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: 1CF56-10-5
CONNECTION 1 HOSE INSIDE DIAMETER: 5/16' (I.D.)
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
BODY MATERIAL: Steel
CONNECTION 2 SIZE: M16x1.5
SHAPE: Elbow 90°

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

INDUSTRY	Industrial Manufacturing Equipment
DROP LENGTH	29 mm (see drawing legend E)
FOR FLUID TYPE	Air

CONNECTION 1 SIZE	5/16 inch Hose I.D.
HEX SIZE	19 mm (see drawing legend J)
CONNECTION 2 TYPE	Swivel
CONNECTION 1 SIZE	7.9 mm Hose I.D.
CONNECTION 2 TYPE	Female
DIVISION	Polymer Hose Division Europe
FITTING LENGTH	66 mm (see drawing legend A)
DISCLAIMER	The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The u
CONNECTION 2 TYPE	Metric L
COATING	Chromium 6 Free-plated
CONNECTION 2 SIZE	M16x1.5 mm Thread
SHAPE	Elbow 90°
PRODUCT TYPE	Hose Fittings
CONFIGURATION	Hose to Port
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Machine Tools
CONNECTION 1 TYPE	Hose
APPLICATION	Material Handling
PORT TYPE	DKOL
SPECIFICATIONS MET	ISO 12151-2-SWE-L
MAXIMUM OPERATING PRESSURE	400 bar
INDUSTRY	Transportation
APPLICATION	Medium Pressure Hydraulics
DIVISION	Polymer Hose Division Europe

CONNECTION 2 TYPE	24° Cone (with O-Ring)
MAXIMUM OPERATING PRESSURE	40.0 MPa
INDUSTRY	Off-road Machinery
APPLICATION	Agriculture Equipment
BODY MATERIAL	Steel
FOR FLUID TYPE	Oil
BRAND	Parker
APPLICATION	Construction Equipment
CONNECTION 1 SIZE	-5 (Size)
CONNECTION LENGTH	40 mm (see drawing legend B)
FOR FLUID TYPE	Water
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Hydraulic Fluids