

# how to order

T 4 DBB / D / C / 4-900RF / 4-900RF / 75-900RF / CSL / CT / FB / FS / GO / NA / TN

## TWINSAFE

### BORE SIZE

1 = 1"	6 = 6"	14 = 14"
2 = 2"	8 = 8"	16 = 16"
3 = 3"	10 = 10"	18 = 18"
4 = 4"	12 = 12"	20 = 20"

### STYLE

DBB	=	Twinsafe Double Block & Bleed Valve
DB	=	Twinsafe Double Block
BB	=	Single Block & Bleed
BK	=	Block Valve
LGBK	=	Twinsafe Level Gauge Block Valve
LGDB	=	Twinsafe Level Gauge Double Block Valve
LGDBB	=	Twinsafe Level Gauge Double Block & Bleed Valve

### CONFIGURATION

A	=	Double Ball Block
D	=	2 Ball Isolates, Needle Vent
F	=	2 Ball Isolates, Ball Vent
G	=	Ball, Globe Isolate, Needle Vent
BN	=	Ball, Needle Vent
BB	=	Ball, Ball Vent

### MATERIAL SELECTION

C	=	ASTM A350 LF2 Carbon Steel Forged Bar	}	Forged
S	=	ASTM A182 F316 Stainless Steel Forged Bar		
D	=	ASTM A182 F51 Duplex Forged Bar		
SD	=	ASTM A182 F55 Super Duplex Forged Bar		
825	=	Incoloy 825 Forged Bar		
625	=	Inconel 625 Forged Bar	}	Cast
LCC	=	ASTM A352 LCC Cast Carbon Steel with Low Carbon		
CF8	=	ASTM A351 CF8M Cast 316 Stainless steel		
4A	=	ASTM A995 4A Cast Duplex		
6A	=	ASTM A995 6A Cast Super Duplex		
6MC	=	ASTM A494 CW-6MC Cast Inconel 625		
Other materials available upon request				

### INLET CONNECTION

FLANGE SIZE	FOLLOWED BY CLASS	FOLLOWED BY FLANGE TYPE
1 = 1"	10 = 10"	150 = 150lb
2 = 2"	12 = 12"	300 = 300lb
3 = 3"	14 = 14"	600 = 600lb
4 = 4"	16 = 16"	900 = 900lb
6 = 6"		1500 = 1500lb
8 = 8"		2500 = 2500lb
		RTJ = Ring Type Joint
		RF = Spiral Finish Raised Face

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### VENT CONNECTION

INTEGRAL VENT VALVE	WHERE A SEPARATE VENT VALVE IS SUPPLIED
Heavy Duty Head Unit	*Vent Valves - specify which "Oliver Valve" either single isolate, mono valve or double block and bleed valve/DBB mono required
25F = 1/4" NPT	Examples:
50F = 1/2" NPT	MONO / BK / BV / LF2 / Y / 75-900RF-50F
75F = 3/4" NPT	DBB / D / S / X / 10-1500RTJ / 50F / MONO / BK / 50-600RF / SSV11 / 50F / 50F

### OPTIONS (ALPHABETICALLY)

ACT = Actuated	FS = Firesafe	LT196 = -196°C cryogenic service
ATV = Anti-tamper vent valve	FSL = Flange Standard Length	MS-TC = Metal Seated Tungsten Carbide
BF = Blind Flange on Vent	GO = Gear Operated	MS-TC-Gas = Metal Seated Tungsten Carbide to Gas Tested
CF = Cavity Filler	HL = Handle Locking Lever and Gear Box Options	MS-CC = Metal Seated Chrome Carbide
COSL = Compact Oliver Standard Length	HT180 = High temperature 180°C	MS-S = Metal seated stellite
CSL = Compact Standard Length	HT315 = High temperature 315°C	NA = NACE Specification
CT = Carbon Steel Trim	HTB = Hybrid Trunnion ball valve	OSY = Outside Screw and Yoke design
DT = Duplex Trim	IL316 = 316 Weld inlay	PK = PEEK Seats
EXT = With GO and LO Options Handle Extensions	IL625 = 625 Weld inlay	RB = Reduced Bore
FB = Full Bore	LO = Lever Operated	SPS = Spring protection system
FL = Floating Ball Design	LT50 = -50°C low temperature service	SSI = Seat and stem injection
FOSL = Flange Oliver Standard Length	LT100 = -100°C low temperature service	ST = Stainless Steel Trim
		TN = Trunnion Ball Design



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