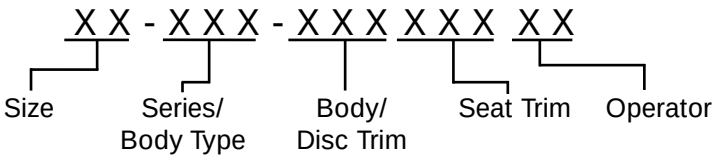
Numbering Guide for 300/342, 500/522, 600/622 & 899/892 Series



Series & Body Type

300 - Wafer Resilient Seat
342 - Lug Resilient Seat
500 - Wafer Resilient Seat
522 - Lug Resilient Seat
600 - Wafer Cartridge Seat
622 - Lug Cartridge Seat
899 - Wafer Resilient Seat Split Body Design
892 - Lug Resilient Seat Split Body Design

Seats Trim

See Seat Material Chart

Operators

H10 - 10 position Handle
H9 - SS 10 position Handle
H5 - 5 position Handle
GI - Gear Operator
LH - Lock Handle

Body & Disc Trim

340/342 Series
170 - Ductile Iron/Nylon 11/17-4 SS

500/522 Series
174 - (500)Aluminum/Ductile Iron
175 - (500)Aluminum/Bronze
182 - Ductile Iron/Ductile Iron
185 - Ductile Iron/Aluminum Bronze
822 - Ductile Iron/Stainless
828 - (500)Aluminum/Stainless

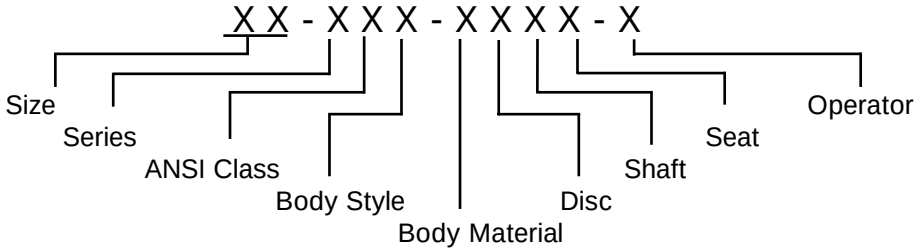
600/622 Series
163 - (600)Cast Iron/Aluminum Bronze
169 - Cast Iron/Nickel Plate Ductile
182 - Ductile Iron/Nickel Plate Ductile
185 - (622)Ductile Iron/Aluminum Bronze
822 - (622)Ductile Iron/Stainless
823 - (600)Cast Iron/Stainless

899/892 Series
434 - Ductile/Buna-N/255 SS
435 - SS/Buna-N/255 SS
437 - (899)Alum/Buna-N/255SS
495 - SS/EPDM/255 SS
497 - (899)Alum/EPDM/255SS
498 - Ductile/EPDM/255 SS
508 - Ductile/Teflon/255 SS
544 - Ductile/Viton/255 SS
545 - SS/Viton/255 SS
547 - Alum/Viton/255 SS
705 - SS/Teflon/255 SS
755 - SS/ - /SS
712 - Ductile /4140 Steel
788 - (899)Alum/Teflon/255 SS
822 - Ductile Iron/-/Stainless
828 - (899)Aluminum/-/Stainless

add "U" for undercut disc

Note: Specify for Silicone free assembly

Numbering Guide for High Seal Series



Series

G - (GTD) Standard
F - (FSD) Firesafe
M - (MTD) metal seated

ANSI Class

1 - 150
3 - 300
6 - 600

Body Style

W - Wafer
L - Lug

Body Material

C - Carbon
S - Stainless

Disc

C - Carbon
S - Stainless

Shaft

S - 316 Stainless

Seat

R - RTFE
S - 316 Stainless

Operator

H - Locklever Handle
G - Worm Gear
B - Bare Stem

Available Seat Materials for 340/342, 500/522 and 899/892 Series Butterfly Valves

SEALS	ALL SEASON NITRILE		EPDM		VITON®	CHLOROBUTYL	PTFE EPDM	PTFE BUNA-N	SILICONE
COMPOUND NUMBER	700	701	514	515	540	525	650	652	561
COMMON NAMES	Special formulation of nitrile for dry bulk and other abrasive services.		EPT EPR		Fluoro-elastomer	None	PTFE	PTFE (See EPDM)	None (See BUNA-N)
COLOR	Black	White	White	Black	Black	Black	Black/White PTFE Bonded to EPDM	Black/White PTFE Bonded to BUNA-N	White
CHEMICAL TYPE	Special Nitrile Blend		Ethylene Propylene Diene-monomer		Fluorinated Hydrocarbon	Chloro-Isobutylene Isoprene	Polytetrafluoroethylene	Polytetrafluoroethylene	Polysiloxane
TEMPERATURE RATING	-40°F to +300°F	-40°F to +300°F	-40°F to +250°F	-40°F to +250°F	0°F to +350°F	-40°F to +250°F	-20°F to +300°F	0°F to +250°F	-50°F to +350°F
GENERALLY SUITABLE FOR	Used for abrasion resistance approaching that of urethane. Resistant to extrusion at high pressures. Used in petroleum oils and water.		Less than 10% acids- inorganic and organic, alcohols, alkaline salts and solutions, dry bulk, water.		All aromatic, aliphatic and halogenated hydrocarbons.	Aqueous food applications, alcohols, alkaline salts, water.	For highly oxidizing acids (Nitric, Sulfuric), and alkalis.	For acids, hydrocarbons containing less than 40% aromatics.	Used primarily on high temperature applications usually hot air.
NOT SUITABLE			Not suitable for hydrocarbons		Not for ketones, esters or in combination with hot water and oil.	Not for vegetable, animal oils or animal fat, hydrocarbons, solvents & aromatics	Not for abrasive or hydrocarbon service	Not for abrasive service	Do not use in applications over 50 psi due to low physical and mechanical properties.

To be used only as a guide in selecting the most satisfactory combination of elastomers for resistance to various chemical solutions. It must be stressed that this information is offered only as a guide, and because of variables in actual service conditions, the accuracy of the ratings cannot be guaranteed. Actual service life can be determined only be the elastomers in actual service conditions.

This chart should be used as a GENERAL GUIDE for a particular group of compounds. It does not mean that the seat rating necessarily applies to every possible compound that could be classified in the group.

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