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: 1CA56-12-5
SHAPE: Straight
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: M18x1.5

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

FITTING LENGTH	47.9 mm (see drawing legend A)
MAXIMUM OPERATING PRESSURE	350 bar
CONNECTION 2 TYPE	Female

INDUSTRY	Transportation
TECHNOLOGY	Fluid & Gas Handling
COATING	Chromium 6 Free-plated
APPLICATION	Material Handling
DIVISION	Polymer Hose Division Europe
TUBE OUTSIDE DIAMETER	12 mm
CONNECTION 1 TYPE	Hose
APPLICATION	Medium Pressure Hydraulics
PRODUCT TYPE	Hose Fittings
SPECIFICATIONS MET	ISO 12151-2-SWS-L
CONNECTION 2 SIZE	M18x1.5 mm Thread
CONNECTION 2 TYPE	Metric L
INDUSTRY	Off-road Machinery
HEX SIZE	22 mm (see drawing legend J)
BRAND	Parker
APPLICATION	Agriculture Equipment
APPLICATION	Machine Tools
CONNECTION LENGTH	22.1 mm (see drawing legend B)
MAXIMUM OPERATING PRESSURE	35.0 MPa
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	Swivel
PORT TYPE	DKOL
CONFIGURATION	Hose to Port
SHAPE	Straight

APPLICATION	Construction Equipment
BODY MATERIAL	Steel
FOR FLUID TYPE	Air
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 1 SIZE	-5 (Size)
CONNECTION 2 TYPE	24° Cone (with O-Ring)
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Water
FOR FLUID TYPE	Oil
CONNECTION 1 SIZE	5/16 inch Hose I.D.
DIVISION	Polymer Hose Division Europe
CONNECTION 1 SIZE	7.9 mm Hose I.D.