

Hawa Engineers Ltd.

An ISO 9001:2008 Certified Company

Marck[®]
Industrial Valves



The world of quality
Industrial valves

PRODUCT CATALOGUE



6P-0518



04196 4000000000



ISI : 13095
CML-7382176

OUR CERTIFICATION

HAWA ENGINEERS LTD. being the leading industrial Valve Manufacturer in India with "MARCK" Brand, has fulfilled all the qualifications to manufacture a wide range of industrial valves for the most severe and demanding service of the Oil, Gas, Refinery, Chemical, Marine, Power and Pipeline Industries. Hawa products include : Gate, Globe, Check, Butterfly and Ball Valves in all sizes, class rating and materials.



All Valves are manufactured to fully comply with ASTM, ANSI, API, BS and DIN standards. Hawa facilities include our Valve Factory, our new Foundry and the Technical

Research Center. Hawa has all the required manufacturing and test equipment and is capable of manufacturing valves up to size 50" and ANSI class 2500lbs.

OUR VALUES

Motivating Work Environment, Customer Satisfaction, Teamwork, Trust, Commitment, Honesty, Integrity and Transparency, Quality and Excellence, Innovation



EXPLANATION OF LETTER & DIGIT CODES

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FOREWORD

This product catalogue has been compiled to illustrate, in a simple manner, the entire range of products manufactured and marketed by "**HAWA ENGINEERS LTD.**"

In this list you will find the products listed out systematically under their individual Titular Heads, With distinction as per the **Materials of Construction, Type, Manufacturing Standards, Inspection & Test Standards** employed and **End Connection**. All you need to do find the product of your choice is to turn to their Titular Head (eg. Gate valves, Globe valves, Check Valves, Butterfly valves etc) and then look upon the particular material of construction and the standard required by you. Of-course, if in doubt our sales department will be more eager to help you out.

Also, please feel free to contact our Marketing of Export Department for the prevailing prices in india Rupees, Price in US Dollars (CIF, FOB or C & F), based on the Provability Exchange Rate

VALVE ENQUIRY / ORDERING GUIDE

To assure prompt and efficient processing of valve requirements, all enquiry/ orders should contain the following information :

VALVE CODE NUMBER (ITEM NUMBER), SIZE, MATERIAL, QUANTITY

IMPORTANT : if valve is not operate below -20 Deg F or above 500 Deg F (150 lbs.), or 800 Deg F (300 lbs and 600 lbs), operating temperature should be specified by the customer, since a variation in trim component materials may be required.

Any deviations in valve packing, gaskets, flange facings etc., as described in our product catalogue should be specified in detail.

VALVE SPECIFICATION CODE

GENERAL

THE SPECIFICATION CODE NUMBER FOR VALVE ON A PIPELINE WILL BE IN GENERAL CONSIST OF TWO PARTS AND IN SPECIAL CASES THREE PARTS AS EXPLAINED IN THE FOLLOWING EXAMPLES :

Example 1 :

Motor Operated Gate Valve Butt weldable end Class 300 Cast Steel with Stellite seat Wedge Gate No special features

Example 2 :

Gate valve Butt weldable end Class 300 Cast Steel with Stellite seat Wedge Gate No Special features

	FIRST PART	SECOND PART			THIRD	PART
SPECIAL ATTACHMENT CODE (TWO LETTER CODE) BLANK IN GENERAL CASES & USED ONLY IN SPECIAL CASES	MO	G	F	40	35	W1
TYPE OF VALVE CODE (ONE LETTER CODE)						
END CONNECTION TYPE & RATING (ONE LETTER CODE)						
BODY MATERIAL OF CONSTRUCTION CODE (TWO DIGITS CODE)						
TRIM/INTERNAL PART MATERIAL OF CONSTRUCTION (TWO DIGIT CODE)						
TYPE / DETAIL OF INTERNAL CONSTRUCTION CODE (ONE LETTER AND ONE DIGIT CODE)						

THEREFORE, THE COMPLETE VALVE SPECIFICATION CODE NO. SHALL BE :

EXAMPLE 1 MO GF 4035 W1

EXAMPLE 2 GF 4035 W1

EXPLANATION OF LETTER AND DIGIT CODES

1. FIRST PART (SPECIAL CASES ONLY)

MO - Motor Operated

ES - Extended spindle Operated

CD - Drop Chain Operation

2 . SECOND PART (TWO LETTER AND FOUR DIGIT CODE)

1st Letter Basic Valve Type	2nd Letter End Connection Type & Rating. Common to all Type of Valves	1st & 2nd Digits Body Material of Construction Code	3rd & 4th Digits Trim/Internal Part Material of Construction Code
A - Air	A - Flanged to ANSI Class 125* / 150	10 - Gun Metal 11 - Brass	10 - Gun Metal 11 - Brass
B - Ball	B - Flanged to ANSI Class 250* / 300	20 - Cast Iron	20 - Cast Iron
C - Check	C - Flanged to ANSI Class 600	21 - Ductile Iron	21 - Ductile Iron
D - Diaphragm	D - Flanged to ANSI Class 900	31 - Monel	30 - SS 13% Cr 31 - Monel
E - Equilibrium Ball	E - Flanged to ANSI Class 1500		32 - 33 - 34 - 35 - Stellite
F - Feed Check	F - Buttweld ends ANSI Class 300	40 - Carbon Steel	40 - Carbon Steel
G - Gate	G - Buttweld ends ANSI Class 600	41 - Forged Carbon Steel	41 - Carbon Steel Ni - Plated
H - Edge Type Filter	H - Buttweld ends ANSI Class 1500	42 - EN 8 43 - Plate IS 2002	
I - Pressure Relief	I - Flanged DIN ND 10	44 - CS Rubber Coated/ lined	
J - Control	J - Flanged DIN ND 16	45 - CS PTFE Coated/ lined	
K - Kneif Gate/Pulp	K - Flanged DIN ND 40	50 - Alloy 20 / ASTMA 351 Gr CN 7M	50 - Alloy 20 / ASTMA 351 Gr CN 7M
L - Butterfly	L - Flanged DIN ND 64	51 - Hastelloy "B" 52 - Hastelloy "C"	
M - Separator	M - Flanged DIN ND 100	60 - AISI 410 / CA 15 61 - AISI 304 / CF 8	61 - AISI 304/CF 8
N - Spares for Air	N - BS 10 Table "D"	62 - AISI 304L / CF 3 63 - AISI 316 / CF 8M	62 - AISI 304L/CF 3 63 - AISI 316/CF 8M
O - PRV	O - BS 10 Table "E"	64 - AISI 316L / CF 3M 65 - AISI 317 / CG 8M	64 - AISI 316L/CF 3M 65 - AISI 317 / CG 8 M
P - Plug	P - BS 10 Table "F"		
Q - Steam Traps	Q - BS 10 Table "H"		

1st Letter Basic Valve Type	2nd Letter End Connection Type & Rating. Common to all Type of Valves	1st & 2nd Digits Body Material of Construction Code	3rd & 4th Digits Trim/Internal Part Material of Construction Code
R - Globe	R - BS 10 Table "J"	66 - AISI 321 67 - AISI 317 L	66 - AISI 321 67 - AISI 317 L
S - Strainer	S - BS 10 Table "K"		
T - Piston	T - Screwed NPT/BSP	70 -	70 -
U - Tube Glass	U - ISS 1538	71 - ASTM A 217 Gr WC1/ A 182 F1	71 - ASTM A 217 Gr WC1/ A 182 F1
V - Flanges	V -	72 - ASTM A 217 Gr WC1/ WC6/ A 182 P11	72 - ASTM A 217 Gr 217 Gr WC1/WC6/ A 182 P11
W - Steam Rotary	W - Socketweld ends ANSI Class 800	73 - ASTM A 182 F 12	73 - ASTM A 182 F 12
X - Metallic Foot	X - Socketweld ends ANSI Class 1500	74 - ASTM A 217 Gr WC9/ A 182 F21/F22/F22A	74 - ASTM A 217 Gr WC9/ A 182 F21/F22/F22A
Y -	Y -	75 - ASTM A 182 F 304	
Z -	Z -	76 - ASTM A 182 F 316	
		80 - Rubber Lined Parent Metal Cast Iron	80 - Synthetic Rubber Neoprene etc.
		81 - Teflon Lined Parent Metal Cast Iron	81 - Natural Rubber
		82 - Glass Lined Parent Metal Cast Iron	82 - PTFE
			83 - Nylon
			84 - Natural Rubber Lined Parent Material Timber
			85 - Silicon Rubber Lined Parent Material Cast Iron
		90 - Aluminium	90 - Toughened Borosil Glass Tube
		91 - Polypropylene	91 - Polypropylene

- Note:
1. The double digit codes for materials of construction under the third and fourth column at above are mutually exclusive to each other and any combinations between themselves may be possible
 2. For Cast Iron Only

3. THIRD PART - LETTER AND ONE DIGIT CODE

Letter	Digit	Remarks
Type of internal/ External Construction	Details of Internal/ External Construction	To be used with (Code No. in bracket)
A - Angle Pattern	1 - No Special Feature	Globe Valves (R)/ Safety Valves (I)
A - Tight Shut Off	1 - No Special Feature	Butterfly (L)
B - BS Std. Flanges	1 - BS 10 Table "D" 2 - BS 10 Table "E" 3 - BS 10 Table "F" 4 - BS 10 Table "H" 5 - BS 10 Table "J" 6 - BS 10 Table "K"	All Valves
C - Pot/Tee Type	(1)Pot Type (2)Tee Type	Strainers (S)
D - DIN Std. Flanges	1 - DIN ND 10 / PN 10 2 - DIN ND 16/ PN 16 3 - DIN ND 40 4 - DIN ND 64 5 - DIN ND 100	All Valves
D. Design Features	1 - 1pc Design F/B 2 - 2pc Design/2pc Split Body F/B 3 - 3pc Design F/B 4 - 3 way F/B 5 - 1pc Design R/B 6 - 2pc Design / 2pc Split Body R/B 7 - 3pc Design R/B	Ball (B)
E -		
F - Flanges	1 - Slip-on 2 - Weldneck 3 - Blank	Flanges
G -		
H - Cat. Design	4 - G & K Cat. Fig H4 7 - G & K Cat. Fig H7 7K - G & K Cat. Fig H 7K Kinetic 40 - G & K Cat. Fig H 40 40k - G & K Cat. Fig H 40 K Kinetic	Air Valves (A) / Relief Valves (I)

Letter	Digit	Remarks
Type of internal/ External Construction	Details of Internal/ External Counstruction	To be used with (Code No. in Bracket)
H - Swing Type	1 - Hinged Single Door Pattern/Flab Type 2 - Tilting Disc 3 - Hinged Multi Door Pattern	Check Valves (C)
I - Vertical Lift Up	1 - Gravity Piston	Check Valves (C)
J -		
K -	1 - Vertical 2 - Horizontal	Separator (M)
L - Lift Type	1 - Gravity Piston 2 - Gravity Ball, Horizontal Valve 3 - Gravity Ball, Vertical Valve 4 - Spring Loaded	Check (C)
L - Lubricated	1 - Taper Plug, Standard Type Regular Pattern 2 - Taper Plug, Standard Type Short Pattern 3 - Taper Plug, Standard Type Venturi Pattern 4 - Taper Plug, Standard Typr, Jacketed 5 - Split Plug 6 - Three Way Plug	Plug Valves (P)
M -		
N -	1 - No Special Feature 2 - Special Mfg. Std	All Valves
O -		
P - Parallel Slide	1 - No Special Feature	Gate (G)
Q -		

Letter	Digit	Remarks
Type Of Internal/ External Construction	Details External Construction	To be used with (Code No. in bracket)
R - Operarion	1 - Cylinder Operated -2 Way 2 - Pneumatic Diaphragm Operated- 2 Way 3 - Pneumatic Diaphragm Operated -3 Way 4 - Motorised 2 Way 5 - Motorised 3 Way	Control Valve (J)
S - Straight Pattern	1 - No Special Feature 2 - Special Drilling Std. 3 - Needle Type	Globe (R) Safety (I) / Relief (I)
T -	1 - Horizontal Bucket 2 - Vertical Bucket 3 - Float Type 4 - Thermodynamic Type	Steam Traps (Q)
U -		
V -		
W - Wedge Gate	1 - No Special Feature 2 - Split Wedge / Flexible Wedge	Gate Valves (G)
X - Special Pattern (Boiler Blowdown)	1 - No specioal Feature	Globe Valves (R)
Y - "Y" Pattern	1 - No Special Feature	Globe Valve (R) / Strainer (S) Piston (T)
Z -		

PRESSURE REDUCING VALVES



ITEM NO. 1**



VALVE CODE
OB 2061 B4
OB 2061 B3

CAST IORN PILOT OPERATED R - TYPE

BODY	CAST IRON (IS 210 Gr FG 200)
TRIMS	18 Cr 8 Ni / 13 CR
MAX INLET PRESSURE	(STEAM) 13 Kg/Cm ² AT 220° C
REDUCED PRESSURE	75% OF THE INLET PRESSURE TO 0.35 Kg/Cm ²
MFG STD	MARCK/010
INSP & TEST STD	MARCK/010
ENDS	FLANGED TO BS 10 TABLE "F/" "H"
HYD - TEST PRESSURE	BODY : 370 Psig (26 Kg/Cm ²)
SIZE RANGE	25 MM TO 100 MM

ITEM NO. 2**



OB 4061 B4

CAST STEEL PILOT OPERATED R - TYPE

BODY	CAST STEEL (ASTM A 216 Gr WCB)
TRIMS	18 Cr 8 Ni / 13 CR
MAX INLET PRESSURE	(STEAM) 17.5 Kg/Cm ² AT 427°C
REDUCED PRESSURE	75% OF THE INLET PRESSURE TO 0.35 Kg/Cm ²
INSP & TEST STD	MARCK/010
MFG STD	MARCK/010
ENDS	FLANGED TO BS 10 TABLE "H"
HYD - TEST PRESSURE	BODY : 500 Psig (35 Kg/Cm ²)
SIZE RANGE	25 MM TO 100 MM

ITEM NO. 3**



OT 1061 N1
OB 1061 B4

GUN METAL DIAPHRAGM OPERATED

BODY	GUN METAL G 2 OF IS 318/ 85/5/5/5
CAP	CI (IS 210 Gr FG 200)
TRIMS	18 Cr 8 Ni / 13 CR
MAX INLET PRESSURE	17.5 Kg/Cm ²
REDUCED PRESSURE	12 TO 1.75 Kg/Cm ²
MFG STD	GENERALLY CONFORMING TO IS 9739
INSP & TEST STD	IS 9739
ENDS	SCREWED TO BSP / BSPT / NPT / FLANGED TO BS 10 TABLE "H"
HYD-TEST PRESSURE	250 Psig (17.5 Kg/Cm ²)
SIZE RANGE	15 MM TO 80 MM

ITEM NO. 4**



OT 2061 N1
OB 2061 B4

CAST IRON DIAPHRAGM OPERATED FOR AIR, GAS & OIL

FOR OIL	
BODY	CAST IRON (IS 210 Gr FG 200)
CAP	ALUMINIUM/ CI (IS 210 Gr FG 200)
TRIMS	18 Cr 8 Ni / 13 CR
MAX INLET PRESS.	13KG/CM ²
REDUCED PRESS.	11 TO 1.75 Kg/Cm ²
MFG STD	GENERALLY CONFORMING TO IS 9739
INSP & TEST STD	IS 9739
ENDS	SCREWED TO BSP / BSPT / NPT FLANGED TO BS 10 TABLE "D"
HYD-TEST PRESS.	185 Psig (13 Kg/Cm ²)
SIZE RANGE	15 MM TO 80 MM

ITEM NO. 5

 VALVE CODE
 QT 2061 T3

HORIZONTAL FLOAT TYPE

BODY	CAST IRON (IS 210 Gr FG 200)
COVER	CAST IRON (IS 210 Gr FG 200)
TRIMS	13 CR/18 CR8 Ni
MAX INLET PRESSURE	10.54 Kg/Cm ² AT 220°C
MFG STD	IS 12268
INSP & TEST STD	IS 12268
ENDS	SCREWED TO BSP
HYD-TEST PRESSURE	BODY : 300 Psig (21 KGCM2)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 6

QT 2061 T2


VERTICAL INVERTED BUCKET TYPE

BODY	CAST IRON (IS 210 Gr FG 200)
COVER	CAST IRON (IS 210 Gr FG 200)
TRIMS	13 Cr / 18 CR8 Ni
MAX INLET PRESSURE	10.54 Kg/Cm ² AT 220°C
MFG STD	IS 12268
INSP & TEST STD	IS 12268
ENDS	SCREWED TO BSP
HYD-TEST PRESSURE	BODY : 213 Psig (15 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 7

QT 2061 T1


HORIZONTAL INVERTED BUCKET TYPE

BODY	CAST IRON (IS 210 Gr FG 200)
COVER	CAST IRON (IS 210 Gr FG 200)
TRIMS	13 CR/18 CR8 Ni
MAX INLET PRESSURE	10.54 Kg/Cm ² AT 220°C
MFG STD	IS 12268
INSP & TEST STD	IS 12268
ENDS	SCREWED TO BSP
HYD-TEST PRESSURE	BODY : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

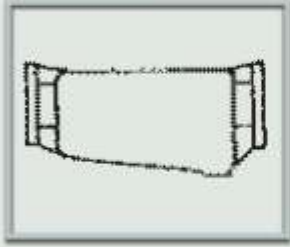
ITEM NO. 8

 QT 6161 T4
 QT 6060 T4

THERMODYNAMIC WITH INBUILT STRAINER HD - 3

BODY	ASTM A 351 Gr CF 8/ CA 15
TRIMS	13 CR/18 CR 8Ni
MAX INLET PRESSURE	32 Kg/Cm ² AT 425°C
MINIMUM PRESSURE	0.25 Kg/Cm ²
MAX. BACK PRESSURE	SHOULD NOT EXCEED 80% OF THE INLET PRESSURE
ENDS	SCREWED TO BSP
HYD - TEST PRESSURE	911 Psig (64 Kg/Cm ²)
SIZE RANGE	15 MM TO 25 MM

ITEM NO. 9
CANCELLED

ITEM NO. 10**


VALVE CODE
MA 2020 B2
MA 2020 B3
MA 2020 N1

CAST IRON - HORIZONTAL CYCLONIC DESIGN

BODY	CAST IRON (IS 210 Gr FG 200)
MAX INLET PRESSURE	10.54 Kg / CM2
MFG STD	MARCK/011
INSP & TEST STD	MARCK/011
ENDS	FLANGED TO BS 10 TABLE "E" / "F"

ITEM NO. 11**


MA 4040 B4
MA 4040 D3

FABRICATED VERTICAL CYCLONIC DESIGN

BODY	FABRICATED CARBON STEEL
TRIMS	13 CR
MAX INLET PRESSURE	17.5 Kg/Cm ²
MFG STD	MARCK/011
INSP & TEST STD	MARCK/011
ENDS	FLANGED TO BS 10 TABLE "H"/DIN 2545
HYD-TEST PRESSURE	BODY : 500 Psig (35 Kg/Cm ²)
SIZE RANGE	25 MM TO 150 MM

ITEM NO. 12


PRS 1

SS INVESTMENT CASTING (CF8) Y-TYPE STRAINER

BODY	ASTM A 351 Gr CF8
SCREEN	SS 304
MFG STD	MARCK / 024
INSP & TEST STD	MARCK / 024
ENDS	SCREWED TO BSP / BSPT / NPT
HYD. TEST PRESS.	BODY : 450 Psig (30 Kg / Cm ²)
SIZE RANGE	15 MM to 80 MM

ITEM NO. 13


PRS 2

SS INVESTMENT CASTING (CF8M) Y-TYPE STRAINER

BODY	ASTM A 351 Gr CF8M
SCREEN	SS 316
MFG STD	MARCK / 024
INSP & TEST STD	MARCK / 024
ENDS	SCREWED TO BSP / BSPT / NPT
HYD. TEST PRESS.	BODY : 450 Psig (30 Kg / Cm ²)
SIZE RANGE	15 MM to 80 MM

ITEM NO. 14

FORGE CARBON STEEL "T" - TYPE STRAINER

BODY	ASTM A 105
SCREEN	SS 316
MFG STD	MARCK / 024
INSP & TEST STD	MARCK / 024
ENDS	SCREWED / SOCKETWELD
HYD. TEST PRESS.	BODY : 3000 Psig (211 Kg / Cm ²)
SIZE RANGE	15 MM to 50 MM

ITEM NO. 15


VALVE CODE
4130 W1
4130 W1

FORGED STEEL - ASA 800 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY/BONNET	ASTM A 105
TRIMS	13 CR
MFG STD	API 602/BS 5352
INSP & TEST STD	API 598/BS 6755
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 16


GX 4130 W1
GY 4130 W1

FORGED STEEL - ASA 1500 & 2500 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 105
TRIMS	13 CR
MFG STD	API 602/BS 5352
INSP & TEST STD	API 598/BS 6755
ENDS	SCREWED TO BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) FOR 1500 SEAT : 4000 Psig (281 Kg/Cm ²) FOR 1500 BODY : 9000 Psig (633 Kg/Cm ²) FOR 2500 SEAT : 6600 Psig (464 Kg/Cm ²) FOR 2500
SIZE RANGE	15 MM TO 40 MM

ITEM NO. 17


GA 7561 W1
GA 7663 W1

FORGED STEEL - ASA 150/300 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 105
TRIMS	13 CR
MFG STD	API 602/BS 5352
INSP & TEST STD	API 598/BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#/300#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) FOR 150# SEAT : 300 Psig (21 Kg/Cm ²) FOR 150# BODY : 1100 Psig (77 Kg/Cm ²) FOR 300# SEAT : 800 Psig (56 Kg/Cm ²) FOR 300#
SIZE RANGE	15 MM TO 50 MM

GATE VALVES



ITEM NO. 18



VALVE CODE
GS 7561 W1
GW 4130 W1

FORGED STAINLESS STEEL - ASA 800 CLASS OUTSIDE SCREWED & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 182 Gr F 304 / F 316
TRIMS	18 Cr 8 Ni/ 18 Cr - 10 Ni 2 MO
MFG STD	API 602/ BS 5352
INSP & TEST STD	API 598/ BS 6755
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 18 A



FORGED ALLOY STEEL GATE VALVE ASA 800 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 182 Gr F 11
TRIMS	13 CR TO AISI 410
MFG STD	API 602/ BS 5352
INSP & TEST STD	API 598/ BS 6755
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 18 B



FORGED ALLOY STEEL GATE VALVE ASA 800 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 182 Gr F 22
TRIMS	13 CR TO AISI 410
MFG STD	API 602/ BS 5352
INSP & TEST STD	API 598/ BS 6755
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 19



GX 7561 W1
GX 7663 W1
GY 7561 W1
GY 7663 W1

FORGED STAINLESS STEEL - ASA 1500 & 2500 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 182 Gr F 304/F316
TRIMS	18 Cr 8 Ni/ 18 Cr - 10 Ni - 2 MO
MFG STD	API 602/ BS 5352
INSP & TEST STD	API 598/ BS 6755
ENDS	SCREWED TO BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) FOR 1500 SEAT : 4000 Psig (281 Kg/Cm ²) FOR 1500 BODY : 9000 Psig (633 Kg/Cm ²) FOR 2500 SEAT : 6600 Psig (464 Kg/Cm ²) FOR 2500
SIZE RANGE	15 MM TO 40 MM

ITEM NO. 19 A

VALVE CODE



**FORGED ALLOY STEEL GATE VALVE ASA 1500 & 2500
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 182 Gr F11
TRIMS	13 CR TO AISI 410
MFG STD	API 602/ BS 5352
INSP & TEST STD	API 598/ BS 6755
ENDS	SCREWED TO BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) FOR 1500 SEAT : 4000 Psig (281 Kg/Cm ²) FOR 1500 BODY : 9000 Psig (633 Kg/Cm ²) FOR 2500 SEAT : 6600 Psig (464 Kg/Cm ²) FOR 2500
SIZE RANGE	15 MM TO 40 MM

ITEM NO. 19 B



**FORGED ALLOY STEEL GATE VALVE ASA 1500 & 2500
CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 182 Gr F22
TRIMS	13 CR TO AISI 410
MFG STD	API 602/ BS 5352
INSP & TEST STD	API 598/ BS 6755
ENDS	SCREWED TO BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) FOR 1500 SEAT : 4000 Psig (281 Kg/Cm ²) FOR 1500 BODY : 9000 Psig (633 Kg/Cm ²) FOR 2500 SEAT : 6600 Psig (464 Kg/Cm ²) FOR 2500
SIZE RANGE	15 MM TO 40 MM

ITEM NO. 20

GA 7561 W1
GA 7663 W1



**FORGED STAINLESS STEEL - ASA 150 CLASS
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 182 Gr F 304
TRIMS	18 Cr 8 Ni/ 18 Cr - 10 Ni -2 MO
MFG STD	API 602/ BS 5352
INSP & TEST STD	API 598/ BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

GATE VALVES



ITEM NO. 21**

VALVE CODE
GA 4030 W1



CAST STEEL - ASA 150 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	API 600
INSP & TEST STD	API 598
ENDS	FLANGED TO ANSI B 16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	25 MM TO 600 MM

ITEM NO. 22**

GB 4030 W1



CAST STEEL - ASA 300 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr 18 Cr 8 Ni
MFG STD	API 600
INSP & TEST STD	API 598
ENDS	FLANGED TO ANSI B 16.5 RF (300#)
HYD-TEST PRESSURE	BODY : 1100 Psig (77 Kg/Cm ²) SEAT : 800 Psig (56 Kg/Cm ²)
SIZE RANGE	25 MM TO 600 MM

ITEM NO. 23**

GC 4030 W1



CAST STEEL - ASA 600 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr 18 Cr 8 Ni
MFG STD	API 600
INSP & TEST STD	API 598
ENDS	FLANGED TO ANSI B 16.5 RF (600#)
HYD-TEST PRESSURE	BODY : 2175 Psig (153 Kg/Cm ²) SEAT : 1600 Psig (112 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 24**

GD 4030 W1



CAST STEEL - ASA 900 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	API 600
INSP & TEST STD	API 598
ENDS	FLANGED TO ANSI B 16.5 RF (900#)
HYD-TEST PRESSURE	BODY : 3250 Psig (228 Kg/Cm ²) SEAT : 2400 Psig (168 Kg/Cm ²)
SIZE RANGE	50 MM TO 600 MM

ITEM NO. 25**

 VALVE CODE
 GE 4030 W1

CAST IRON KNIFE EDGE GATE VALVE

BODY	CI IS 210 Gr 200
KNIFE PLATE	AISI 304
SEAT	NITRILE / METAL TO METAL
PACKING	PTFE
INSP. AND TEST STD	MSS SP - 81
ENDS	FLANGED / LUGGED TO ANSI B 16.5 RF
HYD-TEST PRESSURE	BODY : 5 Kg/Cm ² SEAT : 2.8 Kg/Cm ²
SIZE RANGE	50 MM TO 600 MM

ITEM NO. 26**

 GA 6161 W1
 GA 6363 W1
 GA 6464 W1

CAST STEEL KNIFE EDGE TYPE GATE VALVE

BODY	ASTM A 216 Gr WCB
KNIFE PLATE	ANSI S S 304
SEAT	NITRILE / METAL TO METAL
PACKING	PTFE
INSP. AND TEST STD	MSS SP - 81
ENDS	FLANGED / LUGGED TO ANSI B 16.5 RF
HYD-TEST PRESSURE	BODY : 5 Kg/Cm ² SEAT : 2.8 Kg/Cm ²
SIZE RANGE	50 MM TO 600 MM

ITEM NO. 26 A

KNIFE EDGE GATE VALVE "WIKI" MODEL

BODY	ASTM A 351 GR CF8 / CF8M / CI / WCB
KNIFE PLATE	ASTM A 351 GR CF8 / CF8M / CI / WCB
SEAT	NITRILE / METAL TO METAL
PACKING	PTFE
INSP. AND TEST STD	MSS SP - 81
ENDS	FLANGED / LUGGED TO ANSI B16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 11 Kg/Cm ² SEAT : 2.8 Kg/Cm ²
SIZE RANGE	50 MM TO 600 MM

ITEM NO. 27**

 GB 6161 W1
 GB 6363 W1
 GB 6464 W1

**CAST STAINLESS STEEL - ASA 150 CLASS
 OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 351 Gr CF 8/CF 8M/CF3/CF3M
TRIMS	18 Cr-8 Ni / 18 Cr - 10 Ni -2 MO/CF 3M OR AISI 316L
MFG STD	API 600
INSP & TEST STD	API 598
ENDS	FLANGED TO ANSI B 16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/CM ²) SEAT : 300 Psig (21 Kg/CM ²)
SIZE RANGE	25 MM TO 600 MM

GATE VALVES



ITEM NO. 28**



VALVE CODE
GC 6161 W1
GC 6363 W1
GC 6464 W1

CAST STAINLESS STEEL - ASA 300 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET
TRIMS

ASTM A 351 Gr CF 8/CF 8M/CF3/CF3M
18 Cr 8 Ni / 18 Cr - 10 Ni -2 MO/CF
3M OR AISI 316L

MFG STD
INSP & TEST STD
ENDS
HYD-TEST PRESSURE

API 600
API 598
FLANGED TO ANSI B 16.5 RF (300#)
BODY : 1100 Psig (77 Kg/Cm²)
SEAT : 800 Psig (56 Kg/Cm²)

SIZE RANGE

25 MM TO 500 MM

ITEM NO. 29



GA 2061 W1

CAST IRON - ASA 125 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET
TRIMS
MFG STD

IS 210 Gr FG 200/ 220
13 Cr / 18 Cr 8 Ni
GENERALLY CONFORMING
TO API 600/ BS 5150

INSP & TEST STD

GENERALLY CONFORMING
TO API 598 / BS 6755

ENDS
HYD-TEST PRESSURE

FLANGED TO ANSI B 16.1 FF (125#)
BODY : 225 Psig (16 Kg/Cm²)
SEAT : 165 Psig (11.5 Kg/Cm²)

SIZE RANGE

25 MM TO 800 MM

ITEM NO. 30



GT 6161 W1 (B)
GW 6161 W1 (B)
GA 6161 B2 (B)
GA 6161 B3 (B)
GA 6161 B4 (B)
GA 6161 W1 (B)

STAINLESS STEEL BAR STOCK - 150 / 300 CLASS INSIDE SCREW TYPE, SCREWED BONNET

BODY / BONNET
TRIMS
MFG STD
INSP & TEST STD
ENDS

AISI 304
AISI 304
GENERALLY CONFORMING TO BS 5352
BS 6755

HYD-TEST PRESSURE

SCREWED TO BSP / BSPT / NPT
SOCKETWELD ENDS TO ANSI B 16.11
FLANGED TO BS 10 TABLE "F" / "H"
FLANGED TO ANSI B 16.5 RF (150# / 300#)
BODY : 425 Psig (30 Kg/Cm²) FOR 150#
SEAT : 300 Psig (21 Kg/Cm²) FOR 150#
BODY : 1100 Psig (77 Kg/Cm²) FOR 300#
SEAT : 800 Psig (56 Kg/Cm²) FOR 300#

SIZE RANGE

8 MM TO 100 MM

ITEM NO. 31



STAINLESS STEEL BAR STOCK - 150 / 300 CLASS INSIDE SCREW TYPE, SCREWED BONNET

BODY / BONNET
TRIMS
MFG STD
INSP & TEST STD
ENDS

AISI 316
AISI 316
GENERALLY CONFORMING TO BS 5352
BS 6755

HYD-TEST PRESSURE

SCREWED TO BSP / BSPT / NPT
SOCKETWELD ENDS TO ANSI B 16.11
FLANGED TO BS 10 TABLE "F" / "H"
FLANGED TO ANSI B 16.5 RF (150# / 300#)

ITEM NO. 32


VALVE CODE
RT 4130 S1
RW 4130 S1

**FORGED CARBON STEEL - ASA 800 CLASS
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 105
TRIMS	13 Cr
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSP/ BSPT/ NPT SOCKETWELD TO ANSI B 16.11 BUTTWELD END
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 33


RX 4130 S1
RY 4130 S1

**FORGED CARBON STEEL - 1500 CLASS
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 105
TRIMS	13 Cr
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) SEAT : 4000 Psig (281 Kg/Cm ²)
SIZE RANGE	15 MM TO 40 MM

ITEM NO. 34


RA 4130 S1
RB 4130 S1

**FORGED CARBON STEEL - ASA 150 / 300 CLASS
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 105
TRIMS	18 Cr
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#/300#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) FOR 150# SEAT : 300 Psig (21 Kg/Cm ²) FOR 150# BODY : 1100 Psig (77KG/CM ²) FOR 300# SEAT : 800 Psig (56KG/CM ²) FOR 300#
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 35


RS 7561 S1
RW 7561 S1
RS 7563 S1
RW 7563 S1

**FORGED S/STEEL -ASA 800 CLASS
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 182 Gr F 304 / F 316
TRIMS	18 Cr 8 Ni/ 18CR - 10NI -2MO
MFG STD	BS 5352
INSP & TEST STD	BS 5146/BS 6755
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

GLOBE VALVES



ITEM NO. 35 A

VALVE CODE



FORGED ALLOY STEEL GLOBE VALVE ASA 800 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 182 Gr F 11
TRIMS	13 Cr TO AISI 410
MFG STD	API 602/BS 5352
INSP & TEST STD	API 598/ BS 6755
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 35 B



FORGED ALLOY STEEL GLOBE VALVE ASA 800 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 182 Gr F 22
TRIMS	13 Cr TO AISI 410
MFG STD	API 602/BS 5352
INSP & TEST STD	API 598/ BS 6755
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 36

RX 7561 S1
RX 7563 S1



FORGED STAINLESS STEEL - ASA 1500 & 2500 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 182 Gr F 304 / F 316
TRIMS	18 Cr 8 Ni/ 18CR - 10NI -2MO
MFG STD	BS 5352
INSP & TEST STD	BS 5146/BS 6755
ENDS	SCREWED TO BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) FOR 1500 SEAT : 4000 Psig (281 Kg/Cm ²) FOR 1500 BODY : 9000 Psig (633 Kg/Cm ²) FOR 2500 SEAT : 6600 Psig (464 Kg/Cm ²) FOR 2500
SIZE RANGE	20 MM TO 40 MM

ITEM NO. 36 A



FORGED ALLOY STEEL GLOBE VALVE ASA 1500 & 2500# OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 182 Gr F 11
TRIMS	18 CR TO AISI 410
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) FOR 1500 SEAT : 4000 Psig (281 Kg/Cm ²) FOR 1500 BODY : 9000 Psig (633 Kg/Cm ²) FOR 2500 SEAT : 6600 Psig (464 Kg/Cm ²) FOR 2500
SIZE RANGE	15 MM TO 40 MM

ITEM NO. 36 B

VALVE CODE


**FORGED ALLOY STEEL GLOBE VALVE ASA 1500 & 2500#
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 182 Gr F 22
TRIMS	13 CR TO AISI 410
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) FOR 1500 SEAT : 4000 Psig (281 Kg/Cm ²) FOR 1500 BODY : 9000 Psig (633 Kg/Cm ²) FOR 2500 SEAT : 6600 Psig (464 Kg/Cm ²) FOR 2500
SIZE RANGE	15 MM TO 40 MM

ITEM NO. 37

 RA 7561 S1
RA 7563 S1

**FORGED S/STEEL - ASA 150 CLASS
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 182 Gr F 304
TRIMS	18 Cr 8 Ni/ 18CR - 10NI -2MO
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 38**

RK 4061 S1


**CAST STEEL - PN 40 RATING
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	GENERALLY CONFORMING TO BS 1873/DIN 3356
INSP & TEST STD	BS 6755
ENDS	FLANGED TO DIN 2545
HYD-TEST PRESSURE	BODY : 854 Psig (60 Kg/Cm ²) SEAT : 569 Psig (40 Kg/Cm ²)
SIZE RANGE	15 MM TO 350 MM

ITEM NO. 39**
CANCELLED
ITEM NO. 40**

RA 4061 S1


**CAST STEEL - ASA 150 CLASS
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	BS 1873
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	15 MM TO 600 MM

GLOBE VALVES



ITEM NO. 41**

VALVE CODE
RB 4061 S1



CAST STEEL - ASA 300 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	BS 1873
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (300#)
HYD-TEST PRESSURE	BODY : 1100 Psig (77 Kg/Cm ²) SEAT : 800 Psig (56 Kg/Cm ²)
SIZE RANGE	20 MM TO 600 MM

ITEM NO. 42**

RC 4061 S1



CAST CARBON STEEL - ASA 600 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	BS 1873
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (600#)
HYD-TEST PRESSURE	BODY : 2175 Psig (153 Kg/Cm ²) SEAT : 1600 Psig (112 Kg/Cm ²)
SIZE RANGE	25 MM TO 600 MM

ITEM NO. 43**



CAST STEEL - ASA 900 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	BS 1873
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (900#)
HYD-TEST PRESSURE	BODY : 3250 Psig (228 Kg/Cm ²) SEAT : 2400 Psig (168 Kg/Cm ²)
SIZE RANGE	25 MM TO 600 MM

ITEM NO. 44**



CAST STEEL - ASA 1500 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	BS 1873
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (1500#)
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) SEAT : 4000 Psig (281 Kg/Cm ²)
SIZE RANGE	50 MM TO 200 MM

ITEM NO. 45**


RA 6161 S1
RA 6363 S1
RA 6464 S1

**CAST S/STEEL - ASA 150 CLASS
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET
TRIMSOR

ASTM A 351 Gr CF 8 / CF 8M / CF 3M
18 Cr 8 Ni / 18 Cr - 10 Ni -2 MO/
CF 3M OR AISI 316L

MFG STD
INSP & TEST STD
ENDS
HYD-TEST PRESSURE

BS 1873
BS 6755
FLANGED TO ANSI B 16.5 RF (150#)
BODY : 425 Psig (30 Kg/Cm²)
SEAT : 300 Psig (21KG/CM²)

SIZE RANGE

15 MM TO 400 MM

ITEM NO. 46**


VALVE CODE
RS 6161 S1
RS 6363 S1
RS 6464 S1

**CAST S/STEEL - PN 40 RATING
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET
TRIMS

ASTM A 351 Gr CF 8 / CF 8M
18 Cr 8 Ni / 18 Cr - 10 Ni -2 MO/
CF3M OR AISI 316L

MFG STD
INSP & TEST STD
ENDS
HYD-TEST PRESSURE

BS 1873 / DIN 3356
BS 6755
FLANGED TO DIN 2545
BODY : 854 Psig (60 Kg/Cm²)
SEAT : 569 Psig (40 Kg/Cm²)

SIZE RANGE

15 MM TO 400 MM

ITEM NO. 47**


RC 6161 S1
RC 6363 S1
RC 6464 S1

**CAST S/STEEL - ASA 300#
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET
TRIMS

ASTM A 351 Gr CF 8 / CF 8M
18 Cr 8 Ni / 18 Cr - 10 Ni -2 MO/ CF 3M

MFG STD
INSP & TEST STD
ENDS
HYD-TEST PRESSURE

BS 1873
BS 6755
FLANGED TO ANSI B 16.5 RF (300#)
BODY : 1100 Psig (77 Kg/Cm²)
SEAT : 800 Psig (56 Kg/Cm²)

SIZE RANGE

25 MM TO 300 MM

ITEM NO. 48**


RC 6161 S1
RC 6363 S1
RC 6464 S1

**CAST S/STEEL - ASA 600 CLASS
OUTSIDE SCREW & YOKE TYPE BOLTED BONNET**

BODY / BONNET
TRIMS

ASTM A 351 Gr CF 8 / CF 8M
18 Cr 8 Ni / 18 Cr - 10 Ni -2 MO/CF 3M

MFG STD
INSP & TEST STD
ENDS
HYD-TEST PRESSURE

BS 1873
BS 6755
FLANGED TO ANSI B 16.5 RF (600#)
BODY : 2175 Psig (153 Kg/Cm²)
SEAT : 1600 Psig (112 Kg/Cm²)

SIZE RANGE

25 MM TO 300 MM

GLOBE VALVES



ITEM NO. 49**



VALVE CODE
RJ 2061 S1

CAST IRON - PN 10/ PN 16 RATING OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / BONNET	IS 210 Gr FG 200 / 220
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	GENERALLY CONFORMING TO BS 1873
INSP & TEST STD	BS 6755
ENDS	FLANGED TO DIN 2533 2532 FOR PN 10 FLANGED TO DIN 2533 FOR PN 16
HYD-TEST PRESSURE	BODY : 213 Psig (15 Kg/Cm ²) SEAT : 142 Psig (10 Kg/Cm ²)
SIZE RANGE	15 MM TO 250 MM

ITEM NO. 50



RT 6161 S1 (B)
RW 6161 S1 (B)
RA 6161 B2 (B)
RA 6161 B3 (B)
RA 6161 B4 (B)
RA 6161 W1 (B)
RB 6161 W1 (B)
RT 6363 S1 (B)
RW 6363 S1 (B)
RA 6363 B2 (B)
RA 6363 B3 (B)
RA 6363 B4 (B)
RA 6363 W1 (B)
RB 6161 W1 (B)

STAINLESS STEEL BAR STOCK - 150 INSIDE SCREW TYPE SCREWED BONNET

BODY / BONNET	AISI 304/ AISI 316
TRIMS	AISI 304/ AISI 316
MFG STD	GENERALLY CONFORMING TO BS 5352
INSP & H-SI STD	BS 6755
ENDS	SCREWED TO BSP / BSPT / NPT SOCKET WELD ENDS TO ANSI B 16.11 FLANGED TO B 510 TABLE "F" / "H" FLANGED TO ANSI B 16.5 (150 #)
HYD-TEST PRESSURE	BODY: 425 PSIG. (30 Kg/Cm ²) FOR 150# SEAT : 300 PSIG. (21 Kg/Cm ²) FOR 150#
SIZE RANGE	8 MM TO 80 MM

ITEM NO. 51

 VALVE CODE
 CS 4130 L1
 CW 4130 L1

**FORGED STEEL - ASA 800 CLASS
 PISTON LIFT TYPE BOLTED COVER**

BODY / COVER	ASTM A 105
TRIMS	13 CR
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSP / BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 52

CX 4130 L1


**FORGED STEEL - ASA 1500 & 2500 CLASS
 PISTON LIFT TYPE BOLTED COVER**

BODY / COVER	ASTM A 105
TRIMS	13 CR
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) FOR 1500 SEAT : 4000 Psig (281 Kg/Cm ²) FOR 1500 BODY : 9000 Psig (633 Kg/Cm ²) FOR 2500 SEAT : 6600 Psig (464 Kg/Cm ²) FOR 2500
SIZE RANGE	15 MM TO 40 MM

ITEM NO. 53

 CA 4130 L1
 CB 4130 L1

**FORGED STEEL - ASA 150 / 300 CLASS
 PISTON LIFT TYPE BOLTED COVER**

BODY / COVER	ASTM A 105
TRIMS	13 CR
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#/300#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) FOR 150# SEAT : 300 Psig (30 Kg/Cm ²) FOR 150# BODY : 1100 Psig (77 Kg/Cm ²) FOR 300# SEAT : 800 Psig (56 Kg/Cm ²) FOR 300#
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 54

 CS 7561 L1
 CW 7561 L1
 CS 7563 L1
 CW 7563 L1

**FORGED S/STEEL - ASA 800 CLASS
 PISTON LIFT TYPE BOLTED COVER**

BODY / COVER	ASTM A 182 Gr F 304 / F 316
TRIMS	18 Cr 8 Ni / 18 Cr - 10NI -2MO
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

NON RETURN / CHECK VALVES



ITEM NO. 54 A

VALVE CODE



FORGED ALLOY STEEL CHECK VALVE ASA 800 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / COVER	ASTM A 182 Gr F 11
TRIMS	13 CR TO AISI 410
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSP / BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 54 B



FORGED ALLOY STEEL CHECK VALVE ASA 800 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED BONNET

BODY / COVER	ASTM A 182 Gr F 22
TRIMS	13 CR TO AISI 410
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSP / BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 3000 Psig (211 Kg/Cm ²) SEAT : 2000 Psig (140 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 55

CX 7561 L1
CX 7561 L1
CX 7563 L1
CX 7563 L1



FORGED S/STEEL - ASA 1500 & 2500 CLASS PISTON LIFT TYPE BOLTED COVER

BODY / COVER	ASTM A 182 Gr F 304 / F316
TRIMS	18 Cr 8 Ni/ 18CR -10NI - 2MO
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) FOR 1500 SEAT : 4000 Psig (281 Kg/Cm ²) FOR 1500 BODY : 9000 Psig (633 Kg/Cm ²) FOR 2500 SEAT : 6600 Psig (464 Kg/Cm ²) FOR 2500
SIZE RANGE	15 MM TO 40 MM

ITEM NO. 55 A



FORGED ALLOY STEEL CHECK VALVE ASA 1500 & 2500 CLASS PISTON LIFT TYPE BOLTED COVER

BODY / COVER	ASTM A 182 Gr F 11
TRIMS	13 CR TO AISI 410
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) SEAT : 4000 Psig (281 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 55 B

VALVE CODE


FORGED ALLOY STEEL CHECK VALVE ASA 1500 & 2500 CLASS OUTSIDE SCREW & YOKE TYPE BOLTED COVER

BODY / COVER	ASTM A 182 Gr F 22
TRIMS	13 CR TO AISI 410
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	SCREWED TO BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 5400 Psig (379 Kg/Cm ²) SEAT : 4000 Psig (281 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 56

 CX 7561 L1
 CX 7661 L1

FORGED S/STEEL - ASA 150 CLASS PISTON LIFT TYPE BOLTED COVER

BODY / COVER	ASTM A 182 Gr F 304 / F 316
TRIMS	18 Cr 8 Ni/ 18CR -10NI -2MO
MFG STD	BS 5352
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 57**

CK 4061 L1


CAST STEEL - PN 40 RATING PISTON LIFT TYPE BOLTED COVER

BODY / COVER	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	BS 1868/ DIN 3356
INSP & TEST STD	BS 6755
ENDS	FLANGED TO DIN 2545
HYD-TEST PRESSURE	BODY : 854 Psig (60 Kg/Cm ²) SEAT : 569 Psig (40 Kg/Cm ²)
SIZE RANGE	15 MM TO 300 MM

ITEM NO. 58**

CA 4061 H1


CAST CARBON STEEL - ASA 150 CLASS SWING TYPE BOLTED COVER

BODY / COVER	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	BS 1868
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	25 MM TO 600 MM

NON RETURN / CHECK VALVES



ITEM NO. 59**

VALVE CODE
CB 4061 H1



CAST STEEL - ASA 300 CLASS SWING TYPE BOLTED COVER

BODY / COVER	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	BS 1868
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (300#)
HYD-TEST PRESSURE	BODY : 1100 Psig (77 Kg/Cm ²) SEAT : 800 Psig (56 Kg/Cm ²)
SIZE RANGE	25 MM TO 600 MM

ITEM NO. 60**

CC 4061 H1



CAST STEEL - ASA 600 CLASS SWING TYPE BOLTED COVER

BODY / COVER	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
MFG STD	BS 1868
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (600#)
HYD-TEST PRESSURE	BODY : 2175 Psig (153 Kg/Cm ²) SEAT : 1600 Psig (112 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 61**

CA 6161 H1
CA 6363 H1
CA 6464 H1



CAST S/STEEL - ASA 150 CLASS SWING TYPE BOLTED COVER

BODY / COVER	ASTM A 351 Gr CF 8/ CF 8M / CF 3M
TRIMS	18 Cr 8 Ni / 18 Cr - 10 Ni-2 MO/ CF 8M/ CF 3M OR AISI 316L
MFG STD	BS 1868
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	25 MM TO 600 MM

ITEM NO. 61 A**



CAST S/STEEL - ASA 300 CLASS SWING TYPE BOLTED COVER

BODY / COVER	ASTM A 351 Gr CF 8/ CF 8M / CF 3M
TRIMS	18 Cr 8 Ni / 18 Cr - 10 Ni-2 MO/ CF 8M/ CF 3M OR AISI 316L
MFG STD	BS 1868
INSP & TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 RF (150#)
HYD-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	25 MM TO 600 MM

ITEM NO. 62**



VALVE CODE
CX 7561 L1
CX 7561 L1
CX 7563 L1
CX 7563 L1

**CAST S/STEEL - PN 40 RATING
PISTON LIFT-UP TYPE BOLTED COVER**

BODY / COVER
TRIMS

ASTM A 351 Gr CF 8/CF 8M/ CF 3M
18 Cr 8 Ni / 18 Cr - 10 Ni -2 MO/
CF 3M / OR AISI 316L

MFG STD
INSP & TEST STD
ENDS
HYD-TEST PRESSURE

BS 1868
BS 6755
FLANGED TO DIN 2545
BODY : 854 Psig (60 Kg/Cm²)
SEAT : 569 Psig (40 Kg/Cm²)

SIZE RANGE

25 MM TO 250 MM

ITEM NO. 63**



CJ 2061 L1

**CAST IRON - PN 10 / PN 16 RATING
PISTON LIFT TYPE BOLTED COVER**

BODY / COVER
TRIMS
MFG STD
INSP & TEST STD
ENDS

IS 210 Gr FG 200/ 220
13 Cr / 18 Cr 8 Ni
GENERALLY CONFORMING TO BS 1868
GENERALLY CONFORMING TO BS 6755
FLANGED TO DIN 2532 FOR PN 10
FLANGED TO DIN 2533 FOR PN 16

HYD-TEST PRESSURE

BODY : 213 Psig (15 Kg/Cm²)
SEAT : 142 Psig (10 KG/CM²)

SIZE RANGE

15 MM TO 250 MM

ITEM NO. 64**



CA 2061 H1

**CAST IRON - ASA 125 CLASS
SWING TYPE BOLTED COVER**

BODY / COVER
TRIMS
MFG STD
INSP & TEST STD
ENDS
HYD-TEST PRESSURE

IS 210 Gr FG 200/ 220
13 Cr / 18 Cr 8 Ni
GENERALLY CONFORMING TO BS 1868
GENERALLY CONFORMING TO BS 6755
FLANGED TO ANSI B 16.1 FF (125#)
BODY : 225 Psig (16 Kg/Cm²)
SEAT : 165 Psig (11.5 Kg/Cm²)

SIZE RANGE

25 MM TO 600 MM

NON RETURN / CHECK VALVES



ITEM NO. 65

VALVE CODE
CH 4040 H1



CARBON STEEL WAFER CHECK VALVES

BODY EN 8
PIN 13 Cr TO AISI 410/ 18 Cr 8 Ni TO AISI 304 / 316
RINGS MOULDED NEOPRENE/ NITRILE / PTPE
MFG STD GENERALLY CONFORMING TO API 6D
TEST STD GENERALLY CONFORMING TO API 6D
ENDS WAFER TYPE
HYD-TEST PRESSURE BODY : 225 Psig (16 Kg/Cm²)
SEAT : 165 Psig (11.5 Kg/CMR)
SIZE RANGE 25 MM TO 300 MM

ITEM NO. 66

CH 6161 H1



STAINLESS STEEL 304 WAFER CHECK VALVES

BODY ASTM A 351 Gr CF 8
PIN 18 Cr 8 Ni TO AISI 304
RINGS MOULDED NEOPRENE/ NITRILE / PTFE
MFG STD GENERALLY CONFORMING TO API 6D
TEST STD GENERALLY CONFORMING TO API 6D
ENDS WAFER TYPE
HYD-TEST PRESSURE BODY : 225 Psig (16 Kg/Cm²)
SEAT : 165 Psig (11.5 Kg/Cm²)
SIZE RANGE 25 MM TO 600 MM

ITEM NO. 67

CH 6363 H1



STAINLESS STEEL 316 WAFER CHECK VALVES

BODY ASTM A 351 Gr CF 8M
PIN 18 Cr 10 Ni 2 MO TO AISI 316
RINGS MOULDED NEOPRENE/ NITRILE / PTFE
MFG STD GENERALLY CONFORMING TO API 6D
TEST STD GENERALLY CONFORMING TO API 6D
ENDS WAFER TYPE
HYD-TEST PRESSURE BODY : 225 Psig (16 Kg/Cm²)
SEAT : 165 Psig (11.5 Kg/Cm²)
SIZE RANGE 25 MM TO 600 MM

ITEM NO. 68**



STAINLESS STEEL 316L WAFER CHECK VALVES

BODY ASTM A 351 Gr CF 8M
PIN AISI 316
RINGS MOULDED NEOPRENE/ NITRILE
MFG STD GENERALLY CONFORMING TO API 6D
TEST STD GENERALLY CONFORMING TO API 6D
ENDS WAFER TYPE
HYD-TEST PRESSURE BODY : 225 Psig (16 Kg/Cm²)
SEAT : 165 Psig (11.5 Kg/Cm²)
SIZE RANGE 25 MM TO 600 MM

ITEM NO. 69**



CAST IRON WAFER CHECK VALVES

BODY
PIN
RINGS
MFG STD
TEST STD
ENDS
HYD-TEST PRESSURE

IS 210 GR FG 200/ 220
13 CR TO AISI 410/18 CR 8 Ni TO AISI 304
MOULDED NEOPRENE / NITRILE
GENERALLY CONFORMING TO API 6D
GENERALLY CONFORMING TO API 6D
WAFER TYPE

BODY : 225 Psig (16 Kg/Cm²)
SEAT : 165 Psig (11.5 Kg/Cm²)

SIZE RANGE

25 MM TO 600 MM

ITEM NO. 70**



CAST IRON RUBBER LINED WAFER CHECK VALVES

BODY
PIN
RINGS
MFG STD
TEST STD
ENDS
HYD-TEST PRESSURE

IS 210 GR FG 200/ 220
13 CR TO AISI 410/18 CR 8 Ni TO AISI 304
MOULDED NEOPRENE / NITRILE
GENERALLY CONFORMING TO API 6D
GENERALLY CONFORMING TO API 6D
WAFER TYPE

BODY : 225 Psig (16 Kg/Cm²)
SEAT : 165 Psig (11.5 Kg/Cm²)

SIZE RANGE

25 MM TO 600 MM

NON RETURN / CHECK VALVES



ITEM NO. 71**



VALVE CODE
CH 2063 H3

CAST IRON DUAL PLATE WAFER CHECK VALVES

BODY	IS 210 Gr FG 200 / 220
CLOSURE PLATE (DISC)	SG IRON / SS 304
HINGE PIN	AISI 304 / AISI 316
STOP PIN	AISI 304 / AISI 316
SPRING	STAINLESS STEEL
SEAT	EPDM
MFG STD	GENERALLY CONFORMING TO API 6D
INSP & TEST STD	GENERALLY CONFORMING TO API 6D
ENDS	WAFER TYPE TO SUITE ANSI B 16.1 (125#) WAFER TYPE TO SUITE DIN 2532 (PN 10)/ DIN 2533 (PN16)

HYD-TEST PRESSURE

BODY: 225 Psig (16 Kg/Cm²) FOR 125#
SEAT : 165 Psig (11.5 Kg/Cm²) FOR 125#
BODY: 213 Psig (15 Kg/Cm²) FOR PN 10
SEAT : 142 Psig (10 Kg/Cm²) FOR PN 10

SIZE RANGE

40 MM TO 600 MM

ITEM NO. 72**



CH 4063 H3

CAST STEEL DUAL PLATE WAFER CHECK VALVES

BODY	ASTM A 216 Gr WCB
CLOSURE PLATE (DISC)	SS 304 / SS 316
HINGE PIN	AISI 304/ AISI 316
STOP PIN	AISI 304/ AISI 316
SPRING	STAINLESS STEEL
SEAT	EPDM
MFG STD	GENERALLY CONFORMING TO API 6D
INSP & TEST STD	GENERALLY CONFORMING TO API 6D
ENDS	WAFER TYPE TO SUITE ANSIB 16.5 (150#)
HYD-TEST PRESSURE	BODY: 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)

SIZE RANGE

50 MM TO 600 MM

ITEM NO. 72 A



S/STEEL NON SLAM DISC CHECK VALVES

BODY

Investment cast Stainless Steel disc (Wafer) check valve suitable for pressure up to 40 bar (580 PSI) at saturated steam temperatures.

ITEM NO. 73



VALVE CODE
 CS 6161 L2 (B)
 CW 6161 L2 (B)
 CA 6161 B2 (B)
 CA 6161 B3 (B)
 CA 6161 B4 (B)
 CA 6161 L2 (B)
 CB 6161 L2 (B)

STAINLESS STEEL BAR STOCK - ASA 150 / 300 CLASS LIFT-UP TYPE HORIZONTAL SCREWED COVER

BODY / COVER
 TRIMS
 MFG STD
 INSP & TEST STD
 ENDS

AISI 304
 18 Cr 8 Ni TO AISI 304
 GENERALLY CONFORMING TO BS 5352
 BS 6755
 SCREWED TO BSP / BSPT / NPT
 SOCKETWELD ENDS TO ANSI B 16.11
 FLANGED TO BS 10 TABLE "F" / "H"
 FLANGED TO ANSI B 16.5 RF (150#/300#)
 BODY: 425 Psig (30 Kg/Cm²) FOR 150#
 SEAT : 300 Psig (21 Kg/Cm²) FOR 150#
 BODY: 1100 Psig (77 Kg/Cm²) FOR 300#
 SEAT : 800 Psig (56 Kg/Cm²) FOR 300#
15 MM TO 100 MM

HYD-TEST PRESSURE

SIZE RANGE

ITEM NO. 74



CS 6161 L3 (B)
 CW 6161 L3 (B)
 CA 6161 B3 (B)
 CA 6161 B4 (B)
 CA 6161 B4 (B)
 CA 6161 L1 (B)
 CB 6161 L1 (B)

STAINLESS STEEL BAR STOCK - ASA 150 / 300 CLASS LIFT-UP TYPE VERTICAL SCREWED COVER

BODY / COVER
 TRIMS
 MFG STD
 INSP & TEST STD
 ENDS

AISI 304
 18 Cr 8 Ni TO AISI 304
 GENERALLY CONFORMING TO BS 5352
 BS 6755
 SCREWED TO BSP / BSPT / NPT
 SOCKETWELD TO ANSI B 16.11
 FLANGED TO BS 10 TABLE "F" / "H"
 FLANGED TO ANSI B 16.5 RF (150# / 300#)
 BODY: 425 Psig (30 Kg/Cm²) FOR 150#
 SEAT : 300 Psig (21 Kg/Cm²) FOR 150#
 BODY: 1100 Psig (77 Kg/Cm²) FOR 300#
 SEAT : 800 Psig (56 Kg/Cm²) FOR 300#
15 MM TO 100 MM

HYD-TEST PRESSURE

SIZE RANGE

ITEM NO. 75



CS 6363 L2
 CW 6363 L2
 CA 6363 B2
 CA 6363 B3
 CA 6363 B4
 CA 6363 L2
 CB 6363 L2

STAINLESS STEEL BAR STOCK - ASA 150 / 300 CLASS LIFT-UP TYPE VERTICAL SCREWED COVER

BODY / COVER
 TRIMS
 MFG STD
 INSP & TEST STD
 ENDS

AISI 316
 18 Cr 8 Ni 2 MO TO AISI 316
 GENERALLY CONFORMING TO BS 5352
 BS 6755
 SCREWED TO BSP / BSPT / NPT
 SOCKETWELD ENDS TO ANSI B 16.11
 FLANGED TO BS 10 TABLE "F" / "H"
 FLANGED TO ANSI B 16.5 RF (150# / 300#)
 BODY: 425 Psig (30 Kg/Cm²) FOR 150#
 SEAT : 300 Psig (21 Kg/Cm²) FOR 150#
 BODY: 1100 Psig (77 Kg/Cm²) FOR 300#
 SEAT : 800 Psig (56 Kg/Cm²) FOR 300#
15 MM TO 100 MM

HYD-TEST PRESSURE

SIZE RANGE

ANGLE/ACCESSIBLE FEED CHECK VALVES



ITEM NO. 76**

VALVE CODE
CK 4061 A1

CAST STEEL ANGLE GLOBE VALVE PN 40 RATING OUT SIDE SCREW & YOKE TYPE BOLTED BONNET



BODY / COVER	ASTM A 216 Gr WCB
TRIMS	13 Cr
MFG STD	GENERALLY CONFORMING TO BS 1873
INSP & TEST STD	GENERALLY CONFORMING TO BS 6755
ENDS	Flanged to DIN 2545
HYD-TEST PRESSURE	BODY : 854 Psig (60 / Cm ²) SEAT : 569 Psig (40 Kg/Cm ²)
SIZE RANGE	15 MM to 100 MM

ITEM NO. 77**

CJ 4061 A1

CAST IRON ANGLE GLOBE VALVE PN 10 RATING OUT SIDE SCREW & YOKE TYPE BOLTED BONNET



BODY / COVER	IS 210 Gr FG 200/220
TRIMS	13 Cr
MFG STD	GENERALLY CONFORMING TO BS 1873
INSP & TEST STD	GENERALLY CONFORMING TO BS 6755
ENDS	FLANGED TO DIN 2532
HYD-TEST PRESSURE	BODY : 213 Psig (15 Kg/Cm ²) SEAT : 142 Psig (10 Kg/Cm ²)
SIZE RANGE	15 MM to 100 MM

ITEM NO. 78**

FK 4061 N1

CAST STEEL ACCESSIBLE FEED CHECK VALVES PN 40 RATING OUT SIDE SCREW & YOKE TYPE BOLTED BONNET



BODY / COVER	ASTM A 216 Gr WCB
TRIMS	13 Cr
MFG STD	MARCH/015
INSP & TEST STD	MARCH/015
ENDS	Flanged to DIN 2532 / 2533
HYD-TEST PRESSURE	BODY : 854 Psig (60 Kg / Cm ²) SEAT : 569 Psig (40 Kg / Cm ²)
SIZE RANGE	25 MM to 65 MM

ITEM NO. 79**

FJ 4061 N1

CAST IRON ACCESSIBLE FEED CHECK VALVES PN 10 RATING OUT SIDE SCREW & YOKE TYPE BOLTED BONNET



BODY / COVER	IS 210 Gr FG 200/220
TRIMS	13 Cr
MFG STD	MARCH/015 & IBR
INSP & TEST STD	MARCH/015 & IBR
ENDS	Flanged TO DIN 2545
HYD-TEST PRESSURE	BODY : 213 Psig (15 / Cm ²) SEAT : 142 Psig (10 Kg/Cm ²)
SIZE RANGE	15 MM to 65 MM

ITEM NO. 80**

VALVE CODE
IK 4061 S1



**CAST STEEL - STRAIGHT PATTERN
SPRING LOADED BOLTED BONNET**

BODY	ASTM A 216 Gr WCB
TRIMS	13 Cr STEEL / 18 Cr 8 Ni
SPRING	SPRING STEEL
MFG STD	MARCK / 013
INSP & TEST STD	MARCK / 013
MAX. SET PRESSURE	14 Kg/Cm ²
ENDS	FLANGED TO DIN 2545
HYD-TEST PRESSURE	BODY: 854 Psig (60 Kg/Cm ²)
SIZE RANGE	25 MM TO 150 MM

ITEM NO. 81**

IK 4061 A1



**CAST STEEL ANGLE PATTERN
ORDINARY LIFT TYPE BOLTED BONNET**

BODY	ASTM A 216 Gr WCB
TRIMS	13 CR/ 18 Cr 8 Ni
SPRING	SPRING STEEL / SPRING WIRE
MFG STD	GENERALLY CONFORMING TO API 526
INSP & TEST STD	ASME PTC 25-3/ API 527
MAX. SET PRESSURE	32 Kg/Cm ² (460 PSIG) AT 260°C
ENDS	FLANGED TO DIN 2545
	FLANGED TO BS 10 TABLE "H"
SIZE RANGE	25 MM TO 200 MM

ITEM NO. 82**

IQ 4061 A1



**CAST STEEL ANGLE PATTERN HIGH LIFT
TYPE BOLTED BONNET**

BODY	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
SPRING	SPRING STEEL / SPRING WIRE
MFG STD	GENERALLY CONFORMING TO API 526 & IBR
INSP & TEST STD	ASME PTC 25-3/ API 527
MAX. SET PRESSURE	(STEAM) 17.5 Kg/Cm ² (250 PSIG) AT 427°C
ENDS	INLET : FLANGED TO BS 10 TABLE "H" OUTLET : FLANGED TO BS 10 TABLE "F"
HYD-TEST PRESSURE	BODY: 500 Psig (35 Kg/Cm ²)
SIZE RANGE	25 MM TO 100 MM

ITEM NO. 82 A**

CF FULL LIFT SAFETY VALVES ON REQUEST

STRAINERS



ITEM NO. 83**

VALVE CODE
SK 4061 T1



CAST STEEL PN 40 -"Y" TYPE BOLTED COVER

BODY / COVER	ASTM A 216 Gr WCB
SCREEN	SS 304 / SS 316
MFG STD	MARCK/014
INSP & TEST STD	MARCK/014
ENDS	FLANGED TO DIN 2545
HYD-TEST PRESSURE	BODY: 854 Psig (60 Kg/Cm ²)
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 83 A**



CAST STEEL ASA 150# -"Y" TYPE BOLTED COVER

BODY / COVER	ASTM A 216 Gr WCB
SCREEN	SS 304 / SS 316
MFG STD	MARCK/014
INSP & TEST STD	MARCK/014
ENDS	FLANGED TO DIN 2545
HYD-TEST PRESSURE	BODY: 854 Psig (60 Kg/Cm ²)
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 84**

SK 6161 Y1
SK 6363 Y1
SK 6464 Y1



CAST STAINLESS STEEL PN 40 -"Y" TYPE BOLTED COVER

BODY / COVER	ASTM A 351 Gr CF 8/ CF 8M
SCREEN	SS 304 / SS 316
MFG STD	MARCK / 014
INSP & TEST STD	MARCK / 014
ENDS	FLANGED TO DIN 2545
HYD-TEST PRESSURE	BODY: 854 Psig (60 Kg/Cm ²)
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 84 A**

SK 6161 Y1
SK 6363 Y1
SK 6464 Y1



CAST STAINLESS STEEL ASA 150# -"Y" TYPE BOLTED COVER

BODY / COVER	ASTM A 351 Gr CF 8/ CF 8M
SCREEN	SS 304/ SS 316
MFG STD	MARCK / 014
INSP & TEST STD	MARCK / 014
ENDS	FLANGED TO DIN 2545
HYD-TEST PRESSURE	BODY: 854 Psig (60 Kg/Cm ²)
SIZE RANGE	15 MM TO 300 MM

ITEM NO. 85

ST 6161 Y1
SW 6161 Y1



STAINLESS STEEL ASA - 150 "Y" TYPE SCREWED COVER

BODY / COVER	ASTM A 351 Gr CF8 / CF 8M
SCREEN	SS 304 / SS 316
MFG STD	MARCK/014
INSP & TEST STD	MARCK/014
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD ENDS TO ANSI B 16.11
HYD-TEST PRESSURE	BODY: 425 Psig (30 Kg/Cm ²)
SIZE RANGE	15 MM TO 80 MM

ITEM NO. 86



VALVE CODE
ST 2011 Y1
SA 2011 B2
SA 2011 Y1

CAST IRON "Y" TYPE SCREWED / BOLTED COVER

BODY	IS 210 Gr FG 200/ 220
SCREEN	BRASS / SS 304
MFG STD	MARCK / 014
INSP & TEST STD	MARCK / 014
ENDS	SCREWED TO BSP / BSPT / NPT FLANGED TO ANSI B 16.1 FF (125 #)
HYD-TEST PRESSURE	BODY: 213 Psig (15 Kg/Cm ²)
SIZE RANGE	15 MM TO 300 MM

ITEM NO. 87**



S1 2011 C1

CAST IRON - POT TYPE BOLTED COVER

BODY / COVER	IS 210 Gr FG 200/ 220
SCREEN	BRASS / SS 304
MFG STD	HAWA/014
INSP & TEST STD	HAWA/014
ENDS	FLANGED TO BS 10 TABLE "E"
HYD-TEST PRESSURE	BODY: 213 Psig (15 Kg/Cm ²)
SIZE RANGE	40 MM TO 300 MM

ITEM NO. 88



SA 2011 C2

CAST IRON - "T" TYPE (DIRT BOX) BOLTED COVER

BODY / COVER	IS 210 Gr FG 200/ 220
SCREEN	BRASS / SS 304
MFG STD	MARCK /014
TEST STD	MARCK /014
ENDS	FLANGED TO BS 10 TABLE "E"
HYD-TEST PRESSURE	BODY: 213 Psig (15 Kg/Cm ²)
SIZE RANGE	25 MM TO 350 MM

ITEM NO. 88 A



CAST IRON DUPLEX STRAINER

BODY / COVER	IS 210 Gr FG 200/ 220
SCREEN	BRASS / SS 304
MFG STD	MARCK /014
TEST STD	MARCK /014
ENDS	FLANGED TO BS 10 TABLE "E" / ASA 150#
HYD-TEST PRESSURE	BODY: 213 Psig (15 Kg/Cm ²)
SIZE RANGE	25 MM TO 1200 MM

BUTTERFLY VALVES



ITEM NO. 89**

VALVE CODE
LH 2080 A1



CAST IRON SURESEAL DESIGN NITRILE ENCAPSULATED/ EPOXY RESIN COATED

BODY	IS 210 Gr FG 200/ 220
DISC	IS 210 Gr FG 200/ 220
SEAT	REPLACEABLE NITRILE
SHAFT	AISI 410 / AISI 304
MFG STD	BS 5155
INSP & TEST STD	BS 6755 / BS 5155
OPERATION	FLOW - CONTROL LEVER
ENDS	WAFER TYPE TO SUIT ANSI B 16.1
HYD-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 90

LH 2083 A1



CAST IRON SURESEAL DESIGN NYLON ENCAPSULATED / EPOXY RESIN COATED

BODY	IS 210 Gr FG 200/ 220
DISC	S.G. IRON
SEAT	MOULDED NITRILE
SHAFT	AISI 410 / AISI 304
MFG STD	BS 5155
INSP & TEST STD	BS 6755 / BS 5155
OPERATION	FLOW - CONTROL LEVER
ENDS	WAFER TYPE TO SUIT ANSI B 16.1
HYD-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 91

LH 2061 A1
LH 2063 A1



CAST IRON SURESEAL DESIGN NITRILE ENCAPSULATED

BODY	IS 210 Gr FG 200/220
DISC	ASTM A 351 Gr CF 8/ CF 8M
SEAT	MOULDED NITRILE
SHAFT	AISI 304 / AISI 316
MFG STD	BS 5155
TEST STD	BS 6755 / BS 5155
OPERATION	FLOW - CONTROL LEVER
ENDS	WAFER TYPE TO SUIT ANSI B 16.1
HYD - TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 92*

LH 2082 A2
LH 2082 A2



CAST IRON SURESEAL DESIGN NITRILE ENCAPSULATED

BODY	IS 210 Gr FG 200/ 220
DISC	ASTM A 351 Gr CF 8/ CF 8M
SEAT	PTFE
SHAFT	AISI 304 / AISI 316
MFG STD	BS 5155
INSP & TEST STD	BS 6755 / BS 5155
OPERATION	FLOW - CONTROL LEVER
ENDS	WAFER TYPE TO SUIT ANSI B 16.1 (125#)
HYD - TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 93**

VALVE CODE
LH 2040 A1



**CAST IRON SURESEAL DESIGN
NITRILE ENCAPSULATED / EPOXY RESIN COATED**

BODY	IS 210 Gr FG 200 / 220
DISC	S.G. IRON
SEAT	SILICON RUBBER MOLDED
SHAFT	AISI 410/ AISI 304
MFG STD	BS 5155
INSP & TEST STD	BS 6755/ BS 5155
OPERATION	FLOW - CONTROL LEVER
ENDS	WAFER TYPE TO SUIT ANSI B 16.1 (125#)
HYD - TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 94**

LH 4040 A1



**CAST STEEL SURESEAL DESIGN
NITRILE ENCAPSULATED / EPOXY RESIN COATED**

BODY	ASTM A 216 Gr WCB
DISC	ASTM A 216 Gr WCB
SEAT	MOULDED NITRILE
SHAFT	AISI 410 / AISI 304
MFG STD	BS 5155
INSP & TEST STD	BS 6755 / 5155
OPERATION	FLOW - CONTROL LEVER
ENDS	WAFER TYPE TO SUIT ANSI B 16.5 (150#)
HYD - TEST PRESSURE	BODY : 300 Psig (21 Kg/Cm ²) SEAT : 220 Psig (15.5 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 95**

LZ 4082 A1



**CAST IRON ISI MARK BUTTERFLY VALVE
WAFER TYPE / NITRILE ENCAPSULATED**

BODY	IS 210 Gr FG 200/ 220
DISC	S. G. IRON / SS 304
SEAT	MOULDED NEOPRENE / NITRILE
SHAFT	AISI 410 / AISI 304
MFG STD	BS 5155
INSP & TEST STD	BS 6755
OPERATION	FLOW - CONTROL LEVER
ENDS	WAFER TYPE TO SUIT ANSI B 16.5
HYD - TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

BUTTERFLY VALVES



ITEM NO. 96**



VALVE CODE
LA 2020 B2

CAST IRON - OFFSET DISC DESIGN

BODY	IS 210 Gr FG 200/ 220
DISC	IS 210 Gr FG 200/ 220
SEAT	NITRILE
SHAFT	AISI 410 / AISI 304
BEARING BUSH	PTFE / GUN METAL
MFG STD	BS 5155 / AWWAC 504 / API 609
INSP & TEST STD	BS 6755
OPERATION	FLOW CONTROL LEVER
ENDS	DOUBLE FLANGED END TO IS 1538
HYD-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	350 MM TO 1800 MM

ITEM NO. 97**



LH 6161 B2
LH 6363 A1

STAINLESS STEEL - VERTICAL DISC DESIGN

BODY	ASTM A 351 Gr CF 8/CF 8M
DISC	ASTM A 351 Gr CF 8/CF 8M
SEAT	PTFE
SHAFT	AISI 304/316
MFG STD	BS 5155
TEST STD	BS 6755/ BS 5155
OPERATION	FLOW CONTROL LEVER
ENDS	WAFER TYPE TO SUIT ANSI B 16.5
HYD-TEST PRESSURE	BODY : 300 Psig (21 Kg/Cm ²) SEAT : 220 Psig (15.5 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 97 A**



SPHERICAL DISC VALVE

BODY	CI / WCB / SS / IC
DISC	ASTM A 351 Gr CF 8
SEAT	PTFE
SHAFT	AISI 304/316
MFG STD	BS 5155
TEST STD	BS 5155
OPERATION	FLOW CONTROL LEVER
ENDS	WAFER TYPE TO SUIT ANSI B 16.5
HYD-TEST PRESSURE	BODY : 300 Psig (21 Kg/Cm ²) SEAT : 220 Psig (15.5 Kg/Cm ²)
SIZE RANGE	40 MM TO 600 MM

ITEM NO. 98**



VALVE CODE
BS 6161 D2 (IC)
BS 6363 D2 (IC)

SS INVESTMENT CASTING SINGLE PIECE DESIGN

BODY
BALL
STEM
SEAT & SEALS
BLOW OUT PROOF STEM
MFG STD
TESTING
PRESS. TEMP RATING
LEVER
ENDS

ASTM A 351 Gr CF 8/CF 8M
ASTM A 351 Gr CF 8/CF 8M
AISI 304 / AISI 316
PTFE
FLOATING BALL FULL BORE
BS 5351
BS 6755
CONFORM TO TABLE 3 OF BS 5351
AISI 304 WITH PVC SLEEVE
SCREWED TO BSP / BSPT / NPT / IS 554
SOCKETWELD

SIZE RANGE

8 MM TO 100 MM

ITEM NO. 99**



BS 6161 D3 (IC)
BS 6363 D3 (IC)

SS INVESTMENT CASTING THREE PIECE DESIGN

BODY
BALL
STEM
SEAT & SEALS
BLOW OUT PROOF STEM
MFG STD
TESTING
PRESS. TEMP RATING
LEVER
ENDS

ASTM A 351 Gr CF 8/CF 8M
ASTM A 351 Gr CF 8/CF 8M
AISI 304 / AISI 316
PTFE
FLOATING BALL FULL BORE
BS 5351
BS 6755
CONFORM TO TABLE 3 OF BS 5351
AISI 304 WITH PVC SLEEVE
SCREWED TO BSP / BSPT / NPT / IS 554
SOCKETWELD

SIZE RANGE

15 MM TO 100 MM

ITEM NO. 100*



BA 6161 D3 (IC)
BO 6161 D3 (IC)
BA 6363 D3 (IC)
BO 6363 D3 (IC)

SS INVESTMENT CASTING THREE PIECE DESIGN

BODY
BALL
STEM
SEAT & SEALS
BLOW OUT PROOF STEM
MFG STD
TESTING
PRESS. TEMP RATING
LEVER
ENDS

ASTM A 351 Gr CF 8/CF 8M
ASTM A 351 Gr CF 8/CF 8M
AISI 304 / AISI 316
PTFE
FLOATING BALL FULL BORE
BS 5351
BS 6755
CONFORM TO TABLE 3 OF BS 5351
AISI 304 WITH PVC SLEEVE
FLANGED TO ASA 150#
FLANGED TO BS 10 TABLE "E"

SIZE RANGE

15 MM TO 100 MM

INVESTMENT CASTING "ECO" BALL VALVES



ITEM NO. 98 A**



SS INVESTMENT CASTING "ECO" BALL VALVE SINGLE PIECE DESIGN

BODY	ASTM A 351 Gr CF 8/CF 8M
BALL	ASTM A 351 Gr CF 8/CF 8M
STEM	AISI 304 / AISI 316
SEAT & SEALS	PTFE
BLOW OUT PROOF STEM	FLOATING BALL FULL BORE
MFG STD	BS 5351
TESTING	BS 6755
PRESS. TEMP RATING	CONFORM TO TABLE 3 OF BS 5351
LEVER	AISI 304 WITH PVC SLEEVE
ENDS	SCREWED TO BSP / BSPT / NPT / IS 554 SOCKETWELD
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 99 A**



SS INVESTMENT CASTING "ECO" BALL VALVE THREE PIECE DESIGN

BODY	ASTM A 351 Gr CF 8/CF 8M
BALL	ASTM A 351 Gr CF 8/CF 8M
STEM	AISI 304 / AISI 316
SEAT & SEALS	PTFE
BLOW OUT PROOF STEM	FLOATING BALL FULL BORE
MFG STD	BS 5351
TESTING	BS 6755
PRESS. TEMP RATING	CONFORM TO TABLE 3 OF BS 5351
LEVER	AISI 304 WITH PVC SLEEVE
ENDS	SCREWED TO BSP / BSPT / NPT / IS 554 SOCKETWELD
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 100 A**



SS INVESTMENT CASTING THREE PIECE DESIGN

BODY	ASTM A 351 Gr CF 8/CF 8M
BALL	ASTM A 351 Gr CF 8/CF 8M
STEM	AISI 304 / AISI 316
SEAT & SEALS	PTFE
BLOW OUT PROOF STEM	FLOATING BALL FULL BORE
MFG STD	BS 5351
TESTING	BS 6755
PRESS. TEMP RATING	CONFORM TO TABLE 3 OF BS 5351
LEVER	AISI 304 WITH PVC SLEEVE
ENDS	FLANGED TO ASA 150# FLANGED TO BS 10 TABLE "E"
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 98 AA**



**SS INVESTMENT CASTING BALL VALVE
SINGLE PIECE DESIGN "CH"
SCREWED END**

ITEM NO. 99 AA**



**SS INVESTMENT CASTING BALL VALVE
THREE PIECE DESIGN "CH"
SCREWED END**

ITEM NO. 100 A**



**SS INVESTMENT CASTING BALL VALVE
THREE PIECE DESIGN "CH"
FLANGED END ASA 150#
DULLY DRILLED**

INVESTMENT CASTING BALL VALVES



ITEM NO. 101**



VALVE CODE
BP 6161 D3 (IC)
BP 6363 D3 (IC)

SS INVESTMENT CASTING THREE PIECE DESIGN

BODY	ASTM A 351 Gr CF 8/CF 8M
BALL	ASTM A 351 Gr CF 8/CF 8M
STEM	AISI 304 / AISI 316
SEAT & SEALS	PTFE
BLOW OUT PROOF STEM	FLOATING BALL FULL BORE
MFG STD	BS 5351
TESTING	BS 6755
PRESS. TEMP RATING	CONFORMANCE TO TABLE 3 OF BS 5351
LEVER	AISI 304 WITH PVC SLEEVE
ENDS	FLANGED TO BS 10 TABLE "F"
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 102 & 103 & 104



BT 4061 D2 (IC)
BW 4062 D2 (IC)
BW 4063 D2 (IC)
BW 4064 D2 (IC)

INVESTMENT CASTING 800# THREE PIECE DESIGN /REGULAR BORE

BODY	ASTM A 351 Gr CF 8/CF 8M / 216 Gr WCB
BALL	ASTM A 351 Gr CF 8/CF 8M / 216 Gr WCB
ENDS	SCREWED END / SOCKETWELD END
HYDRO TEST PRESSURE	BODY : 104 KG / CM ² SEAT : 70 KG / CM ²
AIR TEST	7 KG / CM ²
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 105


VALVE CODE
BT 2061 D2
BP 2061 D1
BP 2061 D1

**CAST IRON SINGLE PIECE DESIGN S/E & F/E 125#
BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT**

BODY	IS 210 Gr FG 200/220
BALL	AISI 304 / ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5159
TESTING	GENERALLY CONFORMING TO BS 6755/ BS 5159
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	SCREWED TO BSP / BSPT / NPT FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B 16.1 FLAT FACE (125#)
HYDR - TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 106


BT 6161 D2
BT 6161 D2

**SS 304 SINGLE PIECE DESIGN S/E & S/W 150#
BLOW - OUT PROOF STEM, FLOATING BALL FULL PORT**

BODY	AISI 304
BALL	AISI 304 / ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5351
TESTING	BS 6755
LEVER	CARBON STEEL ZINC PLATED WITH PVC SLEEVE
ENDS	SCREWED TO BSP / BSPT / NPT SOCKETWELD TO ANSI B 16.11
HYDR - TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	8 MM TO 100 MM

ITEM NO. 107


BO 6161 D1

**SS 304 SINGLE PIECE DESIGN F/E 150#
BLOW-OUT PROOF STEM FLOATING BALL FULL PORT**

BODY	AISI 304
BALL	AISI 304 / ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5351
TESTING	BS 6755
LEVER	CARBON STEEL ZINC PLATED WITH PVC SLEEVE
ENDS	FLANGED TO BS 10 TABLE "F"
HYDR-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	15 MM TO 100 MM

BALL VALVES



ITEM NO. 108



VALVE CODE
BT 6363 D2
BT 6363 D2

SS 316 SINGLE PIECE DESIGN S/E & S/W 150# BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY AISI 316
BALL AISI 316 / ASTM A 351 Gr CF 8M
STEM AISI 316
SEAT & SEALS PTFE
MFG STD GENERALLY CONFORMING TO BS 5351
TESTING BS 6755
LEVER CARBON STEEL ZINC PLATED WITH PVC SLEEVE
ENDS SCREWED TO BSP / BSPT / NPT
SOCKETWELD ENDS TO ANSI B 16.11

HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)
SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 80 MM

ITEM NO. 109



BP 6363 D1
BO 6363 D1
BA 6363 D1

SS 316 SINGLE PIECE DESIGN - F/E ASA 150# BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY AISI 316
BALL AISI 316 / ASTM 351 Gr CF 8M
STEM AISI 316
SEAT & SEALS PTFE
MFG STD BS 5351
TESTING BS 6755
LEVER CARBON STEEL ZINC PLATED WITH PVC SLEEVE
ENDS FLANGED TO BS 10 TABLE "F"
FLANGED TO ANSI B 16.5 RF (150#)

HYDR - TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)
SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 100 MM

ITEM NO. 110



BT 4261 D2
BT 4261 D6

CARBON STEEL (MS) SINGLE PIECE DESIGN S/E & S/W 150# BLOW-OUT PROOF STEM FLOATING BALL FULL PORT

BODY EN 8
BALL AISI 304/ASTM A 351 Gr CF 8
STEM AISI 304
SEAT & SEALS PTFE
MFG STD GENERALLY CONFORMING TO BS 5351
TESTING BS 6755
LEVER CARBON STEEL ZINC PLATED WITH PVC SLEEVE
ENDS SCREWED TO BSP/BSPT/NPT
SOCKETWELD TO ANSI B 16.11

HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)
SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 100 MM

ITEM NO. 111



VALVE CODE
BA 4261 D1
BP 4261 D1

**CARBON STEEL (MS) SINGLE PIECE DESIGN F/E 150#
BLOW-OUT PROOF STEM FLOATING BALL FULL PORT**

BODY	EN 8
BALL	AISI 304/ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5351
TESTING	BS 6755
LEVER	CARBON STEEL ZINC PLATED WITH PVC SLEEVE
ENDS	FLANGED TO BS TO TABLE "F" FLANGED TO ANSI B 16.5 RF (150#)
HYDR-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 112



BT 2061 D2

**CAST IRON THREE PIECE DESIGN S/E 125#
BLOW-OUT PROOF STEM FLOATING BALL FULL PORT**

BODY	IS 210 Gr FG 200/ 220
BALL	AISI 304/ ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5159
TESTING	GENERALLY CONFORMING TO BS 6755/ BS 5159
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	SCREWED TO BSP / BSPT / NPT
HYDR - TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 113



BA 2061 D3
BO 2061 D3

**CAST IRON THREE PIECE DESIGN F/E 125#
BLOW-OUT PROOF STEM FLOATING BALL FULL PORT**

BODY	IS 210 Gr FG 200/ 220
BALL	AISI 304 / ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5159
TESTING	GENERALLY CONFORMING TO BS 6755/ BS 5159
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI B 16.1 FF (125#) FLANGED TO BS 10 TABLE "E"
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	15 MM TO 300 MM

BALL VALVES



ITEM NO. 114



VALVE CODE
BT 6161 D3
BW 6161 D3

SS 304 THREE PIECE DESIGN S/E & S/W 150# BLOW-OUT PROOF STEM FLOATING BALL FULL PORT

BODY AISI 304
BALL AISI 304 / ASTM A 351 Gr CF 8
STEM AISI 304
SEAT & SEALS PTFE
MFG STD GENERALLY CONFORMING TO BS 5351
TESTING GENERALLY CONFORMING TO BS 6755
LEVER MS ZINC PLATED WITH PVC SLEEVE
ENDS SCREWED TO BSP / BSPT / NPT
SOCKETWELD TO ANSI B 16.11

HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)
SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 100 MM

ITEM NO. 115



BA 6161 D3
BP 6161 D3
BA 6161 D7
BP 6161 D7

SS 304 THREE PIECE DESIGN F/E 150# BLOW-OUT PROOF STEM, FLOATING BALL FULL/REDUCED PORT

BODY AISI 304
BALL AISI 304 / ASTM A 351 Gr CF 8
STEM AISI 304
SEAT & SEALS PTFE
MFG STD GENERALLY CONFORMING TO BS 5351
TESTING BS 6755
LEVER MS ZINC PLATED WITH PVC SLEEVE
ENDS FLANGED TO BS 10 TABLE "F"
FLANGED TO ANSI B 16.5 RF (150#)

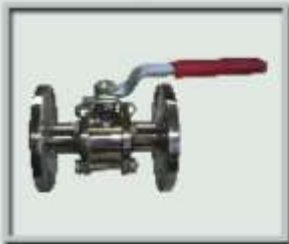
HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)
SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 300 MM

ITEM NO. 116



BA 6262 D3
BP 6262 D3
BA 6262 D3
BP 6262 D3

SS 304 L THREE PRICE DESIGN F/E 150# BLOW-OUT PROOF STEM, FLOATING BALL FULL/REDUCED PORT

BODY AISI 304 L / ASTM A 351 Gr CF 3
BALL AISI 304 L / ASTM A 351 Gr CF 3
STEM AISI 304L
SEAT & SEALS PTFE
MFG STD BS 5351
TESTING BS 6755
LEVER CARBON STEEL ZINC PLATED WITH PVC SLEEVE
ENDS FLANGED TO BS 10 TABLE "F"
FLANGED TO ANSI B 16.5 RF (150#)

HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)
SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 150 MM

ITEM NO. 117



VALVE CODE
 BA 6161 D3 (C)
 BA 6161 D7 (C)
 BP 6161 D3 (C)
 BP 6161 D7 (C)

SS 316 THREE PIECE DESIGN S/E & S/W 150# BLOW OUT PROOF STEM, FLOATING BALL FULL PORT

BODY AISI 316
 BALL AISI 316 / ASTM A 351 Gr CF8M
 STEM AISI 316
 SEAT & SEALS PTFE
 MFG STD GENERALLY CONFORMING TO BS 5351
 TESTING GENERALLY CONFORMING TO BS 6755
 LEVER MS ZINC PLATED WITH PVC SLEEVE
 ENDS SCREWED TO BSP / BSPT / NPT
 SOCKETWELD TO ANSI B 16.11

HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)

SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM to 80 MM

ITEM NO. 118



BT 6363 D3
 BW 6363 D3

SS 316 THREE PIECE DESIGN F/E 150# BLOW OUT PROOF STEM, FLOATING BALL FULL REDUCED PORT

BODY AISI 316
 BALL AISI 316 / ASTM A 351 Gr CF 8M
 STEM AISI 316
 SEAT & SEALS PTFE
 MFG STD BS 5351
 TESTING BS 6755
 LEVER MS ZINC PLATED WITH PVC SLEEVE
 ENDS FLANGED TO BS 10 TABLE "F"
 FLANGED TO ANSI B 16.5 RF (150#)

HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)

SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 150 MM

ITEM NO. 119



BA 6363 D3
 BA 6363 D7
 BP 6363 D3
 BP 6363 D7

CAST STEEL 2 PIECE DESIGN BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT / REDUCE PORT BALL VALVE 150#

BODY ASTM A 216 Gr WCB
 BALL AISI 304 / ASTM A 351 Gr CF8
 STEM AISI 304
 SEAT & SEAL PTFE
 MFG. STD BS 5351
 TEST STD BS 6755
 LEVER CARBON STEEL WITH PVC SLEEVE
 ENDS FLANGED TO ANSI 6 16.5 (150#)

HYD-TEST PRESSURE

BODY : 425 Psig

SEAT : 300 Psig

SIZE RANGE

15MM TO 350MM

BALL VALVES



ITEM NO. 120



VALVE CODE
BA 6464 D3
BA 6464 D7
BP 6464 D3
BP 6464 D7

CAST STEEL 2 PIECE DESIGN BLOW-OUT PROOF STEM FLOATING BALL FULL PORT / REDUCE PORT BALL VALVE 300#

BODY	ASTM A 216 Gr WCB
BALL	AISI 304 / ASTM A 351 Gr CF8
STEM	AISI 304
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI 6 16.5 (300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 121



BA 6363 D3 (C)
BA 6363 D7 (C)
BP 6363 D3 (C)
BP 6363 D7 (C)

CAST STEEL THREE PIECE DESIGN BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT / REDUCE PORT BALL VALVE 300#

BODY	ASTM A 216 Gr WCB
BALL	AISI 304 / ASTM A 351 Gr CF8
STEM	AISI 304
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI 6 16.5 (300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 122



BT 6363 D3
BW 6363 D3

CARBON STEEL (M/S) THREE PIECE DESIGN S/E & S/W 150# BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY	EN 8
BALL	AISI 304 / ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5351
TESTING	GENERALLY CONFORMING TO BS 6755
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11
HYDR-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)
SIZE RANGE	15 MM TO 80 MM

ITEM NO. 123


VALVE CODE
BA 4261 D3
BA 4261 D7
BP 4261 D3
BP 4261 D7

CARBON STEEL (MS) THREE PIECE DESIGN F/E 150# BLOW-OUT PROOF STEM, FLOATING BALL FULL/REDUCED PORT

BODY	EN 8
BALL	AISI 304 / ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	BS 5351
TESTING	BS 6755
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B 16.5 RF (150#)

HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)

SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 100 MM

ITEM NO. 124


BT 4061 D3
BW 4061 D3

CAST STEEL THREE PIECE DESIGN S/E & S/W 150# BLOW-OUT PROOF STEM. FLOATING BALL FULL PORT

BODY	ASTM A 216 Gr WCB
BALL	ASTM A 304 / ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5351
TESTING	GENERALLY CONFORMING TO BS 6755
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	SCREWED TO BSP/BSPT/NPT SOCKETWELD TO ANSI B 16.11

HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)

SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 100 MM

ITEM NO. 125


BA 4061 D3
BP 4061 D7

CAST STEEL THREE PIECE DESIGN F/E 150# BLOW-OUT PROOF STEM, FLOATING BALL FULL/REDUCED PORT

BODY	ASTM A 216 Gr WCB
BALL	AISI 304 / ASTM A 351 Gr CF 8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5351
TESTING	GENERALLY CONFORMING TO BS 6755
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B 16.5 RF (150#)

HYDR-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)

SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

15 MM TO 400 MM

BALL VALVES



ITEM NO. 126

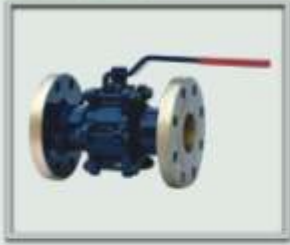


VALVE CODE
BB 6161 D2 (B)

CAST S/STEEL 2 PIECE DESIGN BLOW-OUT PROOF STEM FLOATING BALL FULL / REDUCE PORT BALL VALVE ASA 150#/300#

BODY	ASTM A 351 Gr CF8
BALL	AISI 304 / ASTM A 351 Gr CF8
STEM	AISI 304
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
LEVER	S/STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI B 16.5 (150#/300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 127



BB 6161 D3 (B)

CAST S/STEEL 3 PIECE DESIGN BLOW-OUT PROOF STEM FLOATING BALL FULL / REDUCE PORT BALL VALVE ASA 150#/300#

BODY	ASTM A 351 Gr CF8
BALL	AISI 304 / ASTM A 351 Gr CF8
STEM	AISI 304
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
LEVER	S/STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI B 16.5 (150#/300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 128

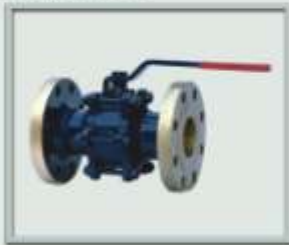


BB 6363 D2 (B)

CAST S/STEEL 2 PIECE DESIGN BLOW-OUT PROOF STEM FLOATING BALL FULL / REDUCE PORT BALL VALVE ASA 150#/300#

BODY	ASTM A 351 Gr CF8M
BALL	AISI 316 / ASTM A 351 Gr CF8M
STEM	AISI 316
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
LEVER	S/STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI B 16.5 (150#/300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 129



VALVE CODE
BB 6363 D3 (B)

**CAST S/STEEL 3 PIECE DESIGN BLOW-OUT PROOF STEM
FLOATING BALL FULL / REDUCE PORT BALL VALVE ASA 150#/300#**

BODY	ASTM A 351 Gr CF8M
BALL	AISI 316 / ASTM A 351 Gr CF8M
STEM	AISI 316
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
LEVER	S/STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI B 16.5 (150#/300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 130



BB 6262 D2 (B)

**CAST S/STEEL 2 PIECE DESIGN BLOW-OUT PROOF STEM
FLOATING BALL FULL / REDUCE PORT BALL VALVE ASA 150#/300#**

BODY	ASTM A 351 Gr CF3
BALL	AISI 304 L / ASTM A 351 Gr CF3
STEM	AISI 304L
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
LEVER	S/STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI B 16.5 (150#/300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 131



BB 6262 D3 (B)

**CAST S/STEEL 3 PIECE DESIGN BLOW-OUT PROOF STEM
FLOATING BALL FULL / REDUCE PORT BALL VALVE ASA 150#/300#**

BODY	ASTM A 351 Gr CF3
BALL	AISI 304 L / ASTM A 351 Gr CF3
STEM	AISI 304L
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
LEVER	S/STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI B 16.5 (150#/300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

BALL VALVES / POLYPROPYLENE BALL VALVES



ITEM NO. 132

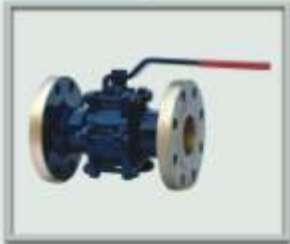


VALVE CODE
BB 6464 D2 (B)

CAST S/STEEL 2 PIECE DESIGN BLOW-OUT PROOF STEM FLOATING BALL FULL / REDUCE PORT BALL VALVE ASA 150#/300#

BODY	ASTM A 351 Gr CF3M
BALL	AISI 316 L / ASTM A 351 Gr CF3M
STEM	AISI 316L
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 (150#/300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 133



BB 6464 D3 (B)

CAST S/STEEL 3 PIECE DESIGN BLOW-OUT PROOF STEM FLOATING BALL FULL / REDUCE PORT BALL VALVE ASA 150#/300#

BODY	ASTM A 351 Gr CF3M
BALL	AISI 316 L / ASTM A 351 Gr CF3M
STEM	AISI 316L
SEAT & SEAL	PTFE
MFG. STD	BS 5351
TEST STD	BS 6755
ENDS	FLANGED TO ANSI B 16.5 (150#/300#)
HYD-TEST PRESSURE	BODY : 1100 Psig
PNEUMATIC TEST PRESSURE	SEAT : 100 Psig
SIZE RANGE	15 MM TO 600 MM

ITEM NO. 134



VALVE CODE
BT 9191 D3

POLYPROPYLENE THREE PIECE DESIGN BLOW-OUT PROOF STEM. FLOATING BALL FULL PORT

BODY	POLYPROPYLENE
BALL & STEM	POLYPROPYLENE
SEAT & SEALS	PTFE
MFG STD	MARCK/024
TESTING	MARCK/024
ENDS	SCREWED TO BSP
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	15 MM TO 50 MM

ITEM NO. 135



BA 9191 D3
BP 9191 D3
BO 9191 D3

POLYPROPYLENE THREE PIECE DESIGN BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY	POLYPROPYLENE
BALL & STEM	POLYPROPYLENE
SEAT & SEALS	PTFE
MFG STD	MARCK/024
TESTING	MARCK/024
ENDS	FLANGED TO BS 10 TABLE "E" FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B16.5 RF (150#)
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	15 MM TO 300 MM

ITEM NO. 136**

VALVE CODE



FORGED CARBON STEEL 3 PIECE DESIGN BALL VALVE BLOW OUT PROOF FLOATING BALL REDUCED PORT

BODY	ASTM A 105
BALL	AISI 304 / ASTM A 351 Gr CF8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	BS 5351 / BS 5159
INSP. & TEST STD	BS 6755
LEVER	SS 304 WITH PVC SLEEVE
ENDS	SCREWED TO BSP / BSPT / NPT SOCKETWELD ENDS TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 211 KG/CM ² SEAT : 70.38 KG/CM ² FOR 15MM TO 25MM 51 KG/CM ² FOR 32MM TO 50MM
SIZE RANGE	15MM TO 100MM

ITEM NO. 137**

CANCELLED

THREE WAY BALL VALVES



ITEM NO. 138



VALVE CODE
BT 6161 D4
BT 6363 D4

STAINLESS STEEL 304/ I C CF8M ASA 150 CLASS BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY	AISI 304 / ASTM A 351 Gr. CF8M
BALL	AISI 304 / ASTM A 351 Gr. CF8M
STEM	AISI 304 / AISI 316
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5351
TESTING	BS 6755 (PART - II)
LEVER	MS ZINC PLATED WITH PVC SLEEVE
ENDS	SCREWED TO BSP
HYDR-TEST PRESSURE	BODY : 15 Kg/Cm ² SEAT : 10 Kg/Cm ²

SIZE RANGE 15 MM TO 50 MM

ITEM NO. 139



BA 6161 D4
BP 6161 D4
BA 6161 D4
BA 6363 D4

STAINLESS STEEL 304/316 - ASA 150 CLASS BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY	AISI 304 / AISI 316
BALL	AISI 304 / AISI 316
STEM	AISI 304 / AISI 316
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5351
TESTING	BS 6755
LEVER	MS ZINC PLATED WITH PVC SLEEVE
ENDS	FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B 16.5 RF (150#)
HYDR-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psig (21 Kg/Cm ²)

SIZE RANGE 15 MM TO 80 MM

ITEM NO. 140



BT 2061 D4

CAST IRON - ASA 125 CLASS, BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY	IS 210 Gr FG 200
BALL	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5159
TESTING	BS 6755 / BS 5159
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	SCREWED TO BSP
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)

SIZE RANGE 15 MM TO 50 MM

ITEM NO. 141



BA 2061 D4

CAST IRON - ASA 125 CLASS, BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY	IS 210 Gr FG 200
BALL	AISI 304
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	GENERALLY CONFORMING TO BS 5159
INSP & TEST STD	BS 6755/ BS 5159
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	FLANGED TO ANSI B 16.1 FF (125#)
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)

SIZE RANGE 15 MM TO 100 MM

3 WAY / 4 WAY BALL VALVES / JACKET BALL VALVES

ITEM NO. 142**



VALVE CODE
BT 6161 D4
BT 6363 D4

CAST STEEL 3 WAY / 4 WAY - ASA 150 CLASS BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY	ASTM A 216 Gr WCB
BALL	AISI 304 / ASTM A 351 Gr CF8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	BS 5351
TESTING	GENERALLY CONFORMING TO BS 6755
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	FLANGED (L / T PORT) TO ANSI B 16.5 RF 150#
HYDR-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psi (21 Kg/Cm ²)
SIZE RANGE	15 MM to 100 MM

ITEM NO. 143**



BA 6161 D4
BP 6161 D4
BA 6161 D4
BA 6363 D4

CAST S/STEEL (CF8) 3-WAY / 4-WAY - ASA 150 GLASS BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY	ASTM A 351 Gr CF8
BALL	AISI 304 / ASTM A 351 Gr CF8
STEM	AISI 304
SEAT & SEALS	PTFE
MFG STD	BS 5351
TESTING	GENERALLY CONFORMING TO BS 6755
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	FLANGED (L/TPORT) TO ANSI B 16.5 RF (150#)
HYDR-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psi (21 Kg/Cm ²)
SIZE RANGE	15 MM to 100 MM

ITEM NO. 144**



BA 6161 D4
BP 6161 D4
BA 6161 D4
BA 6363 D4

CAST S/STEEL (CF8M) 3-WAY / 4-WAY - ASA 150 GLASS BLOW-OUT PROOF STEM, FLOATING BALL FULL PORT

BODY	ASTM A 351 Gr CF8M
BALL	AISI 316 / ASTM A 351 Gr CF8M
STEM	AISI 316
SEAT & SEALS	PTFE
MFG STD	BS 5351
TESTING	GENERALLY CONFORMING TO BS 6755
LEVER	CARBON STEEL WITH PVC SLEEVE
ENDS	FLANGED (L/TPORT) TO ANSI B 16.5 RF (150#)
HYDR-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) SEAT : 300 Psi (21 Kg/Cm ²)
SIZE RANGE	15 MM to 100 MM

ITEM NO. 144 A

**BALL VALVE SINGLE PIECE FLANGED END
FULL PORT, FLANGES AS PER ASA 150# OR TABLE "F"
ALL VALVES WITH M.S. JACKET**

ITEM NO. 145



VALVE CODE
JP 4061 R3
JA 4061 R3

CAST STEEL 3-WAY PNEUMATIC DIAPHRAGM OPERATED BOLTED BONNET, FOR MIXING/ DIVERTING

BODY	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
DIAPHRAGM	RE-INFORCED RUBBER
MFG STD	GENERALLY CONFORMING TO IS 10189 (PART I)
INSP & TEST STD	GENERALLY CONFORMING
	IS 10189 (PART I) / ANSI B 16.104 / FCI 70-2
PRESSURE RATING	150# / 300# / PN 16
ENDS	FLANGED TO ANSI B 16.5 RF (150# / 300#)
	FLANGED TO DIN 2543
	FLANGED TO BS TO TABLE "F"
HYDR-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) FOR 150# & TABLE "F"
	BODY : 1100 Psig (79 Kg/Cm ²) FOR 300#
	BODY : 32 Kg/Cm ² FOR PN16
SIZE RANGE	25 MM TO 100 MM

ITEM NO. 146



JP 4061 R2
JA 4061 R2
JB 4061 R2
JK 4061 R2

CAST STEEL 2 - WAY PNEUMATIC DIAPHRAGM OPERATED BOLTED BONNET, FOR OPEN/ CLOSE OPERATION

BODY	ASTM A 216 Gr WCB
TRIMS	13 Cr / 18 Cr 8 Ni
DIAPHRAGM	RE-INFORCED RUBBER
MFG STD	GENERALLY CONFORMING TO IS 10189 (PART 1)
TESTED	GENERALLY CONFORMING TO
	IS 10189 (PART I) / ANSI B 16.104 / FC 70-2
PRESSURE RATING	150# / 300# PN 16
ENDS	FLANGED TO ANSI B 16.5 RF (150#/ 300#)
	FLANGED TO DIN 2543
	FLANGED TO BS 10 TABLE "F"
HYDR-TEST PRESSURE	BODY : 425 Psig (30 Kg/Cm ²) FOR 150# / TABLE "F"
	BODY : 1100 Psig (79 Kg/Cm ²) FOR 300#
	BODY : 32 Kg/Cm ² FOR PN16
SIZE RANGE	25 MM TO 100 MM

ITEM NO. 147



JP 2061 R2
JA 2061 R2
JI 2061 R2

CAST IRON 2 - WAY PNEUMATIC DIAPHRAGM OPERATED BOLTED BONNET, FOR OPEN/CLOSE OPERATION

BODY	IS 210 Gr FG 200
TRIMS	13 Cr / 18 Cr 8 Ni
DIAPHRAGM	RE-INFORCED RUBBER
MFG STD	GENERALLY CONFORMING TO IS 10189 (PART I)
TESTING	GENERALLY CONFORMING TO
	IS 10189 (PART I) ANSI B 16.104 / FCI 70-2
PRESSURE RATING	125# / PN 10
ENDS	FLANGED TO ANSI B 16.1 FF (125#)
	FLANGED TO DIN 2532
	FLANGED TO BS 10 TABLE "F"
HYDR-TEST PRESSURE	BODY : 213 Psig (15 Kg/Cm ²)
SIZE RANGE	25 MM TO 100 MM

ITEM NO. 148



VALVE CODE

JP 4061 R5
 JA 4061 R5
 JB 4061 R5
 JK 4061 R5

CAST STEEL 3 - WAY MOTORISED BOLTED BONNET

BODY ASTM A 216 Gr WCB
TRIMS 13 Cr / 18 Cr 8 Ni
MFG STD GENERALLY CONFORMING TO IS 10189 (PART I)
TESTING GENERALLY CONFORMING TO IS 10189 (PART I) / ANSI B 16.104 / FCI 70-2
PRESSURE RATING 150# / 300# / PN 16
ENDS FLANGED TO ANSI B 16.5 RF (150# / 300#)
 FLANGED TO DIN 2543
 FLANGED TO BS 10 TABLE "F"
HYDR-TEST PRESSURE BODY : 425 Psig (30 Kg/Cm²) FOR 150# / TABLE "F"
 BODY : 1100 Psig (79 Kg/Cm²) FOR 300#
 BODY : 32 Kg/Cm² FOR PN16
SIZE RANGE **25 MM TO 100 MM**

ITEM NO. 149



JP 4061 R4
 JA 4061 R4
 JB 4061 R4
 JK 4061 R4

CAST STEEL 2 - WAY MOTORISED BOLTED BONNET

BODY ASTM A 216 Gr WCB
TRIMS 13 Cr / 18 Cr 8 Ni
MFG STD IS 10189 (PART I)
TESTING IS 10189 (PART I) ANSI B 16.104 / FCI 70-2
PRESSURE RATING 150# / 300# / PN 16
ENDS FLANGED TO ANSI B 16.5 RF (150# / 300#)
 FLANGED TO DIN 2543
 FLANGED TO BS 10 TABLE "F"
HYDR-TEST PRESSURE BODY : 425 Psig (30 Kg/Cm²) FOR 150# / TABLE "F"
 BODY : 1100 Psig (79 KG / CM²) FOR 300#
 BODY : 32 Kg/Cm² FOR PN16
SIZE RANGE **25 MM TO 100 MM**

AIR VALVES



ITEM NO. 150



VALVE CODE
AT 2084 H4
AN 2084 H4
AP 2084 H4
AU 2084 H4

CAST IRON SINGLE AIR VALVE (H-4)

BODY	IS 210 Gr FG 200
BALL	NEOPRENE COATED TIMBER
MFG STD	MARCK/016
TESTING	MARCK/016
MAX C.W.P.	100 Psig (7 Kg/Cm ²)
ENDS	SCREWED TO BSP
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²)
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 151



AN 2084 H7
AU 2084 H7
AA 2084 H7

CAST IRON DOUBLE AIR VALVE (H-7)

BODY	IS 210 Gr FG 200
BALL	NEOPRENE COATED TIMBER
MFG STD	MARCK/016
TESTING	MARCK/016
MAX C.W.P.	100 Psig (7 Kg/Cm ²)
ENDS	FLANGED TO BS 10 TABLE "D"
	FLANGED TO ANSI B 16.1 FF (125#)
	FLANGED TO IS 1538
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²)
SIZE RANGE	25 MM TO 250 MM

ITEM NO. 152



AN 2084 H40
AU 2084 H40
AA 2084 H40

CAST IRON DOUBLE AIR VALVE (H-40)

BODY	IS 210 Gr FG 200
TRIMS	AISI 410
BALL	NEOPRENE COATED TIMBER
MFG STD	HAWA/016
TESTING	HAWA/016
MAX C.W.P.	100 Psig (7 Kg/Cm ²)
ENDS	FLANGED TO BS 10 TABLE "D"
	FLANGED TO ANSI B 16.1 FF (125#)
	FLANGED TO IS 1538
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²)
	SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	25 MM TO 250 MM

ITEM NO. 153



AN 2084 H 7K
AU 2084 H 7K
AP 2084 H 7K

CAST IRON DOUBLE AIR VALVE (H-7K)

BODY	IS 210 Gr FG 200
BALL	NEOPRENE COATED TIMBER
MFG STD	MARCK/016
TESTING	MARCK/016
MAX C.W.P.	100 Psig (7 Kg/Cm ²)
ENDS	FLANGED TO BS 10 TABLE "D"
	FLANGED TO ANSI B 16.1 FF (125#)
	FLANGED TO IS 1538
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²)
SIZE RANGE	40 MM TO 200 MM

ITEM NO. 154



VALVE CODE
AN 2010 H 42K
AU 2010 H 42K
AA 2010 H 42K

CAST IRON KINETIC DOUBLE AIR VALVE (H-42K)

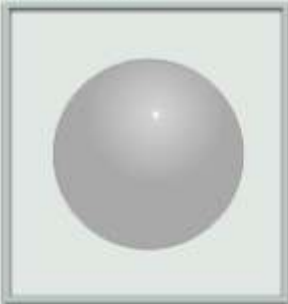
BODY
TRIMS
BALL
MFG STD
TESTING
MAX C.W.P.
ENDS

IS 210Gr FG 200
STAINLESS STEEL / GUL METAL
NEOPRENE COATED TIMBER
MARCK/016
MARCK/016
100 Psig (7 Kg/Cm²)
FLANGED TO BS 10 TABLE "D"
FLANGED TO ANSI B 16.1 FF (125#)
FLANGED TI IS 1538
BODY : 225 Psig (16 Kg/CM²)
40 MM to 200 MM

HYDR-TEST PRESSURE
SIZE RANGE

ITEM NO. 155

A 84



SPARE RUBBER BALL FOR AIR VALVES

SIZE RANGE 40 MM to 250 MM

PINCH VALVES



ITEM NO. 156



VALVE CODE
NO 9040 N1
NP 9040 N1

ALUMINIUM - CLOSE DESIGN BOLTED BONNET

BODY	ALUMINIM
TRIMS	CARBON STEEL
SLEEVE	NEOPRENE
MFG STD	MARCK/017
TESTING	MARCK/017
MAX C.W.P.	142 Psig (10 Kg/Cm ²)
ENDS	FLANGED TO BS 10 TABLE "E" FLANGED TO BS 10 TABLE "F"
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	25 MM TO 150 MM

ITEM NO. 157



NO 2040 N1
NP 2040 N1
NA 2040 N1

CAST IRON - CLOSE DESIGN BOLTED BONNET

BODY	IS 210 Gr FG 200
TRIMS	CARBON STEEL
SLEEVE	NEOPRENE
MFG STD	MARCK/017
TESTING	MARCK/017
MAX C.W.P.	142 Psig (10 Kg/Cm ²)
ENDS	FLANGED TO BS 10 TABLE "E" FLANGED TO DIN 2532 FLANGED TO ANSI B 16.1 FF (125#)
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	25 MM TO 150 MM

ITEM NO. 158



NO 2040 N2
NP 2040 N2
NA 2040 N2

CAST IRON - OPEN DESIGN BOLTED BONNET

BODY	IS 210 Gr FG 200
TRIMS	CARBON STEEL
SLEEVE	NEOPRENE
MFG STD	HAWA/017
TESTING	HAWA/017
MAX C.W.P.	142 Psig (10 Kg/Cm ²)
ENDS	FLANGED TO BS 10 TABLE "E" FLANGED TO BS 10 TABLE "F" FLANGED TO DIN 2532 FLANGED TO ANSI B 16.1 FF (125#)
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	25 MM TO 150 MM

ITEM NO. 159

N 80

SPARE NEOPRENE RUBBER SLEEVES

SIZE RANGE 25 MM TO 150 MM

ITEM NO. 161

 VALVE CODE
KH 2061 N1

CAST IRON COMPACT DESIGN PULP VALVES DOUBLE GLAND

BODY	IS 210 Gr FG 200
TRIMS	AISI 304
WEDGE	SS 304 PLATE
MFG STD	GENERALLY CONFORMING TO MSS SP 81
INSP & TEST STD	GENERALLY CONFORMING TO MSS SP 81
MAX. C.W.P.	100 Psig (7 Kg/Cm ²)
ENDS	WAFER TYPE SUITABLE FOR BS 10 TABLE "D" / ANSI B 16.1 (125#)
SIZE RANGE	40 MM TO 500 MM

ITEM NO. 161 A

S/STEEL COMPACT DESIGN PULP VALVES DOUBLE GLAND

BODY	AISI 304 / AISI 316
TRIMS	AISI 304 / AISI 316 ASTMA 216 Gr WCB / FG 200
WEDGE	SS 304 PLATE
MFG STD	GENERALLY CONFORMING TO MSS SP 81
INSP & TEST STD	GENERALLY CONFORMING TO MSS SP 81
MAX. C.W.P.	100 Psig (7 Kg/Cm ²)
ENDS	WAFER TYPE SUITABLE FOR BS 10 TABLE "D" / ANSI B 16.1 (125#)
SIZE RANGE	40 MM TO 400 MM

ITEM NO. 162

 PT 2020 L1
PP 2020 L1
PA 2020 L1

CAST IRON SELF LUBRICATING PLUG VALVES-ASA 125 CLASS

BODY	IS 210 Gr FG 200
PLUG	IS 210 Gr FG 200
MFG STD	GENERALLY CONFORMING TO MSS SP 78/BS 5158
INSP & TEST STD	MSS SP 78/BS 6755
MAX C.W.P.	150 Psig (10.54 Kg/Cm ²)
ENDS	SCREWED TO BSP FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B 16.1 FF (125#) FLANGED TO DIN 2532
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²) SEAT : 165 Psig (11.5 Kg/Cm ²)
SIZE RANGE	15 MM TO 80 MM SCREWED ENDS 15 MM TO 150 MM FLANGED ENDS

ITEM NO. 163

TJ 4061 N1


CAST STEEL / CAST IRON CAGE TYPE GLANDLESS PISTON VALVE BOLTED BONNET, RISING STEM

BODY	ASTM A 216 Gr WCB / IS 210 Gr. 20
TRIMS	13 CR
PISTON RING	CAF 40
MFG STD	MARCK/018
INSP & TEST STD	MARCK/018
MAX. C.W.P.	175 Psig (12.3 Kg/Cm ²)
ENDS	FLANGED TO DIN 2533 (PN 16)
HYDR-TEST PRESSURE	BODY : 341 Psig (24 Kg/Cm ²) SEAT : 225 Psig (16 Kg/Cm ²)
SIZE RANGE	15 MM TO 200 MM

SPRING LOADED RELIEF/ METALLIC FOOT VALVES



ITEM NO. 164

VALVE CODE
IN 2010 H20



CAST IRON OPERATED RELIEF VALVES RIGHT ANGLE TYPE

BODY	IS 210 Gr FG 200
TRIMS	GUN METAL
SPRING	SPRING STEEL
MFG STD	MARCK/013
INSP & TEST STD	MARCK/013
MAX SET PRESSURE	150 Psig AT 176.70 C
INDICATOR	GUN METAL / CARBON STEEL
ENDS	FLANGED TO BS 10 TABLE "D" / "E"
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²)
SIZE RANGE	25 MM TO 300 MM

ITEM NO. 165

IN 2010 H19



CAST IRON OPERATED RELIEF VALVES RIGHT ANGLE TYPE

BODY	IS 210 Gr FG 200
TRIMS	GUN METAL
SPRING	SPRING STEEL
MFG STD	MARCK/013
INSP & TEST STD	MARCK/013
MAX SET PRESSURE	150 Psig AT 176.70 C
INDICATOR	GUN METAL / CARBON STEEL
ENDS	FLANGED TO BS 10 TABLE "D"/"E"
HYDR-TEST PRESSURE	BODY : 225 Psig (16 Kg/Cm ²)
SIZE RANGE	25 MM TO 300 MM

ITEM NO. 166

XN 2010 N1



CAST IRON METALLIC FOOT VALVES

BODY	IS 210 Gr FG 200
TRIMS	GUN METAL
SCREEN	GREY CAST IRON / GALVANIZED STEEL
MFG STD	IS 4038
INSP & TEST STD	IS 4038
ENDS	FLANGED TO BS 10 TABLE "D"
HYDR-TEST PRESSURE	BODY : 0.6 MPA
	SEAT : 0.2 MPA
SIZE RANGE	50 MM TO 600 MM

ITEM NO. 167

 VALVE CODE
GU 2061 N1

CAST IRON SLUICE VALVES BOLTED BONNET

BODY	IS 210 Gr FG 200
TRIMS	GUN METAL
MFG STD	50 MM TO 300 MM - IS 780 PN 1.0 / 1.6 300MM - IS2906 RATING PN0.4 / 0.6/ 1.0/ 1.6
INSP & TEST STD	50 MM TO 300 MM - IS 780 RATING PN 1.0 / 1.6 300MM - IS2906 PN0.4 / 0.6 / 1.0 / 1.6
ENDS	FLANGED TO IS 1538 / ANSI B 16.1 (125#)
HYDR-TEST PRESSURE	RATING : PN 0.4 PN 0.6 PN 1.0 PN 1.6 BODY : 0.6Mpa 0.9Mpa 1.5Mpa 2.4Mpa SEAT : 0.4Mpa 0.6Mpa 1.0Mpa 1.6Mpa
SIZE RANGE	50 MM TO 1800 MM

ITEM NO. 168

CU 2061 N1


CAST IRON REFLUX VALVES BOLTED BONNET

BODY	IS 210 Gr FG 200
TRIMS	GUN METAL
MFG STD	IS 5312 PART I
INSP & TEST STD	IS 5312 PART I
ENDS	FLANGED TO IS 1538
HYDR-TEST PRESSURE	RATING PN 0.6 PN 1.0 PN 1.6 BODY 0.9 Mpa 1.5 Mpa 2.4 Mpa SEAT : 0.6 Mpa 1.0 Mpa 1.6 Mpa
SIZE RANGE	50 MM TO 1000 MM

ITEM NO. 169

DN 8080 N1


CAST IRON LINED DIAPHRAGM VALVES RUBBER LINED/UNLINED / GLASS LINED/SAUNDER A TYPE

BODY	IS 210 Gr FG 200
LINING	EBONITE RUBBER
DIAPHRAGM	NEOPRENE RUBBER
MFG STD	BS 5156
INSP & TEST STD	BS 6755
ENDS	FLANGED TO DIN 2532 FLANGED TO BS 10 TABLE "D"
HYDR-TEST PRESSURE	BODY : 213 Psig (15 Kg/Cm ²) SEAT : 142 Psig (10 Kg/Cm ²)
SIZE RANGE	20 MM TO 150 MM

ITEM NO. 169 A

S/STEEL INVESTMENT CASTING DIAPHRAGM VALVES

BODY	ASTM A 351 Gr. CF8M
BONNET	IS 210 Gr FG 200
DIAPHRAGM	NEOPRENE RUBBER / TEFLON
ENDS	B/W & T/C

ITEM NO. 169 B

VALVE CODE



CAST IRON LINED DIAPHRAGM VALVES RUBBER LINED/UNLINED / GLASS LINED/SAUNDER A TYPE

BODY	IS 210 Gr FG 200
LINING	EBONITE RUBBER
DIAPHRAGM	NEOPRENE RUBBER
MFG STD	BS 5156
INSP & TEST STD	BS 6755
ENDS	FLANGED TO DIN 2532 FLANGED TO BS 10 TABLE "D" SCREWED BSP
HYDR-TEST PRESSURE	BODY : 213 Psig (15 Kg/Cm ²) SEAT : 142 Psig (10 Kg/Cm ²)
SIZE RANGE	15 MM TO 200 MM

ITEM NO. 170

UP 4090 N1
UA 4090 N1



CARBON STEEL (MS) TUBE GLASS

FLANGES	CARBON STEEL
GLASS	TOUGHENED BOROSIL
SEATS	PTFE
MFG STD	MARCK/019
TESTED	100 PSIG
ENDS	FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B 16.5 RF (150 #)
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 171

UP 6190 N1
UA 6190 N1



SS 304 TUBE GLASS

FLANGES	SS 304
GLASS	TOUGHENED BOROSIL
SEATS	PTFE
MFG STD	MARCK/019
TESTED	100 PSIG
ENDS	FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B 16.5 RF (150#)
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 172

UP 6390 N1
UA 6390 N1



SS 316 TUBE GLASS

FLANGES	SS 316
GLASS	TOUGHENED BOROSIL
SEAT	PTFE
MFG STD	MARCK/019
TESTED	100 PSIG
ENDS	FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B 16.5 RF (150#)
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 173



VALVE CODE
WT 2040 N1

SS INVESTMENT CASTING TUBE GLASS

FLANGES	ASTM A 351 Gr CF8 / CF8M
GLASS	TOUGHENED BOROSIL
SEAT	PTFE
MFG STD	MARCK/019
TESTED	100 PSIG
ENDS	FLANGED TO BS 10 TABLE "F" FLANGED TO ANSI B 16.5 RF (150#)
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 174



WT 2040 N1

**CAST IRON STEAM ROTARY JOINTS
WITH INLET AND OUTLET CONNECTIONS**

BODY	IS 210 Gr FG 200
TRIMS	13 Cr
RINGS	GRAPHITE
ENDS	SCREWED TO BSP
SIZE RANGE	15 MM to 100 MM

IBR APPROVED FLANGES



ITEM NO. 175



VALVE CODE
VQ 43 F1
VQ 43 F3
VK 43 F1
VK 43 F3

CARBON STEEL (MS) TABLE "H" / ND-40 SLIP-ON / BLIND

MOC
MFG STD

IS 2002 - PLATE
BS 10 TABLE "H"
DIN 2545
BS 10/DIN 2401 (PART I)
15 MM TO 2000 MM

PRESS-TEMP RATING
SIZE RANGE

ITEM NO. 176 & 177



VA 43 F1
VA 43 F3

CARBON STEEL (MS) 150 CLASS / 300 CLASS SLIP-ON / BLIND

MOC
MFG STD
PRESS-TEMP RATING
SIZE RANGE

IS 2002 - PLATE
ANSI B 16.5 (150#) & ANSI B 16.5 (300#)
ANSI B 16.5 / BS 1560
15 MM TO 2000 MM

ITEM NO. 178



VS 43 F1
VS 43 F3

CARBON STEEL (MS) TABLE "K" & "J" SLIP-ON/BLIND

MOC
MFG STD
PRESS-TEMP RATING
SIZE RANGE

IS 2002 - PLATE
BS 10 TABLE "K"
BS 10
15 MM TO 2000 MM

ITEM NO. 179



VA 41 F1
VA 41 F2
VA 41 F3

FORGED STEEL ASA 150 CLASS SORF / BLIND / WNRF

MOC
MFG STD
PRESS-TEMP RATING
SIZE RANGE

ASTM A 105
ANSI B 16.5 (150#)
ANSI B 16.5 / BS 1560
15 MM to 300 MM
ABOVE 350MM ON REQUEST

ITEM NO. 180



VB 41 F1
VB 41 F2
VB 41 F3

FORGED STEEL ASA 300 CLASS SORF / BLIND / WNRF

MOC
MFG STD
PRESS-TEMP RATING
SIZE RANGE

ASTM A 105
ANSI B 16.5 (300#)
ANSI B 16.5 / BS 1560
15 MM TO 300 MM
ABOVE 300 MM ON REQUEST

ITEM NO. 181



CARBON STEEL (MS) SEAMLESS EXPANSION BENDS / LOOPS

MOC
ENDS
SIZE RANGE

FABRICATED CS - SA 106 Gr B
FLANGED TO BS 10 TABLE "H"
FLANGED TO ANSI B 16.5 (150#)
25 MM TO 150 MM

ITEM NO. 182**CARBON STEEL (MS) SEAMLESS BENDS - LONG RADIUS**

MOC
ENDS
SIZE RANGE

FABRICATED CS - SA 106 Gr B
BUTT - WELDABLE
15 MM TO 300 MM

ITEM NO. 183**MS (CARBON STEEL) ELBOWS - LONG RADIUS**

MOC
ENDS
SIZE RANGE

FABRICATED CS - SA 106 Gr B
BUTT - WELDABLE
15 MM TO 300 MM
SIZE 350MM TO ABOVE ON REQUEST

ITEM NO. 184**MS (CARBON STEEL) CONCENTRIC REDUCERS**

MOC
ENDS
SIZE RANGE

CARBON STEEL (M.S.)
BUTT-WELDABLE
20 MM X 15 MM TO 200 MM X 150 MM

FLUSH BOTTOM / FLUSH BOTTOM BALL / NEEDLE VALVES



ITEM NO. 185



VALVE CODE

TA 6161 Y1
TA 6363 Y1
TA 6464 Y1
TP 6161 Y1
TP 6363 Y1
TP 6465 Y1

SS FLUSH BOTTOM VALVES FLANGED ENDS OUTSIDE YOKE & SPINDLE TYPE

BODY ASTM A 351 Gr CF 8 / CF 8M / CF 3M
TRIMS 18 Cr 8 Ni / 18 Cr 10 Ni 2 MO / CF 3M OR AISI 316L
MFG STD MARCK/020
TESTING MARCK/020
ENDS FLANGED TO BS 10 TABLE "F"
FLANGED TO ANSI B 16.5 RF (150#)

HYD-TEST PRESSURE

BODY : 425 Psig (30 Kg/Cm²)
SEAT : 300 Psig (21 Kg/Cm²)

SIZE RANGE

25 MM TO 100 MM

ITEM NO. 186



BA 6161 D3 (IC)
BO 6161 D3 (IC)
BA 6363 D3 (IC)
BO 6363 D3 (IC)

SS FLUSH BOTTOM BALL VALVES FLANGED ENDS

BODY ASTM A 351 Gr CF 8 / CF 8M
BALL ASTM A 351 Gr CF 8 / CF 8M
STEM AISI 304 / AISI 316
SEAT & SEALS PTFE
BLOW OUT PROOF STEM
MFG STD
TESTING
PRESS. TEMP RATING
LEVER
ENDS
SIZE RANGE

FLOATING BALL FULL BORE
GENERALLY CONFORMING TO BS 5351
GENERALLY CONFORMING TO BS 6755
CONFORM TO TABLE 3 OF BS 5351
AISI 304 WITH PVC SLEEVE
FLANGED TO ASA 150#
15 MM TO 100 MM

ITEM NO. 187



RT 6161 S3
RT 6363 S3
RW 6161 S3
RW 6363 S3

SS 304 / SS 316 NEEDLE VALVES SCREWED BONNET SCREWED ENDS

MOC AISI 304 / AISI 316
TRIMS AISI 304 / AISI 316
MFG STD MARCK/022
TESTING MARCK/022
HAND WHEEL BAKELITE
ENDS SCREWED TO BSP / BSPT / NPT
SOCKETWELD TO ANSI B 16.11
HYDR-TEST PRESSURE

BODY : 1100 Psig (77 Kg/Cm²)
SEAT : 800 Psig (56 Kg/Cm²)

SIZE RANGE

8 MM TO 50 MM

ITEM NO. 190

 VALVE CODE
DN 9040 N1

DIAPHRAGM VALVE

 BODY
DIAPHRAM
TRIMS
ENDS
SIZE RANGE

 POLYPROPYLENE
NEOPRENE RUBBER
CARBON STEEL
FLANGED TO BS 10 TABLE 'D'
15 MM TO 150MM
ITEM NO. 191

 CT 9191 LE (C)
CT 9191 LE (C)

NON RETURN VALVE

 BODY
BALL
STOP RING
SEAT
SCREEN
ENDS
SIZE RANGE

 ATECTIC POLYPROPYLENE COPOLYMER
POLYPROPYLENE
ATCETIC POLYPROPYLENE
PTFE
ATCETIC POLYPROPYLENE
SCREWED TO BSP
FLANGED TO BS 10 TABLE 'D'
25 MM to 200 MM
ITEM NO. 192

 XT 9191 L3
XT 9191 L3

FOOT VALVES

 BODY
BALL
STOP RING
SEAT
SCREEN
ENDS
SIZE RANGE

 ATECTIC POLYPROPYLENE COPOLYMER
POLYPROPYLENE RE-INTORCED
ATCETIC POLYPROPYLENE
PTFE
ATCETIC POLYPROPYLENE
SCREWED TO BSP
FLANGED TO BS 10 TABLE 'D'
25 MM to 200 MM
ITEM NO. 193
SIGHT GLASS

 FLANGES
GLASS
SEAT
ENDS
SIZE RANGE

 ATECTIC POLYPROPYLENE COPOLYMER
TOUGHENED BROCIL GLASS
PTFE
FLANGED TO BS 10 TABLE E/F
FLANGED TO ANSI B 16.5 RF (150#)
25 MM to 150 MM

ITEM NO. 194



G.M. GATE VALVE AS PER IS / 778, CL-I

ENDS SCREWED
WITH OR WITHOUT ISI MARK
SIZE RANGE 15 MM TO 100 MM

ITEM NO. 195



G.M. GLOBE VALVE AS PER IS / 778, CL-I

ENDS SCREWED
WITH OR WITHOUT ISI MARK
SIZE RANGE 15 MM TO 100 MM

ITEM NO. 196



G.M. HORIZONTAL NON RETURN VALVE AS PER IS / 778, CL-I

ENDS SCREWED
WITH OR WITHOUT ISI MARK
SIZE RANGE 15 MM TO 100 MM

ITEM NO. 197



G.M. STEAM STOP VALVE

WITH S.S. WORKING PARTS SUITABLE TO 250psig Working Press.
ENDS SCREWED
SIZE RANGE 15 MM TO 80 MM

ITEM NO. 198



G.M. STEAM STOP VALVE

WITH S.S. WORKING PARTS SUITABLE TO 250psig Working Press.
ENDS FLANGED TABLE 'H'
SIZE RANGE 15 MM TO 80 MM

ITEM NO. 199



G.M. NON RETURN VALVE SCREWED END BONNET

WITH S.S. WORKING PARTS SUITABLE TO 250psig Working Press.

ENDS	SCREWED
SIZE RANGE	15 MM TO 80 MM

ITEM NO. 200



G.M. NON RETURN VALVE FLANGED END BONNET AS PER TABLE "H" WITH S.S. WORKING PARTS

ENDS	FLANGED
SIZE RANGE	15 MM TO 80 MM

ITEM NO. 201



G.M. "Y" TYPE STRAINER

ENDS	SCREWED
SIZE RANGE	15 MM TO 80 MM

ITEM NO. 202



G.M. "Y" TYPE STRAINER FLANGED END BONNET AS PER TABLE "E"

ENDS	FLANGED
SIZE RANGE	15 MM TO 100 MM

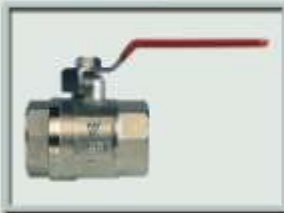
ITEM NO. 203



BRASS BALL VALVE (MADE IN ITALY) BRASS BALL VALVE SINGLE PIECE SCREWED END

SIZE RANGE	8 MM TO 100 MM
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ITEM NO. 203 A



BRASS BALL VALVE (ECO SERIES) BRASS BALL VALVE SINGLE PIECE SCREWED END

SIZE RANGE	15 MM TO 50 MM
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HIGH PRESSURE BALL VALVES



ITEM NO. 204**



400 # TWO PIECE DESIGN F/E FULL BORE WCB / SS 304 / SS 316

BODY	ASTM A 216 WCB / AISI 304 / AISI 316
BALL	ASTM A 304/ ASTM A 351 Gr CF 8 AISI 316 / ASTM A 351 Gr CF 8M
MFG STD	API 6D
FACE TO FACE	API 6D
ENDS	ASME B16.5 RF 400#
HYD-TEST PRESSURE	BODY : 1450 PSIG SEAT : 1060 PSIG
PNEUMATIC PRESSURE	SEAT : 80 PSIG
INSPECTION TEST STD.	API 6D
SIZE RANGE	40 MM TO 300 MM

ITEM NO. 205**



600 # TWO PIECE DESIGN F/E FULL BORE WCB / SS 304 / SS 316

BODY	ASTM A 216 WCB / AISI 304 / AISI 316
BALL	ASTM A 304/ ASTM A 351 Gr CF 8 AISI 316 / ASTM A 351 Gr CF 8M
MFG STD	API 6D
FACE TO FACE	API 6D
ENDS	ASME B16.5 RF 600#
HYD-TEST PRESSURE	BODY : 2175 PSIG SEAT : 1600 PSIG
PNEUMATIC PRESSURE	SEAT : 80 PSIG
INSPECTION TEST STD.	API 6D
SIZE RANGE	40 MM TO 300 MM

ITEM NO. 206**



900 # TWO PIECE DESIGN F/E FULL BORE WCB / SS 304 / SS 316

BODY	ASTM A 216 WCB / AISI 304 / AISI 316
BALL	ASTM A 304/ ASTM A 351 Gr CF 8 AISI 316 / ASTM A 351 Gr CF 8M
MFG STD	API 6D
FACE TO FACE	API 6D
ENDS	ASME B16.5 RF 900#
HYD-TEST PRESSURE	BODY : 3250 PSIG SEAT : 2400 PSIG
PNEUMATIC PRESSURE	SEAT : 80 PSIG
INSPECTION TEST STD.	API 6D
SIZE RANGE	40 MM TO 300 MM

ITEM NO. 207**



**1500 # TWO PIECE DESIGN F/E FULL BORE
WCB / SS 304 / SS 316**

BODY	ASTM A 216 WCB / AISI 304 / AISI 316
BALL	ASTM A 304/ ASTM A 351 Gr CF 8 AISI 316 / ASTM A 351 Gr CF 8M
MFG STD	API 6D
FACE TO FACE	API 6D
ENDS	ASME B16.5 RF 1500#
HYD-TEST PRESSURE	BODY : 5400 PSIG SEAT : 4000 PSIG
PNEUMATIC PRESSURE	SEAT : 80 PSIG
INSPECTION TEST STD.	API 6D
SIZE RANGE	40 MM TO 300 MM 80 MM & ABOVE GEAR REQUIRED

ITEM NO. 208**



**2500 # TWO PIECE DESIGN F/E FULL BORE
WCB / SS 304 / SS 316**

BODY	ASTM A 216 WCB / AISI 304 / AISI 316
BALL	ASTM A 304/ ASTM A 351 Gr CF 8 AISI 316 / ASTM A 351 Gr CF 8M
MFG STD	API 6D
FACE TO FACE	API 6D
ENDS	ASME B16.5 RF 1500#
HYD-TEST PRESSURE	BODY : 9000 PSIG SEAT : 6600 PSIG
PNEUMATIC PRESSURE	SEAT : 80 PSIG
INSPECTION TEST STD.	API 6D
SIZE RANGE	40 MM TO 300 MM 50 MM & ABOVE GEAR REQUIRED

ITEM NO. 209**



**CAST STEEL PARALLEL SLIDE BLOWDOWN
OFF VALVE FLANGED END**

AS PER BS 10 TABLE "J"	
WITH IBR TEST CERTIFICATE	
SUITABLE FOR 24.6 Kg/Cm ²	
AND TESTED TO 49.2 Kg/Cm ²	
SIZE RANGE	25 MM TO 65 MM

ITEM NO. 210**



INVESTMENT CASTING GATE VALVE

BODY & WEDGE	ASTM A 351 Ge. CF 8 / CF 8M
TRIMS	AISI 304 / AISI 316
ENDS	SCREWED TO BSP SOCKETWELD END TO ANSI B 16.11
HYD-TEST PRESSURE	BODY : 1100 PSIG SEAT : 800 PSIG
SIZE RANGE	15 MM TO 100 MM

TEFLON LINED VALVES FEP / PFA LINED VALVES



ITEM NO. 211



CAST IRON TEFLON LINED WAFER TYPE BUTTERFLY VALVE

BODY	IS 210 Gr FG 200/ 220
DISC	S S 304 + FPA/FEP LINED
SEAT	PTFE / TEFLON
MFG STD	BS 5155
INSPECTION TEST STD.	BS 6755 (PART- II)
LINING THICKNESS	MINIMUM 3.00 MM TO 4.00 MM
	FEP : - MAXIMUM 200° C
	PFA : - MAXIMUM 260° C
TEMP.	10 KVDC
SPARK TEST	WAFER TYPE TO SUIT ANSI B 16.5 (150#)
ENDS	BODY : 07 Kg/Cm ²
HYD-TEST PRESSURE	SEAT : 07 Kg/Cm ²
SIZE RANGE	50 MM TO 400 MM

ITEM NO. 212



CAST IRON TEFLON LINED TWO PIECE DESIGN BALL VALVE ASA 150#

BODY	IS 210 Gr FG 200/ 220 AND LINED WITH TEFLON / FEP / PFA
BALL	ASTM A 216 216 Gr. WCB + FEP/PFA LINED
STEM	ASTM A 216 216 Gr. WCB + FEP/PFA LINED
ENDS	FLANGED TO ANSI B 16.5 (150#)
PARTS	ALL WETTED PARTS OF VALVE & RAISED PORTION OF FLANGES WILL BE LINED WITH TEFLON/FEP/PFA
LINING THICKNESS	MINIMUM 3.00 MM TO 4.00 MM
TEMP.	FEP : - MAXIMUM 200° C
	PFA : - MAXIMUM 260° C
SPARK TEST	15 KVDC
HYD-TEST PRESSURE	BODY : 10 Kg/Cm ²
	SEAT : 10 Kg/Cm ²
SIZE RANGE	25 MM TO 200 MM

ITEM NO. 213



CAST IRON TEFLON LINED PLUG VALVE FLANGED END ASA 150#

BODY	IS 210 Gr FG 200/ 220 AND LINED WITH TEFLON / FEP / PFA
COVER	CAST IRON
PLUG	ASTM A 216 216 Gr. WCB + FEP/PFA LINED
DIAPHRAGM	PTFE / TEFLON
ENDS	FLANGED TO ANSI B 16.5 (150#)
PARTS	ALL WETTED PARTS OF VALVE & RAISED PORTION OF FLANGES WILL BE LINED WITH TEFLON/FEP/PFA
LINING THICKNESS	MINIMUM 3.00 MM TO 4.00 MM
TEMP.	FEP : - MAXIMUM 200° C
	PFA : - MAXIMUM 260° C
SPARK TEST	15 KVDC
HYD-TEST PRESSURE	BODY : 10 Kg/Cm ²
	SEAT : 10 Kg/Cm ²
SIZE RANGE	25 MM TO 200 MM

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ITEM NO. 214



CAST IRON TEFLON LINED DIAPHRAGM VALVE FLANGED END ASA 150#

BODY	IS 210 Gr FG 200/ 220 AND LINED WITH TEFLON / FEP / PFA
BONNET	CAST IRON
END	FLANGED TO ANSI B 16.5 (150#)
PARTS	ALL WETTED PARTS OF VALVE & RAISED PORTION OF FLANGES WILL BE LINED WITH TEFLON/FEP/PFA
LINING THICKNESS	MINIMUM 3.00 MM TO 4.00 MM
TEMP.	FEP : - MAXIMUM 200° C PFA : - MAXIMUM 260° C
SPARK TEST	15 KVDC
HYD-TEST PRESSURE	BODY : 10 Kg/Cm ² SEAT : 10 Kg/Cm ²
SIZE RANGE	25 MM TO 200 MM

ITEM NO. 215



TEFLON SLEEVE PLUG VALVE FLANGED END TABLE "E" / ASA 150#

BODY	IS 210 Gr FG 200/ 220 / WCB / AISI 304 / AISI 316
PLUG	AISI 304 / AISI 316 WITH TEFLON SLEEVE
DIAPHRAGM	PTFE / TEFLON
ENDS	FLANGED TABLE "E"/ ASA 150#
SIZE RANGE	25 MM TO 100 MM

ITEM NO. 216



WAFER TYPE BALL VALVE 3PIECE DESIGN FLANGED END FIRE SAFE LEVER OPERATED FULL PORT

BODY	ASTM A 216 Gr. WCB / AISI 304 / AISI 316
CONNECTOR	ASTM A 216 Gr. WCB / AISI 304 / AISI 316
BALL	AISI 304 / 316 - ASTM A 351 Gr. CF8/8M
STEM	AISI 304 / 316
SEAT & SEALS	PTFE
SIZE RANGE	15 MM TO 100 MM

ITEM NO. 217



ELECTRICAL ACTUATOR

ELECTRICAL SUPPLY	415 3 Phase 50 Hz 230 Single Phase
AVAILABLE VOLTAGE	110 V AC / 220 V A/C
MULTI TURN FOR	Sluice & Gate Valve, Knif edge Gate Valve, Globe Valve
QUARTER TURN FOR	Butterfly Valve, Ball Valve, Plug Valve, & Dum
<ul style="list-style-type: none"> • Electrical Actuator is suitable for safe or Hazardous area. • Complete unit with valve as per customer's choice, Actuator, Panel can be supplied • Available for torque range from 20 to 2000 mm with various output speeds. • Available in Power supply Three Phase 415/380 V AC 50/60 Hz, 3Ph And Single Phase 220/110 VAC • Suitable for on/off or modulating duties. • Type (1) Syncroset (2) Syncropak (Integral Starter) 	

Note : Customer are requested to enquired with working pressure, temperature & media with full specification.

APPLICATIONS



- Oil and Petroleum
- Pharmaceuticals
- Paint and Varnish
- Distillery and Beverages
- Chemical and Process
- Water Treatment
- Power Plants
- Food and Sugar
- Paper and Pulp
- Soda Ash and Salt
- Fertilizers





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