

NIBCO®

AHEAD OF THE FLOW™



Carbon & Stainless
Steel Ball Valves

Carbon Steel Ball Valves—Threaded, Socket Weld, Butt Weld

T-560-CS-R-25-LL (1/4"–2")

T-560-CS-R-25-FS-LL (1/4"–2")

One-Piece Body • Reduced Port • Blowout-Proof Stem • CS Trim
• Vented Ball • Fire Safe Optional Specify "FS"

2000 PSI/138 Bar Non-Shock Cold Working Pressure

CONFORMS TO API-607 FOURTH EDITION FIRE SAFE • MSS SP-110 •
NACE MRO175 • WW-V-35C, TYPE II, CLASS CS, STYLE 3



T-560-CS-R-66-LL (1/4"–2")

T-560-CS-R-66-FS-LL (1/4"–2")

One-Piece Body • Reduced Port • Blowout-Proof Stem •
316 SS Trim • Locking Lever • Fire Safe Optional Specify "FS"

2000 PSI/138 Bar Non-Shock Cold Working Pressure

CONFORMS TO API-607 FOURTH EDITION FIRE SAFE MSS SP-110 •
NACE MRO175 • WW-V-35C, TYPE II, CLASS CS, STYLE 3



T-570-CS-R-25 (1/2"–2")

T-570-CS-R-66 (1/2"–2")

One-Piece Bar Stock Body • Blowout-Proof Stem •
CS Trim or 316 SS Trim • Vented Ball (2" only)

2000 PSI/138 Bar Non-Shock Cold Working Pressure (1/2"-1")

1500 PSI/103 Bar Non-Shock Cold Working Pressure (1 1/2"-2")

CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35, TYPE II,
CLASS CS, STYLE 3



TC-580-CS-R-25-LL (1/4"–2")

TC-580-CS-R-66-LL (1/4"–2")

Two-Piece Body • Conventional Port • Blowout-Proof Stem •
CS Trim or 316 SS Trim • Cast Mounting Pad • Vented Ball

2000 PSI/138 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35C, TYPE II,
CLASS CS, STYLE 3



T-580-CS-R-25 (1/4"–2")

T-580-CS-R-66 (1/4"–2")

Two-Piece Bar Stock Body • Conventional Port •
Blowout-Proof Stem • CS Trim or 316 SS Trim • Vented Ball

2000 PSI/138 Bar Non-Shock Cold Working Pressure (1/4"-1")

1500 PSI/103 Bar Non Shock Cold Working Pressure (1 1/4"-2")

CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35C, TYPE II,
CLASS CS, STYLE 3



Carbon Steel Ball Valves—Threaded, Socket Weld, Butt Weld

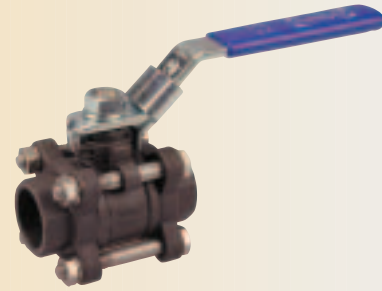
T-595-CS-R-66-LL Threaded (1/4"–2")

K-595-CS-R-66-LL Socket Weld (1/2"–2")

Three-Piece Body • Full Port • Blowout-Proof Stem • 316 SS Trim • Vented Ball

1000 PSI/69 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35C, TYPE II, CLASS CS, STYLE 1



TM-595-CS-R-66 Threaded (1/4"–2")

KM-595-CS-R-66 Socket Weld (1/2"–2")

Three-Piece Body • Full Port • Cast ISO Mounting Pad • Blowout-Proof Stem • 316 SS Trim • Vented Ball

1000 PSI/69 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35C, TYPE II, CLASS CS, STYLE 1



TM-590-CS-R-66-FS-LL Threaded • **KM-590-CS-R-66-FS-LL** Socket Weld

BM-590-CS-R-66-FS-LL Butt Weld (1/2"–2")

Three-Piece Body • Blowout-Proof Stem • Conventional Port • Enclosed Bolt Design • PTFE Seats • SS Trim • Cast ISO Mounting Pad • Vented Ball

2000 PSI/138 Bar Non-Shock Cold Working Pressure

CONFORMS TO API-607 FOURTH EDITION FIRE SAFE • MSS SP-110 • MSS SP-72 (BUTT WELD) • API 608 ANTI-STATIC FEATURE • NACE MRO175



Stainless Steel Ball Valves—Threaded, Socket Weld, Butt Weld

T-560-S6-R-66-LL (1/4"–2")

T-560-S6-R-66-FS-LL (1/4"–2")

One-Piece Body • Reduced Port • Blowout-Proof Stem • 316 SS Trim • Vented Ball • Fire Safe Optional Specify "FS"

2000 PSI/138 Bar Non-Shock Cold Working Pressure

API607 4TH EDITION FIRESAFE • CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35C, TYPE II, CLASS SS, STYLE 3



Stainless Steel Ball Valves—Threaded, Socket Weld, Butt Weld

T-580-S6-R-66-LL (1/4"–2")

Two-Piece Body • Conventional Port • Blowout-Proof Stem • 316 SS Trim • Cast Mounting Pad • Vented Ball

2000 PSI/138 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35C, TYPE II, CLASS SS, STYLE 3



T-585-S6-R-66-LL (1/4"–2")

Two-Piece Body • Full Port • Blowout-Proof Stem • 316 SS Trim • Cast Mounting Pad • Vented Ball

1000 PSI/69 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35C, TYPE II, CLASS SS, STYLE 3



T-595-S6-R-66-LL Threaded (1/4"–2")

K-595-S6-R-66-LL Socket Weld (1/2"–2")

Three-Piece Body • Full Port • Blowout-Proof Stem • 316 SS Trim • Vented Ball

1000 PSI/69 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35C, TYPE II, CLASS SS, STYLE 1



TM-595-S6-R-66 Threaded (1/4"–2")

KM-595-S6-R-66 Socket Weld (1/2"–2")

Three-Piece Body • Full Port • Cast ISO Mounting Pad • Blowout-Proof Stem • 316 SS Trim • Vented Ball

1000 PSI/69 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-110 • NACE MRO175 • WW-V-35C, TYPE II, CLASS SS, STYLE 1



TM-590-S6-R-66-FS-LL Threaded KM-590-S6-R-66-FS-LL Socket Weld

BM-590-S6-R-66-FS-LL Butt Weld (1/2"–2")

Three-Piece Body • Blowout-Proof Stem • Conventional Port • Enclosed Bolt Design • PTFE Seats • SS Trim • Cast ISO Mounting Pad • Vented Ball

2000 PSI/138 Bar Non-Shock Cold Working Pressure

CONFORMS TO API-607 FOURTH EDITION FIRE SAFE • MSS SP-110 • MSS SP-72 (BUTT WELD) • API 608 ANTI-STATIC FEATURE • NACE MRO175



Class 150 Carbon Steel Flanged Ball Valves

F-510-CS-R-66-FS (1/2"–12")

Unibody Design • Blowout-Proof Stem • 316 Trim •
Fire Safe • Vented Ball

285 PSI/19.7 Bar Non-Shock Cold Working Pressure

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607
FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175



F-515-CS-F-66-FS (1/2"–12")

Split-Body, Full-Bore Design • Blowout-Proof Stem • 316 SS Trim •
Multiple V-Ring Packing • Fire Safe • Vented Ball

285 PSI/19.7 Bar Non-Shock Cold Working Pressure

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607
FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175



Class 150 Stainless Steel Flanged Ball Valves

F-510-S6-R-66-FS (1/2"–12")

Unibody Design • Blowout-Proof Stem • 316 SS Trim •
Fire Safe • Vented Ball

275 PSI/19 Bar Non-Shock Cold Working Pressure

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607
FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175



F-515-S6-F-66-FS (1/2"–12")

Split-Body, Full-Bore Design • Blowout-Proof Stem • 316 SS Trim •
Multiple V-Ring Packing • Fire Safe • Vented Ball

275 PSI/19 Bar Non-Shock Cold Working Pressure

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607
FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175



Class 300 Carbon Steel Flanged Ball Valves

F-530-CS-R-66-FS (1/2"–10")

Unibody Design • Blowout-Proof Stem • 316 SS Trim • Fire Safe • Vented Ball

740 PSI/51 Bar Non-Shock Cold Working Pressure

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607 FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175

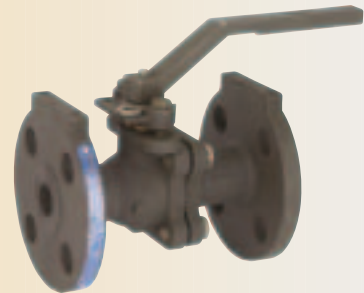


F-535-CS-F-66-FS (1/2"–12")

Split-Body, Full-Bore Design • Blowout-Proof Stem • 316 SS Trim • Multiple V-Ring Packing • Fire Safe • Vented Ball

740 PSI/51 Bar Non-Shock Cold Working Pressure◆

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607 FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175



Class 300 Stainless Steel Flanged Ball Valves

F-530-S6-R-66-FS (1/2"–10")

Unibody Design • Blowout-Proof Stem • 316 SS Trim • Fire Safe • Vented Ball

720 PSI/50 Bar Non-Shock Cold Working Pressure

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607 FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175



F-535-S6-F-66-FS (1/2"–12")

Split-Body, Full-Bore Design • Blowout-Proof Stem • 316 SS Trim • Multiple V-Ring Packing • Fire Safe • Vented Ball

720 PSI/50 Bar Non-Shock Cold Working Pressure

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607 FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175



Class 600 Carbon Steel Flanged Ball Valves

F-565-CS-N-66-FS (1"– 4")

Split-Body, Full-Bore Design • Blowout-Proof Stem • 316 SS Trim • Multiple V-Ring Packing • Fire Safe • Vented Ball

1480 PSI/102 Bar Non-Shock Cold Working Pressure

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607 FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175



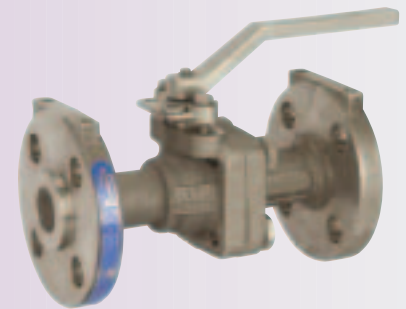
Class 600 Stainless Steel Flanged Ball Valves

F-565-S6-N-66-FS (1"– 4")

Split-Body, Full-Bore Design • Blowout-Proof Stem • 316 SS Trim • Multiple V-Ring Packing • Fire Safe • Vented Ball

1440 PSI/99 Bar Non-Shock Cold Working Pressure

CONFORMS TO ASME/ANSI B16.34, B16.5, MSS SP 72, API 607 FOURTH EDITION, API 608, API 598, MSS SP 25, NACE MR0175



Carbon & Stainless Ball Valve Figure Number Guide (To Be Used as a Guide Only)

Example: T-585-S6-R-66-LL

End Connection

F—Flanged
T—Threaded
K—Socket
TM—Threaded w/ Mount Pad
KM—Socket Weld w/ Mount Pad
BM—Butt Weld w/ Mount Pad

Valve Style

560 One Piece Cast
570 One Piece Bar Stock
580 Two Piece Bar or Cast
585 Two Piece Full Port
590 Three Piece Conv. Port
595 Three Piece Full Port
510 Class 150 Unibody
530 Class 300 Unibody
515 Class 150 Split Body Full Port
535 Class 300 Split Body Full Port
565 Class 600 Split Body Full Port

Body Material

CS—Carbon Steel
S6—Stainless Steel

Seat Material

R—Glass Reinforce TFE
F—Carbon Filled TFE

Trim Material

25—Carbon Steel
66—316 Stainless Steel

Options

FS—Fire Safe
GO—Gear Operated
LL—Locking Lever
OV—Oval Handle
OL—Oval Locking Handle

Information at the speed of



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