN15–DN50 | 1.6 MPa (page specification)

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-026 | Yuanda Copper Series

Ball valves

Contents



Aluminium-plastic Pipe Union Ball Valve

Q11F-16

Size per selected construction | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-027 | Yuanda Copper Series



Magnetic Locking Brass Ball Valve

(CX)NSQ11F-16T-15

DN15–DN25 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-030 | Yuanda Copper Series



Forged Brass Y-Strainer Ball Valve

GLQF-16T

DN15–DN32 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-031 | Yuanda Copper Series



Brass Male/Female Thread Straight Ball Valve (101 Type)

Q31F-16T

Size per selected construction | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-033 | Yuanda Copper Series



Forged Brass Key-Locking Ball Valve

Q11F-16T

DN15–DN32 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-034 | Yuanda Copper Series



Forged Brass Magnetic Locking Ball Valve

Q11F-16T

DN15–DN50 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-035 | Yuanda Copper Series

Ball valves

Contents



Brass Male/Female Thread Union Ball Valve

Q11F-16T

DN20–DN20 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-036 | Yuanda Copper Series



Brass Key-Locking Ball Valve

Q11F-16T

DN20–DN20 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-037 | Yuanda Copper Series



Aluminium-Plastic Pipe Compression Ball Valve (Female)

Q11F-16T

Size per selected construction | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-038 | Yuanda Copper Series



Brass Union Ball Valve

Q11F-16T

DN15–DN25 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-039 | Yuanda Copper Series



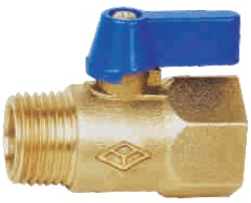
Brass Unequal-Diameter Union Ball Valve

Q11F-16T

DN15–DN15 | 2.0 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-040 | Yuanda Copper Series



One-Piece Brass Ball Valve

Q31F-16T

Size per selected construction | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-041 | Yuanda Copper Series

Ball valves

Contents



PP-R Ball Valve, Male/Female Single-Union Type

Q31F-16T

Size per selected construction | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-042 | Yuanda Copper Series



PP-R Ball Valve, Double-Union Type

Q21F-16T

DN15–DN25 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-043 | Yuanda Copper Series



Forged Brass Temperature-Measuring Ball Valve

Q11F-16T

DN15–DN50 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-044 | Yuanda Copper Series



Male/Female Thread Butterfly-Handle Ball Valve

Q31F-16T

DN15–DN25 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-045 | Yuanda Copper Series



Forged Brass Magnetic Strainer Ball Valve

Q11F-16T

DN15–DN25 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-046 | Yuanda Copper Series



Brass Ball Valve (US Pattern)

Q11F-40T / Q11F-16T

DN8–DN100

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-047 | Yuanda Copper Series

HONVAX

Ball valves

Contents



Brass Male–Female Butterfly Handle Ball Valve

Q31F-16T

DN15–DN50 | 2.0 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-048 | Yuanda Copper Series



Full-Bore Brass Ball Valve

Q11F-16T

DN15–DN50 | 2.0 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-049 | Yuanda Copper Series



Brass Lockable Telescopic Ball Valve

Q31F-16T

DN15–DN20 | 2.0 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-050 | Yuanda Copper Series



Brass Hose Connection Ball Valve

Q21F-16T

Size per selected construction | 1.6 MPa

Hose connection isolation; observe the separate gas pressure limit.

YDC-051 | Yuanda Copper Series



Three-Way Regulating Ball Valve

ST11F-16T

DN15–DN20 | 1.6 MPa

Three-way manual regulation in tap water circuits.

YDC-052 | Yuanda Copper Series



Brass Compression Fitting Ball Valve

Q91F-16T

Size per selected construction | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-053 | Yuanda Copper Series

Ball valves

Contents



Brass Male Threaded Ball Valve

Q21F-16T

DN15–DN25 | 2.0 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-054 | Yuanda Copper Series



Brass Water Meter Union Ball Valve

Q11F-16T

DN15–DN20 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-055 | Yuanda Copper Series



Angle Ball Valve for Heating

Size per selected construction

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-056 | Yuanda Copper Series



Temperature-Measuring Magnetic Lockable Strainer Ball Valve

GLQ11F-16T

DN15–DN25 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-057 | Yuanda Copper Series



Brass Flanged Ball Valve

Q41F-16T / 25T

DN15–DN100 | 1.6 / 2.5 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-058 | Yuanda Copper Series



Brass Heating Three-Way Ball Valve

Q15F-16T

DN15–DN25 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-059 | Yuanda Copper Series

HONVAX

Ball valves

Contents



Brass Heating Three-way Ball Valve

Q15F-16T

DN15–DN32 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-060 | Yuanda Copper Series



Brass L-port Three-way Ball Valve

Q15F-16T

DN15–DN50 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-061 | Yuanda Copper Series



Brass Compression Ball Valve for Aluminium-plastic Pipe, Male Thread

Q21F-16T

Size per selected construction | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-062 | Yuanda Copper Series



Brass Drainage Ball Valve with Strainer

Q11F-16T

DN15–DN25 | 2.0 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-066 | Yuanda Copper Series



Brass Heating Three-way Ball Valve

Q11F-16T

DN15–DN25 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-067 | Yuanda Copper Series



Brass Compression Ball Valve

Q91F-16T

DN15–DN25 | 1.6 MPa

Quarter-turn isolation; select the required thread, union or compression construction.

YDC-068 | Yuanda Copper Series

HONVAX

Ball valves

Contents



Cast Steel Ball Valve

Q41F-150LB(C)

Representative product configuration

Ball valve construction with the actuation shown.

YDP-005 | Yuanda Petrochemical Series



Stainless Steel Ball Valve

Q41F-150LB

Representative product configuration

Ball valve construction with the actuation shown.

YDP-009 | Yuanda Petrochemical Series



Stainless Steel Ball Valve

Q41F-16P/25P

Representative product configuration

Ball valve construction with the actuation shown.

YDP-016 | Yuanda Petrochemical Series



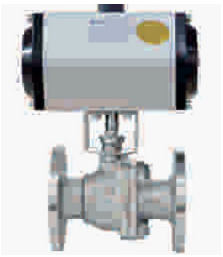
Electric Ball Valve

Q941F-16P

Representative product configuration

Ball valve construction with the actuation shown.

YDP-018 | Yuanda Petrochemical Series



Pneumatic Ball Valve

Q641F-16P

Representative product configuration

Ball valve construction with the actuation shown.

YDP-019 | Yuanda Petrochemical Series



Fluorine-lined Ball Valve

Q41F46-10C/16/25

Representative product configuration

Ball valve construction with the actuation shown.

YDP-037 | Yuanda Petrochemical Series

HONVAX

Ball valves

Contents



Flanged Ball Valve

Q41F-16C/25

Representative product configuration

Ball valve construction with the actuation shown.

YDP-038 | Yuanda Petrochemical Series



Trunnion-mounted Ball Valve

Q347F-16C/25/40/64

Representative product configuration

Ball valve construction with the actuation shown.

YDP-039 | Yuanda Petrochemical Series



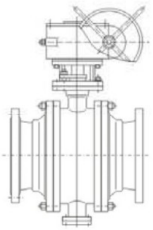
Eccentric Hemispherical Valve

PBQ40-16C/25/40

Representative product configuration

Ball valve construction with the actuation shown.

YDP-041 | Yuanda Petrochemical Series



Original manufacturer drawing

Trunnion mounted soft seated ball valve

Q47F

Trunnion mounted construction with source seat sealing and pressure relief diagrams

Pipeline isolation or process flow control with the selected seat and drive.

Lianggong Valve Series

Trunnion mounted metal seated ball valve

Series reference
Text overview

Q47Y

Nominal pressure groups 1.6 / 2.5 / 4.0 / 6.4 / 10.0 MPa and Class 150 / 300 / 600

Pipeline isolation or process flow control with the selected seat and drive.

Lianggong Valve Series

Forged Steel Ball Valve

Series reference
Text overview

Forged steel construction

Pipeline isolation or process flow control with the selected seat and drive.

Lianggong Valve Series

HONVAX

Ball valves

Contents

Top-entry Eccentric Semi-ball Valve

Series reference
Text overview

Nominal pressure groups 1.0 / 1.6 MPa; manual gear pneumatic and electric configurations
Pipeline isolation or process flow control with the selected seat and drive.
Lianggong Valve Series

Dust Unloading Ball Valve

FQ347AF / FQ647AF / FQ947AF

Series reference
Text overview

Nominal pressure 0.25 / 0.6 MPa; listed temperature ≤250 °C; air dust and ash bearing gas
Pipeline isolation or process flow control with the selected seat and drive.
Lianggong Valve Series

Flanged Floating Ball Valve

Q41F / Q641F / Q941F

Series reference
Text overview

Nominal pressure 1.6 MPa; manual pneumatic and electric drive references
Pipeline isolation or process flow control with the selected seat and drive.
Lianggong Valve Series

Bolted body floating ball valve

Series reference
Text overview

Floating ball construction
Pipeline isolation or process flow control with the selected seat and drive.
Lianggong Valve Series

Bolted body trunnion mounted ball valve

Series reference
Text overview

Trunnion mounted construction
Pipeline isolation or process flow control with the selected seat and drive.
Lianggong Valve Series

Stainless steel floating ball valve

Series reference
Text overview

Nominal pressure 1.6 / 2.5 / 4.0 / 6.4 MPa
Pipeline isolation or process flow control with the selected seat and drive.
Lianggong Valve Series

HONVAX

Ball valves

Contents

Class rated stainless steel flanged ball valve

Series reference
Text overview

Q41F Class 150

Class rated source range

Pipeline isolation or process flow control with the selected seat and drive.

Lianggong Valve Series

Stainless Steel Flanged Three-Way Ball Valve

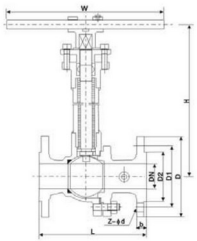
Series reference
Text overview

Q44 / Q45; Q644 / Q645; Q944 / Q945

Separate L and T port flow paths

Pipeline isolation or process flow control with the selected seat and drive.

Lianggong Valve Series



Original manufacturer drawing

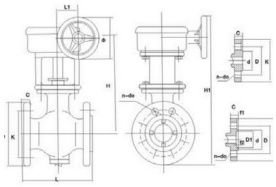
Stainless Steel Cryogenic Flanged Ball Valve

DQ41F / DQ641F / DQ9B41F

Nominal pressure 1.6 / 2.5 MPa; source DN15 to DN250

Pipeline isolation or process flow control with the selected seat and drive.

Lianggong Valve Series



Original manufacturer drawing

QBQ340 Eccentric Half-ball Valve

QBQ340W / QBQ340H / QBQ340M / QBQ340M1

Gear driven eccentric half ball valve; W / H / M / M1 sealing variants remain separate

Pipeline isolation or process flow control with the selected seat and drive.

Lianggong Valve Series

QBQ640 Pneumatic Eccentric Half-ball Valve

Series reference
Text overview

QBQ640W / QBQ640H / QBQ640M / QBQ640M1

Pneumatic eccentric half ball valve; W / H / M / M1 variants remain separate

Pipeline isolation or process flow control with the selected seat and drive.

Lianggong Valve Series

QBQ940 Electric Eccentric Half-ball Valve

Series reference
Text overview

QBQ940W / QBQ940H / QBQ940M / QBQ940M1

Electric eccentric half ball valve; W / H / M / M1 variants remain separate

Pipeline isolation or process flow control with the selected seat and drive.

Lianggong Valve Series

HONVAX

Gas service valves

Contents



Double wedge gate valves for gas

Z42W-1

DN300 to DN700 | 0.1 MPa

Isolation in fuel gas pipework; select the specific pressure and sealing arrangement.

YDW-010 | Yuanda Water Series



Gear and electric double wedge gate valves for gas

Z542W-1 / Z942W-1

DN300 to DN1600 | 0.1 MPa

Isolation in fuel gas pipework; select the specific pressure and sealing arrangement.

YDW-011 | Yuanda Water Series



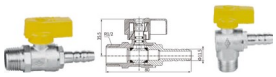
Quick operating gas gate valves

MZ548W-2

DN500 to DN1400 | 0.2 MPa

Isolation in fuel gas pipework; select the specific pressure and sealing arrangement.

YDW-012 | Yuanda Water Series



Brass External-thread Gas Ball Valve

Q81F-16T / Q24F-16T

Size per selected construction | 1.6 MPa (page specification)

Straight or angle hose connection for the stated indoor town gas duty.

YDC-028 | Yuanda Copper Series



Brass Gas Ball Valve

RQ-9.5JY

Size per selected construction | 0.015 MPa

Municipal town fuel gas shutoff with a hose-tail connection.

YDC-029 | Yuanda Copper Series



Brass Gas Hose Ball Valve

RQ-905J

Size per selected construction | 0.4 MPa

Isolation of domestic pipeline gas through a hose-tail connection.

YDC-032 | Yuanda Copper Series

HONVAX

Gas service valves

Contents



Brass Female-threaded Gas Ball Valve

Q11F-16T

Size per selected construction

Isolation in the stated fuel gas service; verify the specific gas and permitted pressure.

YDC-064 | Yuanda Copper Series



Brass Female-threaded Union Gas Ball Valve

QR11F-16T

Size per selected construction

Isolation in the stated fuel gas service; verify the specific gas and permitted pressure.

YDC-065 | Yuanda Copper Series



Brass Butterfly-Handle Gas Valve

RQ-9.5JY

Size per selected construction | 0.015 MPa

Municipal town fuel gas shutoff with a butterfly handle.

YDC-074 | Yuanda Copper Series



Double-Outlet Brass Gas Valve

14X1

Size per selected construction

Two independently operated outlet connections for the specified gas service.

YDC-075 | Yuanda Copper Series

HONVAX

Strainers

Contents





Short pattern Y strainers

GL41H-16/GL41aH-16/16Q

DN32 to DN450 | 1.6 MPa

Removal of entrained debris from pipelines within the stated fluid and temperature limits.

YDW-045 | Yuanda Water Series



Threaded Y strainers

GL11H-16

G 1/2 to 2 inch | 1.6 MPa

Removal of entrained debris from pipelines within the stated fluid and temperature limits.

YDW-046 | Yuanda Water Series



Forged Brass Y-Strainer

GL11W-16T

DN15–DN50 | 1.6 MPa

Removal of pipeline debris; select the mesh and connection for the required duty.

YDC-069 | Yuanda Copper Series



Brass Y-Strainer – Upper Construction

SY11-16T

DN15–DN100 | 1.6 MPa

Removal of pipeline debris; select the mesh and connection for the required duty.

YDC-070 | Yuanda Copper Series



Brass Y-Strainer – Lower Construction

SY11-16T

DN15–DN100 | 1.6 MPa

Removal of pipeline debris; select the mesh and connection for the required duty.

YDC-071 | Yuanda Copper Series



Flanged Brass Strainer

SY41-16T

DN40–DN300 | 1.6 MPa

Removal of pipeline debris; select the mesh and connection for the required duty.

YDC-072 | Yuanda Copper Series

HONVAX

Strainers

Contents



Brass Backwash Strainer

SY11-16T

Size per selected construction | 1.6 MPa

Water filtration with backwashing for filter cleaning.

YDC-073 | Yuanda Copper Series



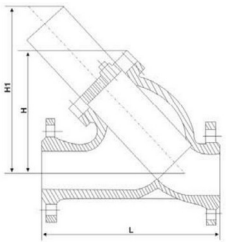
Stainless Steel Strainer

GL41W-16P/25P

Representative product configuration

Strainer construction for pipeline debris removal.

YDP-022 | Yuanda Petrochemical Series



Original manufacturer drawing

Flanged Y strainer

SY4P-10 / SY4P-16 / SY4P-25

SY4P-10 grey cast iron; SY4P-16 stainless steel; SY4P-25 carbon steel; do not interchange material variants

Pipeline debris removal. Specify material, connection and screen requirements.

Lianggong Valve Series

Series reference
Text overview

Class rated flanged Y strainer

Class 150 / 300; carbon alloy and stainless steel material variants are separate

Pipeline debris removal. Specify material, connection and screen requirements.

Lianggong Valve Series

HONVAX

Pressure reducing valves

Contents



Adjustable pressure reducing valves

SK200X

DN50 to DN250 | 1; 1.6; 2.5 MPa

Downstream pressure regulation in water supply systems.

YDW-060 | Yuanda Water Series



Brass Adjustable Pressure-Reducing Valve

Y22X-16T

DN15–DN50 | 1.0 MPa (printed nominal rating)

Downstream water pressure regulation within the stated inlet and outlet limits.

YDC-082 | Yuanda Copper Series



Brass Pressure-Reducing Valve

Y13X-16T

DN15–DN50 | 1.6 MPa

Downstream water pressure regulation within the stated inlet and outlet limits.

YDC-083 | Yuanda Copper Series



Brass Adjustable Pressure Reducing Valve

Y42X-10T

DN50–DN50 | 1.0 MPa

Downstream water pressure regulation within the stated inlet and outlet limits.

YDC-084 | Yuanda Copper Series



Brass Piston-type Adjustable Pressure Reducing Valve

Y43X-16T

DN50–DN150

Downstream water pressure regulation within the stated inlet and outlet limits.

YDC-085 | Yuanda Copper Series



Brass Proportional Pressure Reducing Valve

Y13X-16T

DN15–DN100 | 1.6 MPa

Downstream water pressure regulation within the stated inlet and outlet limits.

YDC-086 | Yuanda Copper Series

HONVAX

Pressure reducing valves

Contents



Brass Piston-type Adjustable Pressure Reducing Valve with Gauge

Y43X-16T

DN50–DN100

Downstream water pressure regulation within the stated inlet and outlet limits.

YDC-087 | Yuanda Copper Series



Brass Adjustable Pressure Reducing Valve

Y12X-16T

DN15–DN50 | 1.6 MPa

Downstream water pressure regulation within the stated inlet and outlet limits.

YDC-088 | Yuanda Copper Series



Brass Piston-type Adjustable Pressure Reducing Valve

Y13X-16T

DN15–DN100

Downstream water pressure regulation within the stated inlet and outlet limits.

YDC-089 | Yuanda Copper Series



Adjustable Pressure Reducing Valve

Y12X-10T / Y12X-10P

DN15–DN50 | 1.0 MPa

Downstream water pressure regulation within the stated inlet and outlet limits.

YDC-090 | Yuanda Copper Series

YX741X Adjustable Pressure Reducing Valve

YX741X

Series reference
Text overview

Nominal pressure 1.0 / 1.6 / 2.5 MPa; water 0 to 80 °C; downstream setting depends on pressure group

Downstream pressure regulation. Specify inlet pressure and required outlet setting.

Lianggong Valve Series

SLD200X Pressure Reducing Valve

SLD200X

Series reference
Text overview

Nominal pressure 1.0 / 1.6 / 2.5 MPa; clean or raw water; listed temperature ≤80 °C

Downstream pressure regulation. Specify inlet pressure and required outlet setting.

Lianggong Valve Series

HONVAX

Pressure reducing valves

Contents

741X Pressure Reducing Valve

Series reference

741X

Text overview

Nominal pressure 1.0 / 1.6 / 2.5 MPa; water or raw water; listed temperature ≤80 °C

Downstream pressure regulation. Specify inlet pressure and required outlet setting.

Lianggong Valve Series

HONVAX

Balancing valves

Contents



Lockable balancing valves

SP45F-16Q

DN32 to DN200 | 1.6 MPa

Adjustable, lockable balancing in water or steam networks within the specified limits.

YDW-057 | Yuanda Water Series



Brass Balancing Valve

J17F-16T

DN15–DN50 | 1.6 MPa

Manual balancing and flow adjustment in the specified water circuit.

YDC-077 | Yuanda Copper Series



Four-in-One Balancing Valve

Not specified in original product panel

Size per selected construction

Manual balancing and flow adjustment in the specified water circuit.

YDC-078 | Yuanda Copper Series



Magnetic Regulating Balancing Valve

Not specified in original product panel

Size per selected construction

Manual balancing and flow adjustment in the specified water circuit.

YDC-079 | Yuanda Copper Series

Series reference
Text overview

KPF-16 Balancing Valve

KPF-16

Nominal pressure 1.6 MPa; water or steam; listed temperature ≤200 °C

Manual flow balancing for the specified water or heating duty.

Lianggong Valve Series

HONVAX

Air vents

Contents



Combination air valves

FGP4X-10Q/16Q

DN50 to DN300 | 1; 1.6 MPa

Air management in water networks.

YDW-017 | Yuanda Water Series



Damped combination air valves

FGPH4X-16Q

DN50 to DN150 | 1.6 MPa

Air management in water networks.

YDW-058 | Yuanda Water Series



Boiler Air Vent Valve

Not specified in original product panel

Size per selected construction

Air release for boiler or heating pipework.

YDC-076 | Yuanda Copper Series



Brass Air Vent Valve

B21X-16T

DN15–DN25 | 1.6 MPa

Air release in the specified water or heating service.

YDC-080 | Yuanda Copper Series



Brass Automatic Air Vent Valve with Filter

B725X-16T

DN15–DN25 | 1.6 MPa

Air release in the specified water or heating service.

YDC-081 | Yuanda Copper Series

Series reference
Text overview

Combination Air Release Valve

PI-10 / PII-10 / KPII-10

Nominal pressure 1.0 MPa; PI-10, PII-10 and KPII-10 constructions

Pipeline air management.

Lianggong Valve Series

HONVAX

Radiator and heating valves

Contents



Brass Heating Angle Valve (JNTT-N)

JNTT-N

DN15–DN25 | 1.6 MPa

Local isolation or temperature control in radiator and heating circuits.

YDC-091 | Yuanda Copper Series



Brass Thermostatic Radiator Valve, Straight

J631X-16T

DN15–DN25 | 1.6 MPa

Straight radiator control with a thermostatic head.

YDC-092 | Yuanda Copper Series



Brass Thermostatic Radiator Valve, Angle

J634X-16T

DN15–DN20 | 1.6 MPa

Angle radiator control with a thermostatic head.

YDC-093 | Yuanda Copper Series



Brass Angle Valve

JNFT-W

Size per selected construction

Angle isolation with a separate source construction.

YDC-094 | Yuanda Copper Series

HONVAX

Butterfly valves

Contents



Double eccentric flanged butterfly valves

D342X/D942X/D742X-10Q/16Q

DN200 to DN4000 | 1 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-019 | Yuanda Water Series



Rubber lined butterfly valves

D341X-10Q/16Q

DN50 to DN800 | 1; 1.6 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-020 | Yuanda Water Series



Gear operated wafer butterfly valves

D371X-10/10Q/16/16Q

DN50 to DN1000 | 1; 1.6 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-021 | Yuanda Water Series



Lever operated wafer butterfly valves

D71X-10/10Q/16/16Q

DN40 to DN200 | 1.0-1.6 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-022 | Yuanda Water Series



Pneumatic wafer butterfly valves

D671X-10/10Q/16/16Q

DN50 to DN1000 | 1; 1.6 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-023 | Yuanda Water Series



Electric wafer butterfly valves

D971X-10/10Q/16/16Q

DN50 to DN1000 | 1; 1.6 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-024 | Yuanda Water Series

HONVAX

Butterfly valves

Contents



Telescopic butterfly valves

SD342X-10Q/16Q

DN200 to DN2000 | 1 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-025 | Yuanda Water Series



Concentric telescopic butterfly valves

SD341X-10Q (16Q in dimension table)

DN50 to DN600 | 1 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-026 | Yuanda Water Series



Gear operated flanged telescopic butterfly valves

SD343X/F-10

DN50 to DN2000 | 1 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-027 | Yuanda Water Series



Fire service signal butterfly valves

ZSXDF7-Q-50~200-16-D371X

DN50 to DN200 | 1.6 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-030 | Yuanda Water Series



Clamped concentric butterfly valves

D81X-16

DN65 to DN200 | 1.6 MPa

Water pipeline shutoff and flow regulation within the stated model limits.

YDW-031 | Yuanda Water Series

Triple eccentric multilayer seated butterfly valve

Series reference
Text overview

Multilayer hard seated construction; pressure selected by variant

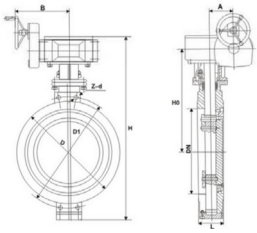
Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

HONVAX

Butterfly valves

Contents



Original manufacturer drawing

Wafer Type Triple-eccentric Multi-layer Hard-seated Butterfly Valve

D373H / D373Y / D373F

Nominal pressure 1.0 / 1.6 / 2.5 MPa

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Flanged Triple-eccentric Multi-layer Hard-seated Butterfly Valve

Series reference
Text overview

D343H / D343Y / D343F

Nominal pressure groups 1.0 / 1.6 / 2.5 / 4.0 / 6.4 MPa

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Butt-welded Triple-eccentric Multi-layer Hard-seated Butterfly Valve

Series reference
Text overview

D363H

Nominal pressure 1.0 / 1.6 / 2.5 / 4.0 MPa

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Flanged Bidirectional Metal Hard-seated Butterfly Valve

Series reference
Text overview

Nominal pressure groups 0.6 / 1.0 / 1.6 / 2.5 / 4.0 MPa

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Double eccentric butterfly valve with reinforced PTFE seat

Series reference
Text overview

D673F

Performance groups 1.0 / 1.6 MPa

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Flanged double eccentric butterfly valve with reinforced PTFE seat

Series reference
Text overview

D343F

Nominal pressure groups 1.0 / 1.6 / 2.5 / 4.0 MPa

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

HONVAX

Butterfly valves

Contents

Concentric wafer soft seated butterfly valve

Series reference
Text overview

D671X

Nominal pressure 0.6 / 1.0 / 1.6 MPa

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Wafer Worm-gear Rubber-lined Desulfurization Butterfly Valve

Series reference
Text overview

Rubber lined construction; natural rubber and ethylene propylene rubber options require separate temperature selection

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Flanged Rubber-lined Desulfurization Butterfly Valve

Series reference
Text overview

Source nominal pressure 1.0 MPa; large sizes include separately listed 0.6 MPa rows

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Flanged Double-eccentric Soft-sealing Butterfly Valve

Series reference
Text overview

D341X

Nominal pressure 0.6 / 1.0 MPa

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

KD741X-V Automatic Hydraulic Control Butterfly Valve

Series reference
Text overview

KD741X-V

Hydraulic control; normal and reverse installation drawings are separate

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Flanged Telescopic Butterfly Valve

Series reference
Text overview

Nominal pressure groups 0.6 / 1.0 / 1.6 MPa; metal and rubber seated variants

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

HONVAX

Butterfly valves

Contents

Flanged Ventilation Butterfly Valve

Series reference
Text overview

D641W / D643W

Nominal pressure groups 0.05 / 0.10 / 0.25 / 0.6 MPa

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Accumulator controlled slow closing butterfly valve

Series reference
Text overview

DX7K41X / DX7K41H

Source nominal pressure groups 1.0 / 0.6 / 0.25 MPa; seal and temperature selected by variant

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Round and Rectangular Multi-blade Butterfly Valve

Series reference
Text overview

FZKJWDY / ZKJWDY / ZDTWDY / SWDY

Round rectangular and square damper constructions; dimensions selected by shape

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Electric/Manual Multi-blade Butterfly Valve for Fans

Series reference
Text overview

FDBD-0.5 / FSBD-0.5

Nominal pressure 0.05 MPa; listed temperature -20 to 300 °C

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Wafer-type PTFE-lined Butterfly Valve (Midline)

Series reference
Text overview

D71F / D371F / D671F / D971F

Source 0.6 MPa dimension group DN40 to DN1200; manual gear pneumatic and electric series references

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

Flanged PTFE-lined Butterfly Valve (Midline)

Series reference
Text overview

DA71F / DA371F

Nominal pressure 0.6 to 1.6 MPa; source DN40 to DN1200

Pipeline or duct isolation and flow control. Select pressure, seat and actuation.

Lianggong Valve Series

HONVAX

Hydraulic control valves

Contents



Hydraulic pump outlet control valves

GL41H-10Q

DN200 to DN1800 | 1 MPa

Pump outlet control to limit reverse flow and hydraulic shock.

YDW-015 | Yuanda Water Series



Flow regulating valves

TL941X-10Q/16Q

DN400 to DN2200 | 1; 1.6 MPa

Regulation of raw water flow in water supply and diversion systems.

YDW-016 | Yuanda Water Series



Multifunction pump control valves

JD745X-16Q

DN50 to DN600 | 1.6 MPa

Pump discharge control and backflow prevention in clean water or wastewater systems.

YDW-018 | Yuanda Water Series



Remote float control valves

SK100X

DN50 to DN250 | 1; 1.6; 2.5 MPa

Automatic water level control in tanks using a remote float pilot.

YDW-059 | Yuanda Water Series



Slow closing silent check valves

SK300X

DN50 to DN250 | 1; 1.6; 2.5 MPa

Slow closing check function at water pump outlets.

YDW-061 | Yuanda Water Series



Flow control valves

SK400X

DN50 to DN250 | 1.0/1.6/2.5 MPa

Automatic limitation of pipeline flow.

YDW-062 | Yuanda Water Series

HONVAX

Hydraulic control valves

Contents



Pressure sustaining and relief valves

SK500X

DN50 to DN250 | 1; 1.6; 2.5 MPa

Pressure sustaining or pressure relief in water supply networks.

YDW-063 | Yuanda Water Series



Solenoid controlled hydraulic valves

SK600X

DN50 to DN250 | 1; 1.6; 2.5 MPa

Electrically commanded opening and closing of water pipelines.

YDW-064 | Yuanda Water Series



Pump control valves

SK700X

DN50 to DN250 | 1.0/1.6/2.5 MPa

Controlled pump discharge operation to reduce hydraulic shock.

YDW-065 | Yuanda Water Series



Differential pressure bypass valves

SK800X

DN50 to DN250 | 1; 1.6; 2.5 MPa

Differential pressure control through a bypass in water circuits.

YDW-066 | Yuanda Water Series



Emergency shutoff valves

SK900X

DN50 to DN250 | 1.0 / 1.6 / 2.5 MPa

Domestic water shutoff during fire demand in combined domestic and fire water systems.

YDW-067 | Yuanda Water Series



Sludge discharge valves

JM744X-10Q/16Q

DN100 to DN250 | 1; 1.6 MPa

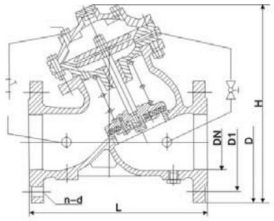
Sludge discharge duty; the performance table specifies wastewater.

YDW-068 | Yuanda Water Series

HONVAX

Hydraulic control valves

Contents



Original manufacturer drawing

JD745X Multifunctional Water Pump Control Valve

JD745X

Nominal pressure 1.0 / 1.6 / 2.5 MPa; water 0 to 80 °C; adjustable slow closing 3 to 60 s

Water system control. Specify operating conditions, pilot arrangement and control supply.

Lianggong Valve Series

F745X Remote Control Float Ball Valve

Series reference
Text overview

F745X

Nominal pressure 1.0 / 1.6 / 2.5 MPa; water 0 to 80 °C; float level control

Water system control. Specify operating conditions, pilot arrangement and control supply.

Lianggong Valve Series

HCM745X Electric Remote Control Valve

Series reference
Text overview

HCM745X

Nominal pressure 1.0 / 1.6 / 2.5 MPa; water 0 to 80 °C

Water system control. Specify operating conditions, pilot arrangement and control supply.

Lianggong Valve Series

AX742X Safety Relief / Pressure Sustaining Valve

Series reference
Text overview

AX742X

Nominal pressure 1.0 / 1.6 / 2.5 MPa; water 0 to 80 °C; relief setting selected by pressure group

Water system control. Specify operating conditions, pilot arrangement and control supply.

Lianggong Valve Series

SLD100X Remote-control Float Valve

Series reference
Text overview

SLD100X

Nominal pressure 1.0 / 1.6 / 2.5 MPa; water; listed temperature ≤80 °C

Water system control. Specify operating conditions, pilot arrangement and control supply.

Lianggong Valve Series

SLD300X Slow-closing Check Valve

Series reference
Text overview

SLD300X

Nominal pressure 1.0 / 1.6 / 2.5 MPa; water; listed temperature ≤80 °C

Water system control. Specify operating conditions, pilot arrangement and control supply.

Lianggong Valve Series

HONVAX

Hydraulic control valves

Contents

SLD500X Relief and Pressure Sustaining Valve

Series reference
SLD500X

Text overview
Nominal pressure 1.0 / 1.6 / 2.5 MPa; water; listed temperature ≤80 °C
Water system control. Specify operating conditions, pilot arrangement and control supply.
Lianggong Valve Series

SLD600X Hydraulic Electric Control Valve

Series reference
SLD600X

Text overview
Nominal pressure 1.0 / 1.6 / 2.5 MPa; water; listed temperature ≤80 °C
Water system control. Specify operating conditions, pilot arrangement and control supply.
Lianggong Valve Series

H742X Hydraulic Sludge Discharge Valve

Series reference
H742X-10

Text overview
Valve body nominal pressure 1.0 MPa; hydraulic operating medium pressure is a separate requirement
Water system control. Specify operating conditions, pilot arrangement and control supply.
Lianggong Valve Series

J744X Pneumatic Sludge Discharge Valve

Series reference
J744X-10

Text overview
Valve body nominal pressure 1.0 MPa; pneumatic operating conditions selected separately
Water system control. Specify operating conditions, pilot arrangement and control supply.
Lianggong Valve Series

745X Multifunction Water Pump Control Valve

Series reference
745X

Text overview
Nominal pressure 1.0 / 1.6 / 2.5 MPa; water or oil; listed temperature ≤80 °C; slow closing 3 to 120 s
Water system control. Specify operating conditions, pilot arrangement and control supply.
Lianggong Valve Series

742X Safety Pressure Relief Valve

Series reference
742X

Text overview
Nominal pressure 1.0 / 1.6 / 2.5 MPa; water or oil; listed temperature ≤80 °C
Water system control. Specify operating conditions, pilot arrangement and control supply.
Lianggong Valve Series

HONVAX

Hydraulic control valves

Contents

145X Electric Remote Control Valve

Series reference
145X

Text overview
Nominal pressure 1.0 / 1.6 / 2.5 MPa; listed temperature ≤80 °C

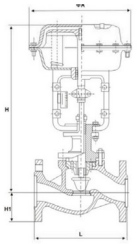
Water system control. Specify operating conditions, pilot arrangement and control supply.

Lianggong Valve Series

HONVAX

Control valves

Contents



Original manufacturer drawing

ZJHP Pneumatic Compact Single-seat Regulating Valve

ZJHP

Source DN20 to DN300; nominal pressure groups 0.6 / 1.6 / 4.0 / 6.4 MPa; single seat construction

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

ZJHM Pneumatic Compact Sleeve Regulating Valve

Series reference
Text overview

ZJHM

Source DN25 to DN200; nominal pressure groups 0.6 / 1.6 / 4.0 / 6.4 MPa; sleeve construction

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

ZMA(B)P Pneumatic Diaphragm Single-seat Control Valve

Series reference
Text overview

ZMA(B)P

Source DN25 to DN300; nominal pressure groups 1.6 / 4.0 / 6.4 MPa

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

Pneumatic diaphragm double seat control valve

Series reference
Text overview

Double seat pneumatic diaphragm construction; DN25 to DN300

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

ZMA(B)X Pneumatic Diaphragm Three-way Regulating Valve

Series reference
Text overview

ZMA(B)X

Mixing DN25 to DN300 and diverting DN80 to DN300 are separate configurations

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

ZSPQ-40R(G) Pneumatic Piston Shut-off Valve

Series reference
Text overview

ZSPQ-40R(G)

Source DN20 to DN200; nominal pressure 4.0 MPa; piston actuation

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

Control valves

Contents

Pneumatic diaphragm low temperature single seat control valve

Series reference
Text overview

Low temperature single seat construction
Specify flow, pressure drop, temperature, control signal, supply and fail position.
Lianggong Valve Series

Self operated pressure regulating valve

Series reference
Text overview

ZZYP / ZZYN / ZZYM
Single seat double seat and sleeve structures are separate variants; source DN20 to DN300
Specify flow, pressure drop, temperature, control signal, supply and fail position.
Lianggong Valve Series

Electric single seat double seat and sleeve control valves

Series reference
Text overview

ZAZP / ZAZN
Single seat double seat and sleeve constructions; configuration selected per duty
Specify flow, pressure drop, temperature, control signal, supply and fail position.
Lianggong Valve Series

ZAZQ/ZAZX Electric Three-way Regulating Valve

Series reference
Text overview

ZAZQ / ZAZX
Mixing and diverting flow paths have separate dimensions
Specify flow, pressure drop, temperature, control signal, supply and fail position.
Lianggong Valve Series

ZDLP Electronic-actuated Single-seat Control Valve

Series reference
Text overview

ZDLP
Single seat electronic electric control; normal medium and low temperature groups are separate
Specify flow, pressure drop, temperature, control signal, supply and fail position.
Lianggong Valve Series

ZDLN Electronic-actuated Double-seat Control Valve

Series reference
Text overview

ZDLN
Normal medium and low temperature constructions; material pressure and actuator selected separately
Specify flow, pressure drop, temperature, control signal, supply and fail position.
Lianggong Valve Series

HONVAX

Control valves

Contents

ZDLQ/ZDLX Electronic-actuated Three-way Control Valve

Series reference
Text overview

ZDLQ / ZDLX

Mixing and diverting variants; nominal pressure groups 4.0 / 6.4 MPa

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

ZDJR/ZKJR Electric O-type Regulating Ball Valve

Series reference
Text overview

ZDJR / ZKJR

Source DN15 to DN400; nominal pressure groups 1.6 / 6.4 MPa; 90 degree rotary action

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

ZDJV/ZKJV Electric V-type Regulating Ball Valve

Series reference
Text overview

ZDJV / ZKJV

Source DN25 to DN400; nominal pressure groups 1.6 / 6.4 MPa

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

ZDJW Electric Regulating Butterfly Valve

Series reference
Text overview

ZDJW

Source DN50 to DN2000; nominal pressure 0.6 MPa

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

ZSSW Pneumatic Hard Seal Butterfly Valve

Series reference
Text overview

ZSSW

Source DN80 to DN1000; pneumatic actuation; pressure and material selected per duty

Specify flow, pressure drop, temperature, control signal, supply and fail position.

Lianggong Valve Series

HONVAX

Diaphragm valves

Contents

Flanged PTFE-lined Diaphragm Valve

Series reference
G41F / G45F / G641F / G941F

Text overview
Nominal pressure 0.6 to 1.6 MPa; source DN15 to DN300; weir and straight through constructions
Process isolation.
Lianggong Valve Series

British-standard PTFE-lined Diaphragm Valve

Series reference
G41F / G641F / G941F

Text overview
Nominal pressure 0.6 to 1.6 MPa; source DN20 to DN200; separate British standard construction
Process isolation.
Lianggong Valve Series

HONVAX

Plug valves

Contents

Stainless steel two way plug valve

Series reference
Text overview

X43W-10P

Nominal pressure 1.0 MPa; source media gas and oil; listed temperature below 200 °C

Two way or three way switching.

Lianggong Valve Series

Stainless steel three way plug valve

Series reference
Text overview

X44W

Nominal pressure 1.0 MPa; source material suffixes P / R / C

Two way or three way switching.

Lianggong Valve Series

Class-rated Two-way and Three-way Stainless Steel Plug Valves

Series reference
Text overview

X43F / X43F3 / X44F / X44F3

Class 150 / 300; two way and three way variants selected separately

Two way or three way switching.

Lianggong Valve Series

HONVAX

Knife gate and slide valves

Contents

Ultra-high-temperature Ash Gate Valve

Series reference
Text overview

Z973Y-10V / Z973W-10NR
Separate material and temperature configurations
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

Wafer-type Slag Discharge Gate Valve

Series reference
Text overview

PZ73H-10 / PZ73H-16C; PZ973H-10 / PZ973H-10C / PZ973H-16C
Manual and electric variants
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

Double-flow-direction Wafer Slag Discharge Gate Valve

Series reference
Text overview

LXLZ71Y(H)
Nominal pressure groups 1.0 / 1.6 / 2.5 / 4.0 MPa
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

Power-plant Ash Removal Gate Valve

Series reference
Text overview

LXLZ671Y
Nominal pressure 1.0 / 1.6 / 2.5 MPa
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

Wear-resistant Slag Discharge Valve

Series reference
Text overview

PZ941H / PZ941TC
Standard and ceramic variants; -10C model reference
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

PZ73 Wafer Knife Gate Discharge Valve

Series reference
Text overview

PZ73
Two independent dimensional constructions
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

HONVAX

Knife gate and slide valves

Contents

Lug type knife gate valve

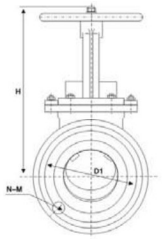
Series reference
Text overview

PZ43 lug type

Lug construction.

Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.

Lianggong Valve Series



Original manufacturer drawing

Manual knife gate valve

Z73X / Z73H

Nominal pressure groups 1.0 / 1.6 MPa; source manual construction is separate from the PZ43 lug type.

Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.

Lianggong Valve Series | Illustration applies only to Z73X / Z73H.

PZ973 Electric Knife Gate Valve

Series reference
Text overview

PZ973

Nominal pressure groups 0.6 / 1.0 / 1.6 MPa; electric actuation

Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.

Lianggong Valve Series

PZ573 Bevel-gear Knife Gate Valve

Series reference
Text overview

PZ573

Nominal pressure groups 1.0 / 1.6 MPa; source DN50 to DN600

Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.

Lianggong Valve Series

PZ673 Pneumatic Knife Gate Valve

Series reference
Text overview

PZ673

Nominal pressure groups 0.6 / 1.0 / 1.6 MPa; source DN50 to DN600

Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.

Lianggong Valve Series

PZ43 Manual Knife Gate Valve

Series reference
Text overview

PZ43

Nominal pressure groups 1.0 / 1.6 MPa; source DN50 to DN900; distinct from the other PZ43 source construction

Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.

Lianggong Valve Series

Knife gate and slide valves

Contents

PZ943 Electric Knife Gate Valve

Series reference
PZ943

Text overview
Nominal pressure groups 0.6 / 1.0 / 1.6 MPa; source DN50 to DN600; electric actuation
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

DZ543 Bevel-gear-operated Knife Gate Valve

Series reference
DZ543

Text overview
Nominal pressure groups 1.0 / 1.6 MPa; source DN50 to DN600; bevel gear drive
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

PZ643 Pneumatic Knife Gate Valve

Series reference
PZ643

Text overview
Nominal pressure groups 0.6 / 1.0 / 1.6 MPa; source DN50 to DN600; pneumatic actuation
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

LPD Unidirectional/Bidirectional Ash Discharge Gate

Series reference
LPD

Text overview
Nominal pressure 0.2 MPa; listed temperature 120 °C; dust ash and granular media; single and double opening versions
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

LC-I / LC-II Regulating Slide Gate Valve

Series reference
LC-I / LC-II

Text overview
Nominal pressure 0.05 MPa; listed temperature ≤300 °C; source DN80 to DN560; separate types I / II
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

Screw operated slide gate

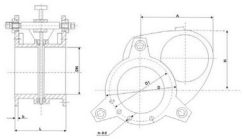
Series reference
LMD / LMS

Text overview
Separate unidirectional and bidirectional opening constructions; use rectangular opening size rather than nominal pipe diameter
Slurry, ash or solids isolation. Specify solids loading, seal and drive requirements.
Lianggong Valve Series

HONVAX

Blind plate valves

Contents



Original manufacturer drawing

F43X Manual Fan-shaped Blind Plate Valve

F43X

Source DN100 to DN1400; separate weight groups at 0.05 / 0.15 / 0.25 MPa

Positive line isolation.

Lianggong Valve Series

F43AX Manual Fan-shaped Blind Plate Valve

Series reference
Text overview

F43AX

Source DN100 to DN1400; separate weight groups at 0.05 / 0.15 / 0.25 MPa

Positive line isolation.

Lianggong Valve Series

F43BX Manual Fan-shaped Blind Plate Valve

Series reference
Text overview

F43BX

Source DN200 to DN1400; separate weight groups at 0.05 / 0.15 / 0.25 MPa

Positive line isolation.

Lianggong Valve Series

F43CX Manual Fan-shaped Blind Plate Valve

Series reference
Text overview

F43CX

Source DN200 to DN1400; construction shown on source printed page 290

Positive line isolation.

Lianggong Valve Series

F43CX Manual Fan-shaped Blind Plate Valve, Alternate Structure

Series reference
Text overview

F43CX alternate construction

Source DN300 to DN2000; source printed pages 291 and 292 are separate constructions

Positive line isolation.

Lianggong Valve Series

Automatic and electric blind plate valves

Series reference
Text overview

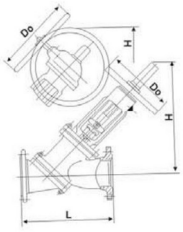
Automatic series description and electric valve construction are presented separately in the source

Positive line isolation.

Lianggong Valve Series

Slurry and discharge valves

Contents



Original manufacturer drawing

Alumina plant Y pattern slurry valve

QsJ45Y / QsJ545Y / QsJ945Y

Manual gear and electric series references; source Class 150 / 300 / 400 groups; drive specific dimensions

Alumina process isolation or discharge.

Lianggong Valve Series

Alumina plant pipe connected slurry discharge valves

Series reference
Text overview

QsFG(P)45Y / QsFG(P)545Y / QsFG(P)645Y; QsFG(P)44Y / QsFG(P)544Y

Pipe connected discharge variants for alumina process duty; construction and pressure class selected separately

Alumina process isolation or discharge.

Lianggong Valve Series

Y-type Flat-bottom Discharge Valve

Series reference
Text overview

Q(s)FP45Y / Q(s)FP545Y / Q(s)FP945Y

Class 150 / 300; manual and gear driven configurations

Alumina process isolation or discharge.

Lianggong Valve Series

Pneumatic Y-type Flat-bottom Discharge Valve

Series reference
Text overview

QsFP645Y Class 150

Class 150; pneumatic drive

Alumina process isolation or discharge.

Lianggong Valve Series

Angle-type Discharge Valve

Series reference
Text overview

QFP44Y / QFP544Y

Class 150; angle discharge construction; manual and gear drive references

Alumina process isolation or discharge.

Lianggong Valve Series

Power station water and bypass valves

Contents

Power station water outlet valve

Series reference
T967H-32 / T967H-42

Text overview
DN450; two source model references; pressure is not inferred from suffixes 32 / 42
Power station water or steam bypass duty.
Lianggong Valve Series

High-pressure Heater Inlet Water Valve

Series reference
H763Y-20

Text overview
DN175 source configuration
Power station water or steam bypass duty.
Lianggong Valve Series

High-pressure Heater Inlet Water Valve

Series reference
H763Y-20 / H763Y-25

Text overview
DN225 and DN300; separate constructions
Power station water or steam bypass duty.
Lianggong Valve Series

Low-pressure Bypass Pressure-reducing and Desuperheating Valve

Series reference
Y966Y

Text overview
Low pressure steam bypass duty
Power station water or steam bypass duty.
Lianggong Valve Series

HONVAX

Oxygen service valves

Contents

Stainless Steel Oxygen-Service Globe Valve

Series reference
Text overview

YJ41H

Nominal pressure 2.5 / 4.0 MPa

Oxygen duty requires specified materials, cleaning and supporting documentation.

Lianggong Valve Series

YJ41W Oxygen Service Globe Valve

Series reference
Text overview

YJ41W-25P/T / YJ41W-40P/T

Nominal pressure 2.5 / 4.0 MPa

Oxygen duty requires specified materials, cleaning and supporting documentation.

Lianggong Valve Series

HONVAX

Pipeline accessories

Contents



Twin sphere rubber expansion joints

JGD42-16(I)/(II)/(III)

DN50 to DN300

Flexible connection, movement accommodation or outlet backflow prevention according to product construction.

YDW-050 | Yuanda Water Series





Threaded rubber expansion joints

JGD12-10

DN20 to DN80

Flexible connection, movement accommodation or outlet backflow prevention according to product construction.

YDW-051 | Yuanda Water Series





Flanged rubber expansion joints

JGD41-10/16

DN32 to DN600 | 1; 1.6 MPa

Flexible connection, movement accommodation or outlet backflow prevention according to product construction.

YDW-052 | Yuanda Water Series



Flap gates

PM-10

DN600 to DN1000 | 0.1 MPa

Flexible connection, movement accommodation or outlet backflow prevention according to product construction.

YDW-053 | Yuanda Water Series



Dismantling joints

B2F-10C

DN65 to DN3000 | 1 MPa

Flexible connection, movement accommodation or outlet backflow prevention according to product construction.

YDW-054 | Yuanda Water Series



Dismantling joints

C2F-10C

DN65 to DN3000 | 1 MPa

Flexible connection, movement accommodation or outlet backflow prevention according to product construction.

YDW-055 | Yuanda Water Series

HONVAX

Pipeline accessories

Contents



Dismantling joints

CC2F-10C

DN65 to DN3000 | 1 MPa

Flexible connection, movement accommodation or outlet backflow prevention according to product construction.

YDW-056 | Yuanda Water Series



Stainless Steel Expansion Joint

JDZ

Representative product configuration

Bellows expansion joint construction for pipeline connections.

YDP-021 | Yuanda Petrochemical Series

HONVAX

Taps and accessories

Contents



Hot Water Bibcock

Not printed on source panel

Size per selected construction

Hot water draw-off with a hose-tail outlet.

YDC-063 | Yuanda Copper Series

HONVAX

Enquiry information

Send your valve specification through www.honvax.com. Include the valve function, medium, design and operating pressure, minimum and maximum temperatures, size, connection standard, body and trim materials, actuation, quantity and required delivery location.

Configuration and documentation

For control valves include minimum, normal and maximum flow, inlet and outlet pressures, required flow characteristic, control signal, power or air supply and fail position. For oxygen, low temperature or hygienic service specify the cleaning, testing and documentation requirements.

Specify the complete order code, pressure class, materials, connections, installation dimensions and actuation with your enquiry.

Blowdown valve enquiries

Blowdown valves for process enquiries.

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