

Quick Reference Selection Table

The table below provides a brief overview of the most commonly specified valves. When ordering, be sure to specify all options including body, plug, and sleeve materials.

No. of Ports	Type*	ANSI Class	Size Range	Operator	Figure Number	Notes
2	Screwed End	150	1/2-2	Wrench	066	2-way Tufline Sleeved Plug Valves provide tight shutoff from high vacuum through rated pressure at temperatures from -20°F to 600°F
		300			0366	
	Flanged End	150	1/2-4		Enclosed Gear	
			4-24	067EG		
		300	1/2-4	Wrench	0367	
			4-24	Enclosed Gear	0367EG	
	Partial Jacket	150	1-4	Wrench	067PJ	Standard jacketed valves are available in carbon steel or 316 stainless steel. All jackets are rated at 235 psi at 400°F. Full jacketed valves have over-sized flanges.
			4-12	Enclosed Gear	067PJ-EG	
		300	1-4	Wrench	0367PJ	
			4-12	Enclosed Gear	0367PJ-EG	
	Full Jacket	150	2x1x2-6x4x6	Wrench	067FJ	
			6x4x6-12x10x12	Enclosed Gear	067FJ-EG	
300		2x1x2-6x4x6	Wrench	0367FJ		
		6x4x6-12x10x12	Enclosed Gear	0367FJ-EG		
3	Screwed End	150	1/2-2	Wrench	036	When ordering 3-way valves, be sure to include the port configuration. Refer to page 5.
		300	1/2-2		0336	
	Flanged End	150	1/2-4		Enclosed Gear	
			4-12	037EG		
		300	1/2-4	Wrench	0337	
			4-12	Enclosed Gear	0337EG	
	Partial Jacket	150	1-4	Wrench	037PJ	
			4-8	Enclosed Gear	037PJ-EG	
		300	1-4	Wrench	0337PJ	
			4-8	Enclosed Gear	0337PJ-EG	
4	Screwed End	150	1/2-2	Wrench	046	Bodies are available in carbon steel or 316 stainless steel. Standard pressure/temperature ratings apply, with the exception that pressure drop should not exceed 170 psi at 100°F when switching.
	Flanged End		1/2-4		047	
	Flanged End		6-12	Enclosed Gear	047-EG	
5	Screwed End	150	1/2-2	Wrench	056	
	Flanged End		1-4		057	

* Socket weld and butt weld end valve information is available in a separate catalog.

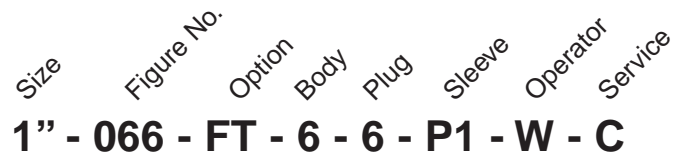
Materials

The following are ASTM designations for materials listed elsewhere in this catalog.

Carbon steel	ASTM A216 WCB
302 stainless steel	ASTM A240 Type 302
304 stainless steel	ASTM A240 Type 304
304 stainless steel	ASTM A351 CF8
304L stainless steel	ASTM A351 CF3
316 stainless steel	ASTM A351 CF8M
316L stainless steel	ASTM A351 CF3M
Alloy 20	ASTM A351 CN7M
Bronze	ASTM B61
CD4MCu	ASTM A351 CD4MCu
Ductile Iron	ASTM A395
Hastelloy B	ASTM A494 N7M
Hastelloy C	ASTM A494 CW6M
Inconel	ASTM A494 CY40
Nickel	ASTM A494 CZ-100
Monel	ASTM A494 M30-C
Ni-Al Bronze	ASTM B148 Gr.958
Titanium	ASTM B367 Gr. C-3
Zirconium	ASTM B752 Gr. 702

Other ferrous and non-ferrous materials are available upon application.

How to specify



Size & Figure No.

See Quick Reference Selection Table on the previous page

Options

Fire TestedFT
Tertiary Top SealTS
Cage ControlCCV
Extended PackingXP
Partial JacketPJ
Full JacketFJ
Port Arrangements for 3-Way valves (See page 6)	.A, AX, C, or D

Valve specifications may include multiple options.

Body

Alloy 200
Ductile Iron1
Carbon Steel2
Monel3
Nickel5
316SS6
Hastelloy B8
Hastelloy C9
CD4MCu27
Inconel40
Other (Specify)X

* Specify actuator type and available air supply.

** Consult your Xomox Sales Engineer for a wide variety of other available service options.

Service

ChlorineC
OxygenO
VacuumV
General ServiceBlank
Other**X

Operator

Less OperatorN
WrenchW
Wrench with locking deviceWY
GearG
Gear with locking deviceGZ
Actuator*A

Sleeve

PTFEP1
15% RPTFEP2
25% RPTFEP3
PFAP6
Xomox-7P7
UHMWPEP8
Tufline-475P16
Tufline-600P20
Other (Specify)PX

Plug

Alloy 200
Ductile Iron1
Carbon Steel2
Monel3
304SS4
Nickel5
316SS6
Hastelloy B8
Hastelloy C9
CD4MCu27
Inconel40
Other (Specify)X