

## BALL VALVES

**FLOATING**  
MONOBLOC - WAFER  
SPLIT BODY - 2 PIECES



**TRUNNION**  
3 PIECES BODY  
SIDE & TOP ENTRY



**CONSTRUCTION**

B 16.34 – API 6A - API 6D – BS 5351 – EN 17292

**SIZE**

FROM 1/2" TO 60" REDUCED AND FULL BORE

**CLASS**

ANSI 150 - 300 - 600 – 800 - 900 – 1500 – 2500 – 4500  
PSI 3000 – 6000 - 10000

**END CONNECTIONS**

THREADED – BW – SW - PE  
FLANGED ACCORDING TO ANSI - API – DIN - BS

**SPECIAL FEATURES**

NACE MR 01.75 – FIRE SAFE  
METAL TO METAL SEAT – UNDERGROUND SERVICE  
GEAR – ELECTRIC AND PNEUMATIC ACTUATOR EXTENDED BONNET -  
CRYOGENIC SERVICE  
HEATING JACKET – PREVELDED NIPPLES

**STANDARD MATERIALS**

C.S. A105 / A216 WCB – L.T. C.S. A 350 LF2 – A352 LCB  
S. S. A182 F304/L – A182 F316/L - A351 CF8M/CF3M

**SPECIAL MATERIALS**

HASTELLOY – INCONEL – INCOLOY – MONEL  
TITANIUM – DUPLEX – SUPER DUPLEX  
BRASS - BRONZE

## FORGED VALVES

**GATE**

**GLOBE**

**CHECK**



**NEEDLE**



**TYPE**

**BOLTED AND WELDED BONNET  
RENEWABLE AND INTEGRAL SEAT**

**CONSTRUCTION**

**B 16.34 - API 602 - BS 5352 - EN 15761**

**SIZE**

**FROM 1/4" TO 2" REDUCED AND FULL BORE**

**CLASS**

**ANSI 150 - 300 - 600 - 800 - 900 - 1500 - 2500 - 4500  
PSI 3000 - 6000 - 10000**

**END CONNECTIONS**

**THREADED - BW - SW - PE  
FLANGED ACCORDING TO ANSI - API - DIN - BS**

**SPECIAL FEATURES**

**NACE MR 01.75  
Y PATTERN - THROUGH CONDUIT  
PRESSURE SEAL BONNET - BELLOWS SEAL  
GEAR - ELECTRIC AND PNEUMATIC ACTUATOR  
EXTENDED BODY - EXTENDED BONNET  
ANGLE GLOBE VALVE - CRYOGENIC SERVICE**

**STANDARD MATERIALS**

**C.S. A105 - L.T. C.S. A 350 LF2  
S. S. A182 F304/L - A182 F316/L**

**SPECIAL MATERIALS**

**C.S. A 182 F5 - F 9 - F 11 - F 22  
S.S. A 182 F 321 - A 182 F 347  
HASTELLOY - INCONEL - INCOLOY - MONEL  
ALLOY 20 - TITANIUM - DUPLEX - SUPER DUPLEX**

## CASTED VALVES

**GATE**

**GLOBE**

**CHECK**



**TYPE**

**BOLTED BONNET  
RENEWABLE AND INTEGRAL SEAT**

**CONSTRUCTION**

**B 16.34 – API 600 - BS 1414 – BS 1873 – BS 1868 – API 6D**

**SIZE**

**GATE FROM 2" TO 48"  
GLOBE FROM 2" TO 16"  
CHECK FROM 2" TO 36"**

**CLASS**

**ANSI 150 - 300 - 600 – 900 – 1500 – 2500**

**END CONNECTIONS**

**BW AND  
FLANGED ACCORDING TO ANSI - API – DIN - BS**

**SPECIAL FEATURES**

**NACE MR 01.75  
Y PATTERN – THROUGH CONDUIT  
PRESSURE SEAL BONNET – BELLOWS SEAL  
GEAR – ELECTRIC AND PNEUMATIC ACTUATOR  
CHAIN WHEEL OP. - EXTENDED BONNET  
ANGLE GLOBE VALVE - CRYOGENIC SERVICE**

**STANDARD MATERIALS**

**C.S. A 216 WCB – A 352 LCB  
S. S. A 351 CF8 – A 351 CF8M**

**SPECIAL  
MATERIALS**

**C.S. A 217 WC6 – WC9 – C 5 – C 12  
S.S. A 351 CF8C  
HASTELLOY – INCONEL – INCOLOY – MONEL  
ALLOY 20 - TITANIUM – DUPLEX – SUPER DUPLEX**

## PLUG VALVES

**LUBRICATED  
STANDARD AND  
PRESSURE  
BALANCED**



**NON  
LUBRICATED  
WITH SLEEVE 2/5  
WAYS**



**CONSTRUCTION**

**B 16.34 – API 6A - API 6D – API 599 - BS 5353**

**SIZE**

**1/2" TO 24"**

**CLASS**

**ANSI 150 - 300 - 600 – 800 - 900 – 1500 – 2500  
PSI 2000 - 3000 – 6000 - 10000**

**END CONNECTIONS**

**THREADED – BW – SW FLANGED ACCORDING  
TO API – ANSI – DIN -BS**

**SPECIAL FEATURES**

**NACE MR 01.75  
SHORT, REGULAR AND VENTURI PATTERN  
OPERATING EXTENSION - BEVEL GEAR  
ELECTRIC AND PNEUMATIC ACTUATOR  
HEATING JACKET - CRYOGENIC SERVICE  
PFA/PTFE LINING**

**STANDARD MATERIALS**

**C.S. A105 - A216 WCB – A352 LCB  
S. S. A182 F304 – A182 F316 – A351 CF8 – A351 CF8M  
CAST AND DUCTILE IRON**

**SPECIAL  
MATERIALS**

**HASTELLOY – INCONEL – MONEL – TITANIUM – DUPLEX ALLOY 20 -  
NIKEL**

## BUTTERFLY VALVES

WAFER  
LUG  
FLANGED



CONSTRUCTION

ISO 5752 – EN 558 (DIN 3202 T3 K1)  
API 609 - MSS SP-67 – BS 5155

SIZE

1-1/2" TO 96"

CLASS

PN 10 – PN 16 - ANSI 150 – 300 – 600

SPECIAL FEATURES

CONCENTRIC – DOUBLE ECCENTRIC – TRIPLE ECCENTRIC  
NACE MR 01.75 - OPERATING EXTENSION  
BEVEL GEAR – ELETRIC AND PNEUMATIC ACTUATOR  
PFA/PTFE LINING

STANDARD MATERIALS

CAST AND DUCTILE IRON  
C. S. A105 - A216 WCB  
S. S. 316 - A351 CF8M  
ALUMINIUM BRONZE

SEATS

BUNA NBR – EPDM - VITON – SILICONE  
NEOPRENE – PTFE - HYPALON – METAL TO METAL

SPECIAL MATERIALS

HASTELLOY – INCONEL – MONEL – TITANIUM – DUPLEX ALLOY 20 - NIKEL

## NON RETURN VALVES

### SINGLE PLATE CHECK VALVE

### DISC CHECK VALVE



### DUAL PLATE CHECK VALVE

WAFER  
LUG  
FLANGED



**CONSTRUCTION**

**B 16.5 - API 594 - EN ISO 8062-3 - BS EN 10204**

**SIZE**

**2" TO 60"**

**CLASS**

**ANSI 150 - 300 - 600 - 900 - 1500 - 2500**

**SPECIAL FEATURES**

**AVAILABLE ON REQUEST**

**STANDARD MATERIALS**

**CAST AND DUCTILE IRON**  
**C. S. A105 - A216 WCB**  
**L.T.C.S. A350 LF2 - A352 LCB**  
**S. S. 316 - A351 CF8M**  
**ALUMINIUM BRONZE**

**SEATS**

**METAL TO METAL / LINED**

**SPECIAL  
MATERIALS**

**HASTELLOY - INCONEL - MONEL - TITANIUM - DUPLEX ALLOY 20 -  
NIKEL**



## OTHERS VALVES

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### BRONZE / BRASS / CAST IRON VALVES



### DIAPHRAGM VALVES



### PLASTIC VALVES



### KNIFE GATE VALVES

