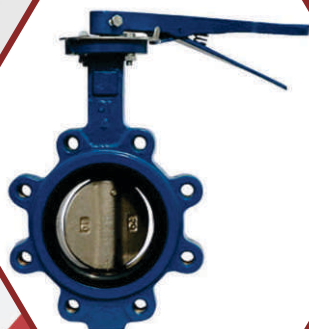




**STARTFLO CONTROLS**  
The Masters in Flow Technology



**PRODUCT CATALOGUE**



# STARTFLO CONTROLS

The Masters in Flow Technology

**STARTFLO CONTROLS cares for Customers, Energy and Environment.**

## **OUR MISSION :**

To provide complete satisfaction to the customer through expert technical guidance, reliable product of highest quality backed by strong after sales service thus earning customers trust and confidence and become partner in their business.

STARTFLO CONTROLS is manufacturer of Ball Valves, Gate Valves, Globe Valves, Check Valves, & Butterfly valves, application for oil & gas, petrochemicals, water treatment, chemicals, pharma, sugar industries & paper industries etc.

STARTFLO CONTROLS has a team of qualified and well trained persons to take care of marketing and service. Startflo controls is known in the industries as a company who provides right solutions with prompt service. Startflo Controls helps the customers in proper selection of products for their requirement.

## **OUR VISION:**

To become “Customer Preferred Company” worldwide that manufactures and delivers the valves with global support and zero errors within the smallest lead time.

## **OUR STRENGTHS:**

Highly reliable products.

Qualified team to provide technical guidance and offers within record time

Well trained team for quick and satisfactory service

Customers trust earned through years of hard work

## **INDUSTRIES WE CAN SERVE**

Chemical/Petrochemical/Fertilizer

Plant Power Plants

Food Industry

Oil and Gas

Pharmaceuticals

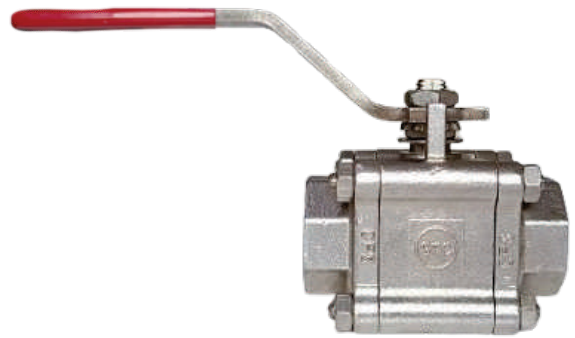
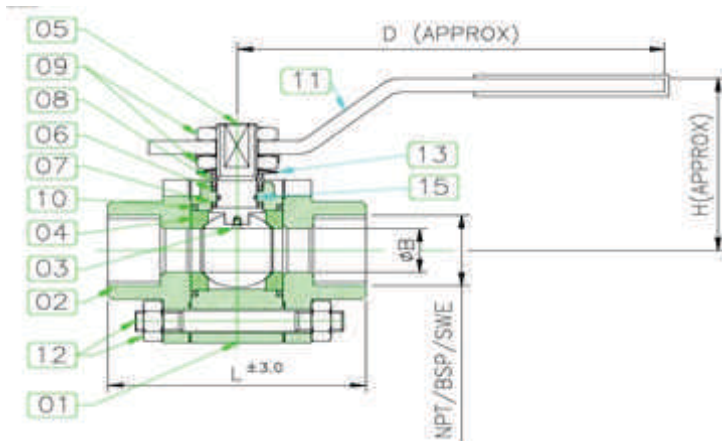
Water Treatment and supply, cooling Tower

Flow control

MISSION VISION STRENGTHS



## 3PC - FLOATING BALL VALVE



### TECHNICAL STANDARDS

DESIGN STANDARDS :- BS EN ISO 17292

SCREWED END :- BSP (BS21) / NPT (ASME B1.20.1)

SOCKET WELD END :- ASME B16.11

FACE TO FACE :- MANUFACTURERS

TESTING STANDARDS :- API 598 / EN12266-1

SIZE :- DN 15 TO DN 100, CLASS 150 TO 1500

### MATERIAL SPECIFICATION

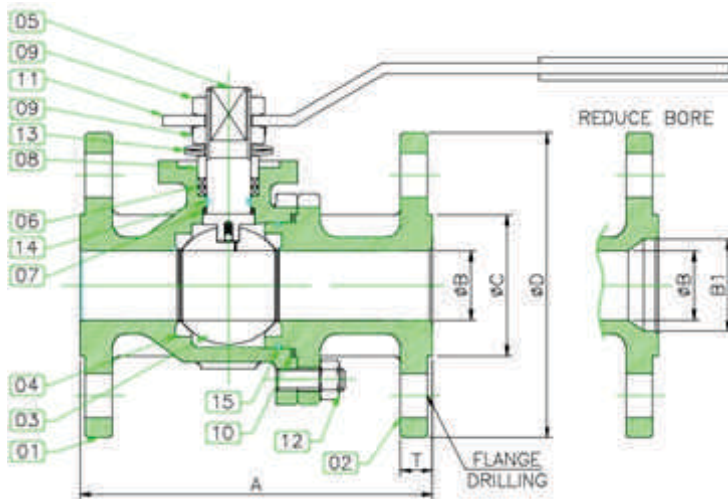
BODY	: WCB/CF8/CF8M/CF3/CF3M/LCB/CA15/Gr.4A,5A
BODY ADAPTER	: WCB/CF8/CF8M/CF3/CF3M/LCB/CA15/Gr.4A,5A
BALL	: CF8/CF8M/CF3/CF3M/Gr.4A,5A SS304/SS316/SS304L/SS316L/SS410/F51,F53
SEAT	: PTFE/RPTFE/GFT/PEEK/CFT
STEM	: SS304/SS316/SS304L/SS316L/SS410/F51,F53/17-4PH
STEM PACKING	: GRAPHITE/PTFE/GFT
STEM WASHER	: GFT/PTFE
GLAND	: SS304/SS316
GLAND/LOCK NUT	: SS304/SS316
BODY GASKET	: GRAPHITE/PTFE/GFT
LEVER+SLEEVE	: CS+PLATE+PVC / SS+PVC
STUD & NUT	: ASTM A193 B7,B7M,B8,B8M / ASTM A320 L7,L7M ASTM A194 2H,2HM,GR.8,8M / GR.7, 7M
BELLEVILLE WASHER	: SPRING STEEL / 50 Cr V4
STEM ORING (OPTIONAL)	: VITON-B

> Other special MOC can be provided as per customer requirements.

> Any special requirements provide as per customer requirements.



## 2PC - FLOATING BALL VALVE



### TECHNICAL STANDARDS

DESIGN STANDARDS :- BS EN ISO 17292 / API 6D

FLANGE ENDS :- ASME B16.5

FACE TO FACE :- ASME B16.10 / API 6D

TESTING STANDARDS :- API 598 / EN12266-1

FIRE SAFE :- API 607

SIZE :- DN 15 TO DN 350, CLASS 150 TO 1500

### MATERIAL SPECIFICATION

BODY	: WCB/CF8/CF8M/CF3/CF3M/LCB/CA15/Gr.4A,5A
BODY ADAPTER	: WCB/CF8/CF8M/CF3/CF3M/LCB/CA15/Gr.4A,5A
BALL	: CF8/CF8M/CF3/CF3M/Gr.4A,5A SS304/SS316/SS304L/SS316L/SS410/F51,F53
SEAT	: PTFE/RPTFE/GFT/PEEK/CFT
STEM	: SS304/SS316/SS304L/SS316L/SS410/F51,F53/17-4PH
STEM PACKING	: GRAPHITE/PTFE/GFT
STEM WASHER	: GFT/PTFE
GLAND	: SS304/SS316
GLAND/LOCK NUT	: SS304/SS316
BODY GASKET	: GRAPHITE/PTFE/GFT/SPW+SS304/316
LEVER+SLEEVE	: CS+PLATE+PVC / SS+PVC
STUD & NUT	: ASTM A193 B7,B7M,B8,B8M / ASTM A320 L7,L7M : ASTM A194 2H,2HM,GR.8,8M / GR.7, 7M
BELLEVILLE WASHER	: SPRING STEEL / 50 Cr V4
STEM ORING (OPTIONAL)	: VITON-B
ADAPTER ORING (OPTIONAL)	: VITON-B

> Valve up to 4" (#300) provided lever operated, Above (#600) & 6" provided Gear/Pneumatic,Actuator

> Other special MOC can be provided as per customer requirements.

> Any special requirements provide as per customer requirements.

### DESIGN FEATURES

- FIRE SAFE
- BLOW OUT PROOF STEM
- ANTI-STATIC DESIGN



## BUTTERFLY VALVE



### TECHNICAL STANDARDS

DESIGN STANDARDS :- BS EN 593 / API 609

TESTING STANDARDS :- API 598 / EN12266-1

SIZE :- DN 40 TO DN 700, PN 10 TO PN 16

### MATERIAL SPECIFICATION

BODY	: CI / ASTM A216 Gr.WCB/ ASTM A351 Gr.CF8,CF8,,CF3,CF3M
DISC	: SGI,DI, A216 Gr.WCB, A351 Gr.CF8,CF8M,CF3,CF3M
SEAT	: EPDM, NITRILE, PTFE & RPTFE
STEM	: ASTM A276 Tp.SS410/SS304/SS316/SS304L/SS316L
ORING	: NITRILE
LEVER/GEAR BOX	: SGI etc.

### TYPES OF BUTTERFLY VALVE

Concentric : The shaft is aligned with body center line

Single-Offset : The shaft is offset from its body center line.

Double-Offset : The shaft is offset from its body center line + shaft offset from pipe center line.

Tripple-Offset : The shaft is offset from its body center line + shaft offset from pipe center line  
+ conical offset shape in its seal and discs connection





## FORGED STEEL GATE, GLOBE & LIFT CHECK VALVE



### TECHNICAL STANDARDS

DESIGN STANDARDS :- API 602 / EN ISO 15761 / ASME B16.34

SCREWED END :- BSP (BS21) / NPT (ASME B1.20.1)

SOCKET WELD END :- ASME B16.11 / BUTT WELD - ASME B16.25

FACE TO FACE :- MANUFACTURER'S

TESTING STANDARDS :- API 598 / EN12266-1

SIZE :- DN 15 TO DN 65, CLASS 150 TO 1500

### MATERIAL SPECIFICATION

BODY, BONNET, COVER & GLAND FLANGE	: ASTM A105 / ASTM A182 Gr.F304, F316, F304L, F316L, F11, F22, A350 Gr.LF2
WEDGE & DISC	: ASTM A217 Gr.CA15, ASTM A351 Gr.CF8/CF8M/CF3/CF3M
STEM, SEAT RING & GLAND	: ASTM A276 Tp.SS410/SS304/SS316/SS304L/SS316L
YOKE SLEEVE / YOKE BUSH	: S.G.Iron/ Ni-Resist ASTM A439 Gr.D2
PACKING	: GRAFOIL / BRAIDED GRAPHITE
GASKET	: SPW SS304/ 316+GRAFOIL, SPWSS304/316+PTFE
SPRING	: SS304/SS316
STUD & NUT	: ASTM A193 B7, B7M, B8, B8M / ASTM A320 L7, L7M ASTM A194 2H, 2HM, GR.8, 8M / GR.7, 7M
HAND WHEEL	: MALLEABLE IRON / CARBON STEEL

> Other special MOC can be provided as per customer requirements.

> Valves shall be supplied with welded flanges for class 150/300 if required

> Air seat & Back seat test not applicable for Lift Check Valves

> Any special requirements provide as per customer requirements.



## NON FERROUS METAL VALVES



NON RISING SPINDLE GLOBE VALVE



RISING SPINDLE GLOBE VALVE



GATE VALVE



BALL VALVE



## MACHINE SHOP & TESTING FACILITY



## TEST RIG



[www.startflocontrols.com](http://www.startflocontrols.com)



**STARTFLO CONTROLS**

The Masters in Flow Technology

Address : Unit No. 7, Shree Sant Dnyaneshwar Industrial Estate, Plot No. 58, 59 / 13,14,15,  
D-II Block, Near Mohan Nagar Police Chowki, MIDC, Chinchwad 411019

Contact No : +91 99755 75277 | +91 7030342021 Web Site : [www.startflocontrols.com](http://www.startflocontrols.com)

Email Id : [sales.support@startflocontrols.com](mailto:sales.support@startflocontrols.com), [engineering@startflocontrols.com](mailto:engineering@startflocontrols.com)