

Specifications for 2,3,4,5 & 6 Series



TYPE **ONE WAY SHUT-OFF** – Socket is valved, shutting off supply line at disconnect. Plug is unvalved, exhausting downstream line at disconnect. Install socket on pressure side of line.

INTERCHANGEABILITY Standard industrial interchange design, most widely used in industry. 3 and 5 Series Automatic water service comply with **A-A-59439** (formerly MIL-C-4109F).

OPERATION Manual, Automatic & Safety

WORKING PRESSURE 300 PSIG; Vacuum to 26"Hg (connected)

PERFORMANCE DATA	FLOW	AIR FLOW – CFM				WATER FLOW	
		100 PSIG		80 PSIG		GPM – 60 PSIG	
		PRESSURE DROP				PRESSURE DROP	
		10 PSIG	5 PSIG	10 PSIG	5 PSIG	10 PSIG	5 PSIG
	2 Series	16	12	14	11	1.8	1.2
	3 Series	36	26	33	24	3.7	2.5
	4 Series	68	50	62	45	6.8	5
	5 Series	118	90	107	82	11	8
	6 Series	190	135	172	122	22	16

FEATURES

MANUAL – Lowest cost, general purpose coupler • Positive locking mechanism • 65% more ball retention • Precision leakproof seal • Heavy steel sleeve.

AUTOMATIC – Long wearing pin type locking mechanism with greater plug contact • One piece sleeve with rear crimp • Precision leakproof seal • One hand operation.

SAFETY – 100% safety • Connect and disconnect at “0” pressure • Plug is securely locked before air is turned on • Downstream line is exhausted before plug is released, completely eliminating hose whip • Tested to 100,000 operations with no leakage • Special lubrication eliminates dry breakaway • Can be used as 3-Way on-off valve without disconnecting.

OPTIONS **BL** – Locks manual socket against accidental disconnect. To connect, align ball with slot. After connection, rotate sleeve to lock. To disconnect, realign ball with slot and retract sleeve. **TO ORDER, PREFIX BL TO SOCKET NUMBER.**



SL – Locks automatic socket against accidental disconnect. To connect, align ball with slot. After connection, rotate sleeve to lock. To disconnect, realign ball with slot and retract sleeve. Available FM 3,4,5 and 6 Series. **TO ORDER, CHANGE FM PREFIX TO SL.**



BALL CHECK PLUG – Eliminates hose whip at disconnect by checking the rapid flow of downstream exhaust air.

SWIVEL PLUGS – Free swivel under pressure. Eliminates hose twist on end drop applications such as blow guns, air tools, etc.

DIMENSIONAL DATA Full size layouts can be found on page 7.

APPLICATION & ORDERING INFORMATION

SERVICE	CONSTRUCTION	SEAL COMPOUND	TEMPERATURE	TO ORDER
AIR	Brass & Steel	Buna-N	-40° to +225°F	Cat. No.
WATER	Brass & S/S	Buna-N	+32° to +100°F	Suffix W
STEAM	Brass & S/S	Ethylene Propylene	-40° to +325°F	Suffix S
HEAT	Brass & Steel	Viton	-40° to +400°F	Suffix H
GREASE & OIL	Brass & Steel	Buna-N	-40° to +225°F	Cat. No.
VACUUM	Brass & Steel	Buna-N	-40° to +225°F	Cat. No.
LESS VALVE	Brass & Steel	Buna-N	-40° to +225°F	Suffix LV

Note: Temperatures shown are seal compatibility. Consult factory for operational characteristics. Sockets other than standard are color coded: **Water (Blue)**, **Steam (Black)**, and **Heat (Red)**