Parker Product Datasheet



The Global 56 metric series replaces the 55/58 metric series. It is shorter, more compact, and is 20% lighter than comparable fittings.

PART NUMBER: 1CF56-18-10
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
SHAPE: Elbow 90°
BODY MATERIAL: Steel
CONNECTION 2 SIZE: M26x1.5
CONNECTION 1 HOSE INSIDE DIAMETER: 5/8' (I.D.)

PRODUCT OVERVIEW

The new and improved Global 56 Series consolidates the 55 Series and the 58 Series into one. The 56 Series is shorter and more compact than the 55/58 Series Fittings, allowing for a system weight reduction of up to 20% and easier routing of assemblies during installation in tight, condensed spaces. In addition, the crimping process for the 56 Series is simpler, faster and safer since the sleeve is crimped at full length; therefore, no marking is necessary. Check crimpsource for the most up-to-date die and crimping recommendations. http://www.parker.com/crimpsource

Markets:

- Industrial
- Mobile Equipment
- Transportation

Features/Benefits:

• Consolidation of two series into one (55 and 58 = 56), thus reducing the customer inventory

• Shorter and more compact than 55/58 Series for easier routing of assemblies in tight installation areas; short length may allow use of hose routing to replace current elbow fittings

• Full length crimp of the sleeve (no marking of crimp length needed); therefore easier, safer and faster crimping in comparison to 55 Series

• Weight reduction up to 20%

• Global part numbering with metric & inch hex and end connections to allow for global availability

• Current 55 Series dies are qualified and can be used with the 56

Applications:

• Medium pressure hydraulic applications

• Agricultural equipment

• Construction

• Lubricating oils

• Material Handling equipment

• Machine tools

• Waste and refuse trucks

• Utility equipment

TECH SPECIFICATIONS

DROP LENGTH	51.5 mm (see drawing legend E)
TECHNOLOGY	Fluid & Gas Handling
CONFIGURATION	Hose to Port

CONNECTION 1 SIZE	5/8 inch Hose I.D.
APPLICATION	Agriculture Equipment
BODY MATERIAL	Steel
APPLICATION	Medium Pressure Hydraulics
APPLICATION	Material Handling
PORT TYPE	DKOL
CONNECTION 1 SIZE	15.9 mm Hose I.D.
PRODUCT TYPE	Hose Fittings
FITTING LENGTH	87.7 mm (see drawing legend A)
SHAPE	Elbow 90°
APPLICATION	Machine Tools
DIVISION	Polymer Hose Division Europe
FOR FLUID TYPE	Chemicals
CONNECTION 2 SIZE	M26x1.5 mm Thread
CONNECTION LENGTH	45.4 mm (see drawing legend B)
APPLICATION	Construction Equipment
SPECIFICATIONS MET	ISO 12151-2-SWE-L
FOR FLUID TYPE	Water
FOR FLUID TYPE	Hydraulic Fluids
MAXIMUM OPERATING PRESSURE	315 bar
CONNECTION 2 TYPE	24° Cone (with O-Ring)
CONNECTION 2 TYPE	Female
INDUSTRY	Industrial Manufacturing Equipment
FOR FLUID TYPE	Oil
MAXIMUM OPERATING PRESSURE	31.5 MPa
CONNECTION 2 TYPE	Metric L
CONNECTION 1 TYPE	Hose

BRAND	Parker
INDUSTRY	Transportation
COATING	Chromium 6 Free-plated
CONNECTION 2 TYPE	Swivel
INDUSTRY	Off-road Machinery
FOR FLUID TYPE	Air
HEX SIZE	32 mm (see drawing legend J)
CONNECTION 1 SIZE	-10 (Size)
DIVISION	Polymer Hose Division Europe