

PLEASE USE ALL DIGITS WHEN ORDERING.

NOTE: NOT ALL OPTIONS LISTED ARE COMPATIBLE OR AVAILABLE. CONSULT FACTORY FOR AVAILABILITY OF UNLISTED OPTIONS.

C	S	J	L	8	24	
BODY MATERIAL	TRIM MATERIAL	CLASS, PORT, ENDS	SEAT	SIZE (IN)	OPTIONS	MODEL REVISION (FACTORY ASSIGNED)
<p><b>CARBON STEEL CASTING</b> C - ASTM A216 GRADE WCB</p> <p>L - A352 LCC LOW-TEMP SERVICE</p> <p>P - A217 C12 CHROMIUM-MOLYBDENUM HIGH TEMP SERVICE</p> <p><b>STAINLESS STEEL CASTING</b> S - ASTM A351 GRADE CF8M (316 SS) A - A351 CN7M (ALLOY 20) B - A351 CF3M* (316L) G - A351 CG8M (317 SS) J - A995 CD3MN (2205 DUPLEX) K - A995 CD3MWCUN (2507 SUPER DUPLEX) R - A351 CN3MN (AL6XN* SUPER AUSTENITIC) W - A351 CK3MCUN (254 SMO)</p> <p><b>NICKEL BASED ALLOY CASTING</b> F - ASTM A494 GRADE CW6MC (INCONEL™ 625) H - A494 CW12MW (HASTELLOY® C) M - A494 M35-1 (MONEL®) N - A494 CZ100 (COMMERCIAL PURE NICKEL) Y - A494 N12MV (HASTELLOY® B-2)</p> <p><b>TITANIUM CASTING</b> T - ASTM B367 GR C3 (COMMERCIAL PURE TITANIUM)</p>	<p><b>STAINLESS STEEL</b> S - 316 SS</p> <p>A - ALLOY 20 B - 316L SS E - 410 SS J - 2205 DUPLEX SS K - 2507 SUPER DUPLEX SS R - AL6XN W - 254 SMO</p> <p><b>NICKEL BASED</b> F - INCONEL H - HASTELLOY C M - M35-1 (MONEL) D - HASTELLOY C STEM, M35-1 BALL N - NICKEL Y - HASTELLOY</p> <p><b>TITANIUM</b> T - TITANIUM</p>	<p><b>CLASS 150</b> <b>STANDARD PORT</b> B - FLANGED</p> <p><b>FULL PORT</b> E - FLANGED</p> <p><b>CLASS 300</b> <b>STANDARD PORT</b> C - FLANGED D - NPT G - NPT X SOCKET WELD N - SOCKET WELD P - BUTTWELD R - FLG X BUTTWELD S - RTJ FLANGES</p> <p><b>FULL PORT</b> 3 - BUTTWELD F - FLANGED L - NPT M - SOCKET WELD Y - NPT X SOCKET WELD</p> <p><b>CLASS 600</b> <b>STANDARD PORT</b> H - NPT J - SOCKET WELD K - FLANGED Q - NPT X SOCKET WELD W - BUTTWELD</p> <p><b>FULL PORT</b> 4 - NPT 6 - NPT X SOCKET WELD 7 - BUTTWELD T - SOCKET WELD U - FLANGED</p>	<p><b>MULTI-SEAL</b> L - MULTI-SEAL TFM, API-607 CERTIFIED (FIG 3) M - MULTI-SEAL (FIG 1)</p> <p><b>UHMWPE</b> 6 - UHMWPE (FIG 2) U - UHMWPE (FIG 1)</p> <p><b>GRAPHITE ("HARD" SEAT TIGHTNESS)</b> 4 - CARBON GRAPHITE, 750°F MAX. (FIG 1) H - HIGH TEMP GRAPHITE, 1000°F MAX. (FIG 1)</p> <p><b>PEEK ("HARD" SEAT TIGHTNESS)</b> 8 - PEEK (FIG 2) B - PEEK, 30% CARBON REINFORCED (FIG 2)</p> <p><b>CERAMIC ("HARD" SEAT TIGHTNESS)</b> 9 - CERAMIC (FIG 4)</p> <p><b>NYLON</b> N - NYLON</p> <p><b>ADDITIONAL SEATS</b> 5 - 55% BRONZE, 5% MOLY (FIG 2) C - PFA (FIG 2) D - SRPTFE, 60% SS, 40% TFE BY WEIGHT, 50% SS MIN (FIG 2) G - PCTFE (FIG 2) J - PFA, API-607 CERTIFIED (FIG 3)</p> <p><b>NOTE</b> FIGURE NUMBERS INDICATE SEAT DESIGN. SEE "SEAT DATA" SECTION IN TOP ENTRY VALVE CATALOG</p> <p>SEAT CODE ALSO DICTATES DEFAULT SEAL MATERIAL AND DEFAULT SUFFIX. SEE "MATERIALS" SECTION IN TOP ENTRY VALVE CATALOG</p> <p>PRESSURE-TEMPERATURE RATINGS ARE FOUND IN THE "PRESSURE-TEMPERATURE RATINGS" SECTION IN TOP ENTRY VALVE CATALOG</p>	<p>3 - 1/2" 4 - 3/4" 5 - 1" 7 - 1.5" 8 - 2" 0 - 3" A - 4" C - 6" E - 8" G - 10" H - 12"</p>	<p>-01 DEFAULT SUFFIX FOR "M" AND "G" SEATS -24- DEFAULT SUFFIX FOR 4, 5, 6, 8, 9, B, C, D, H, J, L, N, U SEATS OPTIONAL FEATURES MAY BE USED ALONE OR IN COMBINATION (SIMPLY ADD THE SUFFIXES TO THE PRODUCT NUMBER IN THE ORDER LISTED BELOW). NOTE: THE "-01" SUFFIX IS NOT USED IF THERE ARE ADDITIONAL SUFFIXES. NOTE: NOT ALL COMBINATIONS ARE AVAILABLE ON ALL VALVES.</p> <p>-04- 2.25" STEM EXTENSION -10- STAINLESS PIPE HANDLE (3" &amp; LARGER CARBON STEEL ONLY) -14- VENTED BODY DESIGN -15- WHEEL HANDLE, STAINLESS STEEL -24- GRAPHITE PACKING &amp; SPIRAL WOUND GRAPHITE GASKET--NOT ALWAYS FIRE SAFE -26- VENTED &amp; CLEANED FOR CHLORINE SERVICE (CS, HC, &amp; MO ONLY) -45- NO LEVER OR NUT -- BARE STEM -49- ASSEMBLED DRY -- NO LUBRICATION -57- OXYGEN CLEANED -67- CLEANED FOR INDUSTRIAL GASES -70- EXTENDED BONNET -73- TFE PACKING, SPIRAL WOUND SEALS - TFE FILLERS -76- LIVE-LOADED - VALVE WITH LEVER -77- LIVE-LOADED - VALVE WITH GEAR OR ACTUATOR -82- FLAT FACED FLANGES -90- DOUBLE PACKED EXTENDED BONNET -9P- DOUBLE PACKED EXTENDED BONNET WITH PORT -BB- TITANIUM &amp; GRAPHITE SPIRAL WOUND BONNET GASKET -BC- ASTM A193 GRADE B7 BOLTS -BT- TEFLON COATED ASTM A193 GRADE B7 FASTENERS -CB- CERAMIC BALL ONLY -CS- CERAMIC SEAT ONLY -DF- DELTA FERRITE REPORT (SS ONLY) -DP- DYE PENETRANT -EP- V-RING GRAPHITE PACKING -KB- KOLSTERISED BALL -MG- MANUAL GEAR OPERATOR -MH- MANUAL GEAR OPERATOR WITH LOCKOUT -MJ- MANUAL GEAR OPERATOR WITH OVERSIZE HANDWHEEL -MK- MANUAL GEAR OPERATOR WITH OVERSIZE HANDWHEEL &amp; LOCKOUT -MP- POSITIVE MATERIAL IDENTIFICATION -NC- NACE CERTIFIED (RC 22 MAX) -NO- TITANIUM BOLTS -PG- NO PLASTISOL GRIP ON LEVER (USED IN TOBACCO PLANTS) -RS- BLOW-OUT PROOF WELDED BALL STOP WITH SAFETY CAP -SR- SPRING RETURN -TC- HYDROSTATIC TEST WITH CERTIFIED REPORT -TD- TEST TO API 6D WITH CERTIFICATION -TM- MATERIAL TRACEABILITY -TR- HYDROSTATIC TEST WITH CERTIFICATION &amp; MTR -TW- HYDROSTATIC TEST WITH WITNESS &amp; CERTIFICATION</p> <p>BUTT } BUTT WELD VALVES INCLUDE A SUFFIX THAT SPECIFIES THE END PREPARATION WELD } E.G. SCHEDULE W1(SCH10), W4(SCH40), W8(SCH80), ETC...</p>	

**EXAMPLE:  
CSJL424A**

Carbon Steel Body  
316 SS Trim  
Class 600  
Standard Port  
Socket Weld Ends  
API-607, Multiseal Seat  
3/4"  
Spiral Wound Flexible  
Graphite Gasket  
Flexible Graphite Packing  
Model Revision = A

\* Flanged Valves Only - CF3M  
( ) Represents Close Wrought Equivalent

NOTE: This is a very limited list of the available options. Contact the factory for specific requirements and availability.