SINGLE CLAPPER SIAMESE THREADED & GROOVED OUTLET
MODEL LV-FDC-S – STRAIGHT

UL LISTED **FM APPROVED**
EX27681

LV-FDC-S- GROOVED OUTLET

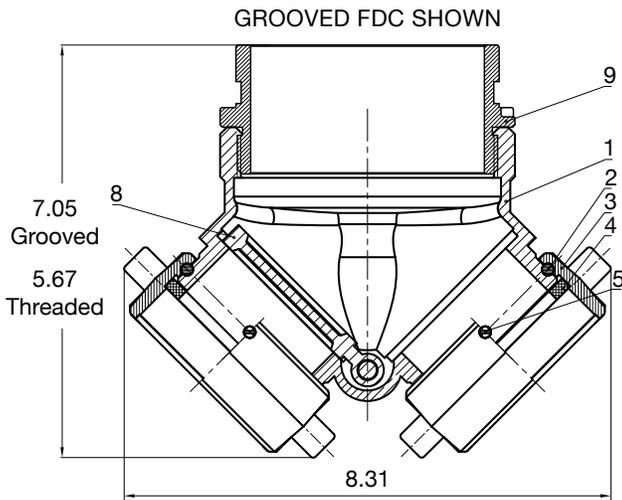**MODEL LV-FDC-S THREADED OUTLET**

DESCRIPTION:

- **Size:** 4"NPT Outlet or Grooved, (2) 2½ " Inlets
- **Type:** Straight Pattern
- **Material:** B16 Brass*
- **Finishes:** Rough Brass Polished Chrome
- Allows up to 500 GPM to supplement the system water supply for fire protection

The Grooved or Threaded Pattern Fire Department Connection is UL Listed and FM Approved. It is manufactured from brass* components to increase it's service life. The single clapper design features a brass clapper and brass seats within a cast brass body. The 2½" inlets are pin lug design for ease of use and compatibility with local fire service districts. Swivel gaskets are included. Breakable caps or plugs should be installed to protect the threads and prevent debris from being accidentally introduced into the water way.

INSTALLATION:

Installation of the Fire Department Connection is achieved with readily available job site tools. Prior to installation make sure the proper identification sign has been installed on the nipple. Coat male threads of 4" nipple liberally with a suitable pipe thread sealant such as Power Seal. Tighten FDC one full turn past hand tight. When installing the grooved FDC use a UL/FM Approved rigid coupling such as Gemlock's Style 5, 5A, 99 or 99-2 and follow the manufacturers installation instructions. Make sure FDC is aligned according to requirements.

*DO NOT OVER TIGHTEN. OVER TIGHTENING MAY CAUSE SEVERE STRETCHING AND POSSIBLE CRACKING OF THE OF THE FDC BODY.

GROOVED FDC SHOWN

7.05 Grooved
5.67 Threaded
8.31

MATERIAL LIST		
NUMBER	**DESCRIPTION**	**MATERIAL**
1	Body	Brass-C37700
2	Ball Bearing	Stainless Steel-Type 304
3	Coupling (2)	Brass-C37700
4	Sealing (2)	EPDM
5	Screw (2)	Stainless Steel-Type 304
6	Hinge Pin	Brass-C37700
7	O-Ring	EPDM
8	Clapper	Brass-C37700
9*	Slot Connection	Brass-C37700

*Grooved Outlet Only

PROJECT	APPROVAL STAMP
PROJECT:	☐ APPROVED
ADDRESS:	☐ APPROVED AS NOTED
ENGINEER:	☐ NOT APPROVED
SUBMITTAL DATA:	REMARKS:
NOTES 1:	
NOTES 2:	