

## Ordering Information

To order, simply complete the valve order code from the information shown.

An ordering example is shown for your reference.

### Valve Style

Give valve style code as follows:

RCV = Rotary Control Valve

### Valve Size

Give size code as follows:

1 = 1" (25mm)	4 = 4" (100mm)
1.5 = 1.5" (40mm)	6 = 6" (150mm)
2 = 2" (50mm)	8 = 8" (200mm)
2.5 = 2.5" (65mm)	10 = 10" (250mm)
3 = 3" (80mm)	12 = 12" (300mm)

### End Connection

Give end connection code as follows:

#### Flangeless

W1S = Class 150  
ISA 75.04 and IEC 534-3-2F-F  
1-12" (25-300mm) valves

#### Flanged

F1S = Class 150  
ISA 75.04, and IEC 534-3-2F-F  
1-12" (25-300mm) valves

F2S = Class 300  
ISA 75.04, and IEC 534-3-2F-F  
1-12" (25-300mm) valves

F1A = Class 150  
ANSI B16.10, ISO 5752 and EN  
558-1 PN 10/16  
1-12" (25-300mm) excluding 2.5"  
(65mm) valve size (Long body)

### Body Material

Give body material code as follows:

S2 = 316 stainless steel (Class 300 only)  
S2 bodies must be ordered with S3 or S3S  
ball, S5 or S10 shaft, and S3 or S3S seat

S3 = 317 stainless steel (Class 150 only)  
S3 bodies must be ordered with S3 or S3S  
ball, S10 shaft and S3 or S3S seat

CS = Carbon Steel  
CS bodies must be ordered with S3 or  
S3S ball, S5 or S10 shaft, and S3 or S3S  
seat

HC = Hastelloy C  
HC body must be ordered with HC ball,  
HCC or TNC shaft, HC seat, and HC,  
HCVS or HCKS bearings.

TN = Titanium (1"-8" only except 2 1/2" & 5")  
TN body must be ordered with TN ball,  
TNC shaft,  
TN seat, and TN or TNKS bearings.

### Packing Material

Give packing material code as follows:

TC = PTFE chevron, 500° F (260° C)  
G2 = Braided carbon graphite, 1000° F (540° C)

Note: Limited by seat temperature rating.

### Trim Combination

Give plug, seat, trim size, shaft and bearing codes as follows:

#### Plug Material:

S3 = 317 SST, electroless nickel coated, 800° F (427° C)  
S3S = 317 SST with tungsten carbide overlay, 1000° F (538° C)  
HC = Hastelloy C, 800°F (427°C)  
TN = Titanium Tiodized, 800°F (427°C)

#### Seat Material:

S3 = 317 SST, electroless nickel coated, 800° F (427° C)  
S3S = 317 SST with tungsten carbide overlay, 1000° F (538° C)  
HC = Hastelloy C with Heat Treated Electroless Nickel overlay  
800°F (427°C)  
TN = Titanium Tiodized, 800°F (427°C)

#### Trim Size:

H = High capacity  
F = Full capacity  
.5 = Reduced capacity  
.2 = Reduced capacity

#### Shaft Material:

S10 = 2205 Duplex SST, 650°F (343°C)  
Standard Class 150. On ANSI 300 valves, refer to  
pressure ratings chart.

S5 = 17-4 pH SST. 800°F (427°C)  
Must be used on CL300 Sizes 2", 4", 6", 8" or 12"

TNC = Titanium, Ceramic Coated, 800°F (427°C)  
HCC = Hastelloy C Ceramic Coated, 800°F (427°C)

#### Bearing Material:

S9 = 440C Stainless Steel bearings, 800° F (427° C)  
S9VS = 440C Stainless Steel with PFA/Viton seal, 450° F (230° C)  
SL = Solid Stellite® alloy, 1000° F (540° C)  
SLVS = Solid Stellite® with PFA/Viton seal, 450° F (232° C)  
SLKS = Solid Stellite® with Kalrez® seal, 550° F (288° C)  
HC = Hastelloy C, 1000° F (540° C)  
HCVS = Hastelloy C with PFA/Viton seal, 450° F (232° C)  
HCKS = Hastelloy C with Kalrez® seal, 550° F (288° C)  
TN = Titanium, 800°F (427°C)  
TNKS = Titanium with Kalrez Seal, 550°F (288°C)

### Options

Give option codes as follows:

G1 = DIN 10 or BS4504/10 Drilling  
G2 = DIN 16 or BS4504/16 Drilling  
G3 = DIN 25 or BS4504/25 Drilling (F2S only)  
G4 = DIN 40 or BS4504/40 Drilling (F2S only)  
J1 = J1S 10 Flange Drilling (F1L or F1S only)  
J6 = J1S 16 Flange Drilling (F1L or F1S only)  
J2 = J1S 20 Flange Drilling (F2S only)

### Ordering Example:

RCV,4,F1S,S3,TC,S3-S3S-F-S10-S9 \*PR-R1A-PC4