

High Pressure Carbon Dioxide

Corner Pulley

Description

The corner pulley is required on a carbon dioxide system whenever a mechanical release pull cable run involves a change in direction. Corner pulleys are installed as part of the cable housing (pipe or conduit) and provide 90° direction changes with minimal force loss and no induced kinking.

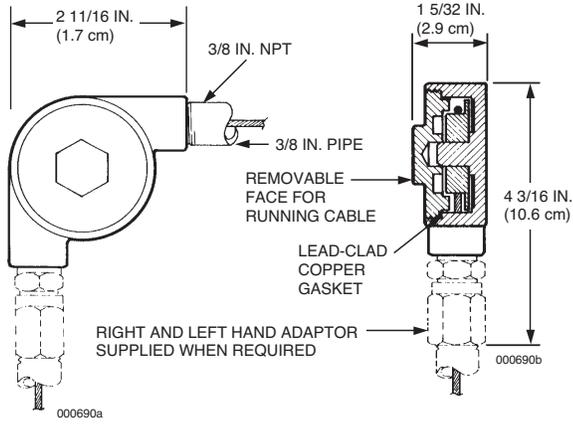
Two types of corner pulleys are available. One is made of die cast aluminum, has a ball bearing roller, and uses compression fittings for 1/2 in. EMT connections.

The second type is made of forged brass and is threaded for 3/8 in. NPT pipe. Two styles of forged brass corner pulleys are available: one with a brass wheel and one with a nylon wheel. Both styles of brass pulleys are watertight. The brass wheel corner pulley is designed for location inside or outside the protected space. The nylon wheel corner pulley is designed for location only outside the hazard space. Thread adaptors are available to simplify the installation.

Component	Material	Thread Size/Type	Approvals
▶ Corner Pulley	Body: Aluminum Roller: Stainless Steel	1/2 in. EMT	UL (EX-2968); Listed for use with FM Approved systems
▶ Corner Pulley	Body: Brass Wheel: Brass	3/8 in. NPT	UL (EX-2968); Listed for use with FM Approved systems
▶ Corner Pulley	Body: Brass Wheel: Nylon	3/8 in. NPT	UL (EX-2968); Listed for use with FM Approved systems

Shipping Assembly Part No.	Description
▶ 423250	Aluminum corner pulley
▶ 45515	Brass corner pulley (brass wheel) – water-tight
▶ 40696	Thread adaptor – Right/left hand (brass pulley only)
▶ 42678	Brass corner pulley (nylon wheel) – water-tight

**Forged Brass Watertight Corner Pulley, Sheave Type,
Part No. 45515 (Brass Wheel) or
Part No. 42678 (Nylon Wheel)**



Corner Pulley For 1/2" EMT, Part No. 423250

