



# KIRLOSKAR BROTHERS LTD.



## CAST IRON SLUICE VALVE(Non-Rising & Rising spindle)

**FEATURES:** Rigid &Sturdy Design, Low Pressure loss Across the Valve,Available in non-rising & rising spindle type,Suitable for clear water up to 45°C & 5000ppm turbidity, Other fluid with maximum temperature/pressure conditions within the scope of IS:14846,**APPLICATION:** Water works, Water/effluent/sewage treatment plant,Fire Fighting ,Power **RANGE:** As per IS:14846: Size 32 to 1500mm(Non-rising & Rising) ,As per BS:5163: Size 50 to600mm(Non-rising),Pressure rating:PN1.6

## BUTTERFLY VALVE



**FEATURES:** Available in Centric Wafer / Lugged Design up to 600mm, Single,double eccentric design from sizes 65 to 3600mm, Bubble tight shut off,Less wear & tear of seal & Longer life,self cleaning & non-jamming seat design, Low operating torque,rigid & sturdy design,KBL is among the largest manufacturer of butterfly valves in India with current size range up to 3600mm &capacity to manufacture up to 5000mm.KBL BFV are compact ,light weight, rigid & sturdy design **APPLICATION:** Ideal for throttling as well as isolation, Power plants, Chemical & petrochemical plants,Water works, Water/effluent/sewage treatment plant **RANGE:** Conforming to IS:13095/BSEN593(BS5155)/AWWA C504: Size 65 to 3600mm for ECCENTRIC type & Size 50 to600mm for CENTRIC type ,Pressure rating up to PN1.6/class 250



## CAST IRON REFLUX (Non Return) VALVE (Swing Type)

**FEATURES:**Swing Check type Design,Rigid &Sturdy Design with minimum head loss, Long service life & leak- tightness of high order ,Suitable for clear water having 3000ppm turbidity & temperature of 65°C (rubber to bronze/SS seating) & up to 95°C(bronze/bronze,SS/SS seating.**APPLICATION:** Used in Water works pipeline to reduce water hammer effects, Preventing back flow of liquid to the pump **RANGE:** Conforming to IS:5312 Part-1: Size 40 to 700mm,Pressure up to PN1.6



## MULTI DOOR REFLUX (Non Return) VALVE (Swing Type)

**FEATURES:** No slam & quick closing characteristics ,Seat rings are fitted with special rivets & carefully machined to close tolerance, Suitable for clear water up to 45°C & 5000ppm turbidity, Rigid &Sturdy Design with minimum head loss across the valves, Long service life & leak- tightness of high order**APPLICATION:** Used in Water works pipeline to reduce water hammer effects, Preventing back flow of liquid to the pump **RANGE:** Conforming to IS:5312 Part-2: Size 500 to 1500mm,Pressure up to PN1.6



## DUAL PLATE CHECK VALVE

**FEATURES:** Dual plate, torsion spring loaded,compact design, No slam & quick closing ,no water hammer ,wafer/double flanged end, Installation in Horizontal as well as vertical pipe lines, Superior hydro-dynamic performance, **APPLICATION:** Used in Water works pipeline to reduce water hammer effects, Preventing back flow of liquid to the pump ,Water supply & irrigation schemes, Power plants,Chemical & petrochemical plants,**RANGE:** Conforming to API 594 Size 50 to 1500mm ,Pressure rating up to PN16/class 300



## AIR VALVE

**FEATURES:**Double orifice type (small & large orifice ) , Kinetic type -50mm to 250mm size,Single Air Valve – size 25mm & 40mm, non clogging & self sealing balls for trouble free operation, Totally tamper proof Kinetic air valve series available, **APPLICATION:**Releasing air when water mains are being filled & admit air while mains are being emptied,Preventing loss of water when water mains are full,Releasing air accumulated under pressure during

normal working conditions in pipe, Ideally suited for –turbid or clear water-sewage **RANGE:** Conforming to IS:14845/AWWA Size 50 to 250mm for double orifice, Size 25 & 40mm for single air valve Pressure rating up to PN1 & PN1.6



## FOOT VALVE (Swing Type)

**FEATURES:** Rigid &Sturdy Design, Low Pressure loss Across the Valve, Perfectly flate seating surfaces, for good sealing & long service life **APPLICATION:** Used in suction side of pump to avoid flow reversal from pump to sump, Preventing entry of foreign body in to pump

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through suction pipe **RANGE:** Conforming to IS: 4038/Size 50mm to 450mm –Cast Iron/Size 500 & 600mm-fabricated,Pressure rating:PN0.2

## CAST STEEL GATE VALVE

**FEATURES:** Double flanged /butt weld end ,outside srewed rising stem , yoke type bonnet,Back seating bush arrange ment to enable re-packing under pressure,Rigid &Sturdy Design, Low Pressure loss Across the Valve,Long service life and leak tight ness.

**APPLICATION:** Neptha and neptha derivatives in oil refineries ,Water,Steam,Air,Gas & liquids having corrosive properties ,suitable for wide range of working condition of pressure & temperature ratings **RANGE:** Conforming to API 600/class150# Size 50 to 750mm ,Class 300 # Size 50 to 600mm , class600# Size 50 to 350mm

## CAST STEEL GLOBE VALVE

**FEATURES:** Double flanged /butt weld end ,outside srewed rising stem , yoke type bonnet,Back seating bush arrange ment to enable re-packing under pressure,Rigid &Sturdy Design, Low Pressure loss Across the Valve,Long service life and leak tight

ness.**APPLICATION:** Neptha and neptha derivatives in oil refineries ,Water,Steam,Air,Gas & liquids having corrosive properties ,suitable for wide range of working condition of pressure & temperature ratings **RANGE:** Conforming to BS 1873 /class150# Size2 5 to 400mm ,Class 300 # Size25 to 400mm , class600# Size 50 to 300mm

## CAST STEEL CHECK VALVE

**FEATURES:** Swing check type,Double flanged /butt weld end ,bolted cover design, Rigid &Sturdy Design, Low Pressure loss Across the Valve,Long service life **APPLICATION:** Neptha and neptha derivatives in oil refineries ,Water,Steam,Air,Gas & liquids

having corrosive properties ,suitable for wide range of working condition of pressure & temperature ratings **RANGE:** Conforming to BS1868/class150# Size 25 to 700mm ,Class 300 # Size 65 to 700mm , class600# Size100 to 450mm

## FORGED STEEL GATE VALVE

**FEATURES:** Manufactured to API602/BSEN15761(BS:5352) standards ,Outside screw & yoke type bolted bonnet construction,Rigid &Sturdy Design, Long service life with leak tightness ,Back seating surfaces provided integral to bonnet,Ends-Socket weldable /screwed,

**APPLICATION:** Refineries & petrochemical industries ,Fertilizer plant ,Thermal Power Plant & Other process industries **RANGE:** Size 8 to 50mm,Pressure Class 800#

## FORGED STEEL GLOBE VALVE

**FEATURES:** Manufactured to BSEN15761(BS:5352) standards ,Outside screw & yoke type bolted bonnet construction, Rigid &Sturdy Design, Long service life with leak tightness ,Back seating surfaces provided integral to bonnet,Ends-Socket weldable /screwed, **APPLICATION:** Refineries & petrochemical, industries ,Fertilizer plant ,Thermal Power Plant & Other process industries

**RANGE:** Size 8 to 50mm,Pressure Class 800#

## FORGED STEEL CHECK VALVE

**FEATURES:** Manufactured to BSEN15761(BS:5352) standards ,Piston lift check type incorporating self cushioning effect , Streamlined flow passages designed to minimum pressure losses & erosion, Guided piston assuring accurate return to seat ring to

achieve leak tightness , **APPLICATION:** Refineries & petrochemical industries ,Fertilizer plant ,Thermal Power Plant & Other process industries **RANGE:** Size 8 to 50mm,Pressure Class 800#

## BALL VALVE

**FEATURES:** Manufactured to IS: 9890/EN ISO 17292/(BS:5351),Single piece /Three Piece design ,full bore /reduced bore,Sizes 15mm to 300mm , Pressure Class 150# & 300#, Ends- Screwed/Socket Weld/ Flanged end

## ENERGY EFFICIENT STEAM TRAP DEVICE

**FEATURES:** Internationally patented design for minimum loss of live steam, Multi concept , High energy saving, efficient impulse cum thermodynamic steam trapping device, Ends- Screwed/ Flanged end

**APPLICATION:** For every industry using steam lines

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