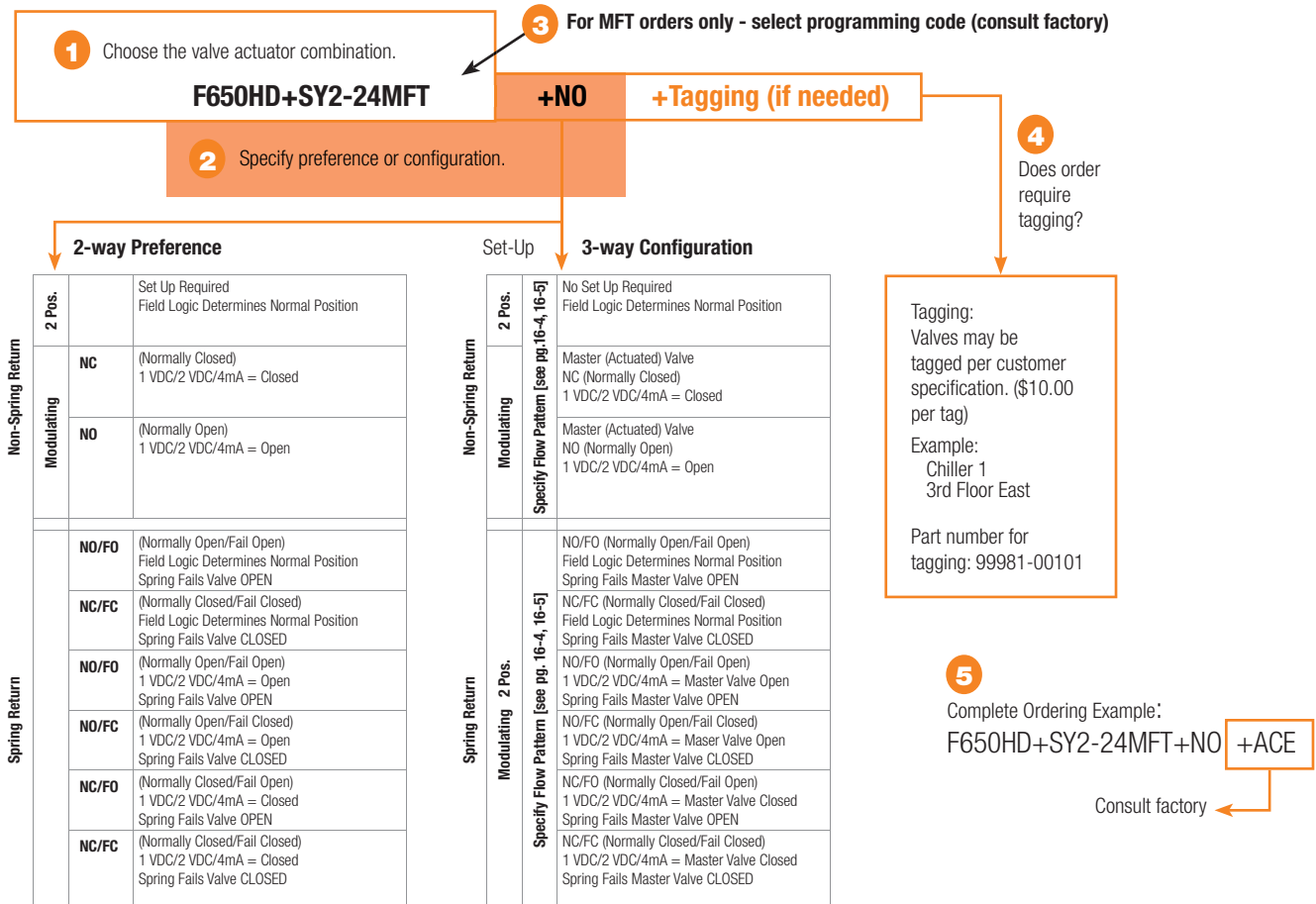


Butterfly Valve Nomenclature

F6	50	HD	SY2	-24	MFT	
Valve	Valve Size	Trim Material	Actuator Type	Power Supply	Control	
F6 = 2-way F7 = 3-way	50 = 2" 65 = 2½" 80 = 3" 100 = 4" 125 = 5" 150 = 6" 200 = 8" 250 = 10" 300 = 12" 350 = 14" 400 = 16" 450 = 18" 500 = 20" 600 = 24" 750 = 30"	HDU = Stainless Disc, Cast Ductile Iron Full Lug Body, EPDM Liner, Bubble Tight Close-Off to 50 psi HD = Stainless Disc, Cast Ductile Iron Full Lug Body, EPDM Liner, Bubble Tight Close-Off to 200 psi (2" to 12"), 150 psi (14"+) -150SHP = ANSI Class 150, Stainless Disc, Cast Steel Full Lug Body, RPTFE Seat, Bubble Tight Close-off up to 285 psi -300SHP = ANSI Class 150, Stainless Disc, Cast Steel Full Lug Body, RPTFE Seat, Bubble Tight Close-off up to 600 psi -VIC = Ductile Iron Grooved End Body, Nickel Coated Ductile Iron Disc, Bubble Tight Close-Off up to 300 psi	Non-Spring Return ARB(X) GRB(X) DR... N4 GR/GM... N4 GMB(X) SY Electronic Fail-Safe GK DKR...N4 Spring Return AF	-24 = 24 VAC/DC -110 = 110/120 VAC -120 = 120 VAC -230 = 230 VAC UP = 24-240 VAC or 24-125 VDC	Blank = On/Off -3-X1 = On/Off, Floating Point MFT or MFT-X1 = Multi-Function Technology	-S = Built-in Auxiliary Switch N4 = NEMA 4/4X N4H = NEMA 4 with heater

Ordering Example

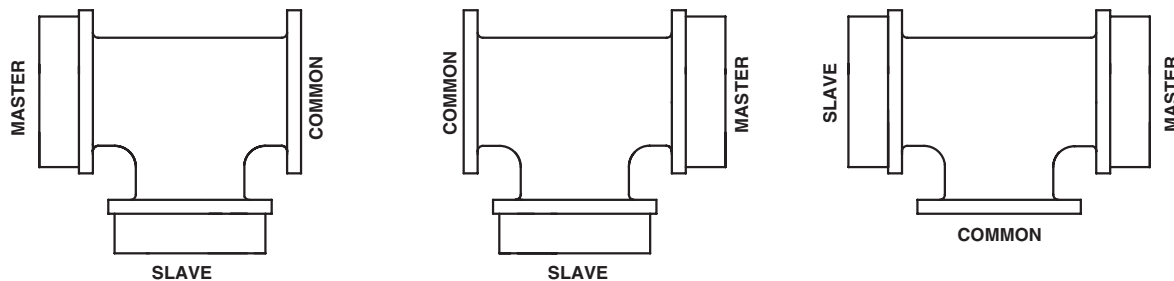


Butterfly Valve Selection

HDU/HD Series Valves, 3-way Configuration



D163_12



CONFIG CODE	ON/OFF OR MOD@2VDC MASTER VALVE IS	MASTER VALVE @ FAIL
X10	OPEN	FAIL IN PLACE
X11	OPEN	OPEN
X12	OPEN	CLOSED
X13	CLOSED	FAIL IN PLACE
X14	CLOSED	OPEN
X15	CLOSED	CLOSED

CONFIG CODE	ON/OFF OR MOD@2VDC MASTER VALVE IS	MASTER VALVE @ FAIL
X20	OPEN	FAIL IN PLACE
X21	OPEN	OPEN
X22	OPEN	CLOSED
X23	CLOSED	FAIL IN PLACE
X24	CLOSED	OPEN
X25	CLOSED	CLOSED

CONFIG CODE	ON/OFF OR MOD@2VDC MASTER VALVE IS	MASTER VALVE @ FAIL
X30	OPEN	FAIL IN PLACE
X31	OPEN	OPEN
X32	OPEN	CLOSED
X33	CLOSED	FAIL IN PLACE
X34	CLOSED	OPEN
X35	CLOSED	CLOSED

X Specifies Bi-Directional Flow Capability

Notes:

1. Slave Valve operates inversely of the Master Valve.
2. The Master Valve is always located on the run.
3. The Slave Valve may also have an actuator if required (Direct Coupled).
4. On/Off actuator normal position is a function of field logic.
5. Proportional actuator normal position is a function of the CCW/CW switch.
6. All 3-way assemblies are designed for 90 degree actuator rotation.