

STEAM TRAPS

IS 12268

Material of Construction :

CI | CA 15 | CF8 | CF8M | A 105 | F11 | F22

End Connections :

Screwed | Socket | Flanged End

Type :

Thermo Dynamic (TD-3) | Horizontal Float Type |

Vertical Inverted Bucket Type |

Horizontal Inverted Bucket Type

Pressure Rating :

ASA 800# | 1500# | 2500#

Max Inlet Pressure :

10 Kg/Cm² | 30 Kg/Cm² | 248 Kg/Cm² AT 204° C

Size Range :

15mm to 25mm - TD-3

15mm to 50mm - Float & Bucket type



FABRICATED VALVE RANGE

•Butterfly Valves

Size Range :

40mm to 2000mm

•Strainers

-Pot Type

-Basket Type

-“T” Type

-Duplex Type

Size Range :

15mm to 1200mm



STAINLESS STEEL - GATE | GLOBE | NRV

SCREWED END

Material of Construction :

SS 304 | SS 316 | SS 304L | SS 316L

End Connections :

Screwed to BSP | BSPT | NPT |

Socketweld to ASME B 16.11

Pressure Rating :

Body : 425 Psig (30 Kg/Cm²)

Seat : 300 Psig (21 Kg/Cm²)

Size Range :

15mm to 50mm



TUBE GLASS & DOUBLE WINDOW SIGHT GLASS

MARCK - 019

Material of Construction :

CS | SS

End Connections :

Flanged

Pressure Rating :

ASA 150#

Size Range :

15mm to 150mm



GUN METAL | BRONZE VALVES

- Gate Valve as per IS 778 CL-I
- Globe Valve as per IS 778 CL-I
- Horizontal Non Return Valve as per IS 778 CL-I
- Steam Stop Valve



FLANGES & FITTINGS

IBR APPROVED

Material of Construction :

MS | A105 | SS 304 | SS 316 | SS 304L | SS 316L

Rating :

ASA 150# to 2500# | ND-16 | ND-40 |

BS 10 TABLE E | D | F | K | J

Type :

SORF | Blind | WNRF Etc.

Size Range :

15mm to 2000mm

FITTINGS : IBR APPROVED

•Carbon Steel (MS) Seamless Bends

•Long Radius

•MS (Carbon Steel) Elbows

•Long Radius

•MS (Carbon Steel) Concentric Reducers



The Design & Technical Data Furnished Here Are Subject To Change Without Intimation Due To Continuous Product Development.

CONSULTANT'S APPROVAL



Hawa Engineers Ltd.

CIN : L29120GJ1993PLC019199

Corporate Office :- Narol Road, Ahmedabad-382405. (Gujarat) India.

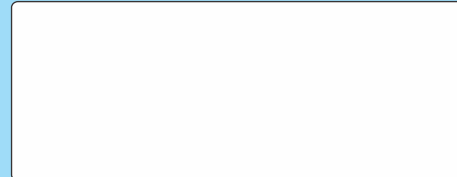
Reg. Office & Works :- Chandola, Ahmedabad-380028. (Gujarat) India.

Visit us. :- www.hawaengltd.com

:- [You Tube/c/HawaEngineersLtd](https://www.youtube.com/c/HawaEngineersLtd)



Available At :



CAT/54
NOV - 2019

ONE ELEVEN - 9824097300



Hawa Engineers Ltd.

THE COMPREHENSIVE VALVE RANGE



OUR CLIENTS



GATE VALVES | KNIFE EDGE GATE VALVES

API 600 | API 6D | MSS SP-81

Material Of Construction :
CI | CS | SS | AS | WCB | LCB | WC6 | WC9

End Connections :
Screwed to BSP | BSPT | NPT | Socket Weld | Butt Weld Ends | Flanged Ends | Ring Type Joints (RTJ)

Pressure Rating :
ASA 125# | 150# | 300# | 400# | 600# | 900# | 1500# | 2500#

Operation :
Manual | Gear and Electrical Actuated

Size Range :
25mm to 1200mm



BALL VALVES – FLOATING & TRUNION MOUNTED

API 6D | BS-5351 | BS-5159 | ISO 17292

Material Of Construction :
CI | CS | SS | AS | A 105 | F304 | F316 | CF3 | CF3M | CN7M

Seat & Seals :
PTFE | Reinforced PTFE | Buna-N | Graphoil | Graphite

End Connections :
Screwed to BSPT | NPT | Socket Weld | Butt Weld with extended Nipple | Flanged Ends | Butt Weld Ends

Pressure Rating :
ASA 150# | 300# | 600# | 800# | 900# | 1500# | 2500#

Type :
Single Pc | Two Pc | Three Pc | 3 Way | 4 Way

Operation :
Lever | Gear | Electrical Actuator | Pneumatic Rotary Actuator

Size Range :
6mm to 750mm



GLOBE | SLUICE & REFLUX VALVES

IS 14846 | IS 5312

Material Of Construction :
Body : Cast Iron | C.S. with G.M. or S.S. Internals

End Connections :
Flanged Ends

Pressure Rating :
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

Type :
Inside Screw (Non Rising Spindle) for Sluice | Outside Screw (Rising Spindle) for Gate

Size Range :
50mm to 1200mm



FORGED STEEL VALVES - GATE, GLOBE, CHECK | "Y" - TYPE STRAINERS

API 602 | BS-5352 | MARCK-024

Material of Construction :
ASTM A 105 | F304 | F304L | F316 | F316L | F5 | F9 | F11 | F22

End Connections :
Socketweld | Screwed | Butt Weld Flanged End

Type :
Straight Pattern | "Y" Type Pattern

Pressure Rating :
ASA 800# | 1500# | 2500#

Size Range :
15mm to 50mm



GLOBE VALVES

BS-1873 | ND-16 | ND-40

Material Of Construction :
CI | CS | SS | AS | LCB | WC6 | WC9

End Connections :
Screwed to BSP | BSPT | NPT | Socket Weld | Butt Weld Ends | Flanged Ends | Ring Type Joints (RTJ)

Pressure Rating :
ASA 125# | 150# | 300# | 600# | 900# | 1500# | 2500# | PN 16 | PN 40 | PN 64

Operation :
Manual | Gear and Electrical Actuated

Size Range :
15mm to 1000mm



BUTTERFLY VALVES

API 609 | BS-5155 | BS EN 593 | AWWA C504 | IS 13095

Material Of Construction :
CI | DI | CS | SS

Seat & Seals :
Nitrile | Neoprene | PTFE | Viton | Hypalon | Silicon

End Connections :
Wafer Type | Double Flanged | Lug End

Pressure Rating :
ASA 125# | 150# | PN 1.0 | PN 1.6 | PN 20 | PN 2.5

Type :
Centric Disc Design | Offset Disc Design | Triple Offset Disc Design | High Performance

Operation :
Lever | Gear | Electrical Actuator | Pneumatic Rotary Actuator

Size Range :
40mm to 2000mm



STRAINERS

MARCK 014

Material of Construction :
Cast Iron | Cast Steel | Stainless Steel

End Connections :
Flanged | Screwed End

Type :
"Y" Type | "T" Type | Pot Type | Basket Type

Pressure Rating :
ASA 150# | 300# | PN 40

Size Range :
15mm to 800mm



DIAPHRAGM VALVES

BS-5156 | BS 6755-1

Material of Construction :
CI | CS | SS

Lining Options :
Rubber Lined | Glass Lined | Unlined

End Connections :
Screwed | Flanged End

Pressure Rating :
PN 10 | PN 16 | 150# Class

Size Range :
25mm to 400mm



NON RETURN VALVES

BS-1868 | API 6D

Material Of Construction :
CI | CS | SS | AS | LCB | WC6 | WC9

End Connections :
Screwed to BSP | BSPT | NPT | Socket Weld | Butt Weld Ends | Flanged Ends | Ring Type Joints (RTJ)

Pressure Rating :
ASA 125# | 150# | 300# | 600# | 900# | 1500# | 2500# | PN 16 | PN 40 | PN 64

Type :
Swing | Lift-Up

Size Range :
15mm to 1000mm



WAFER | DUAL PLATE CHECK VALVES

API 6D | API 594

Material Of Construction :
CI | CS | SS

End Connections :
Wafer Type | Flanged End

Pressure Rating :
ASA 125# | 150# | 300#

Size Range :
25mm to 900mm



PLUG VALVES

BS-5158 | BS- 5353 | API- 599 | API 6D

Material of Construction :
CI | DI | CS | SS

Type :
PTFE Sleeved | Lubricated | Non-Lubricated

End Connections :
Screwed | Flanged | Butt-weld

Pressure Rating :
Class 150#

Size Range :
25mm to 200mm



SAFETY VALVE

API 526

Material of Construction :
CS | SS

End Connections :
Flanged End

Type :
Ordinary Lift Type | High Lift Type | Full Lift Type

Pressure Rating :
ASA 150# | 300# | PN 40

Size Range :
25mm to 200mm

