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: 1CA56-10-6
SHAPE: Straight
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
CONNECTION 1 HOSE INSIDE DIAMETER: 3/8' (I.D.)
BODY MATERIAL: Steel
CONNECTION 2 SIZE: M16x1.5
CORE PRODUCT: in EMEA

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

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
INDUSTRY	Off-road Machinery
PRODUCT TYPE	Hose Fittings
FITTING LENGTH	47.6 mm (see drawing legend A)
BRAND	Parker
APPLICATION	Construction Equipment
MAXIMUM OPERATING PRESSURE	40.0 MPa
FOR FLUID TYPE	Hydraulic Fluids
CONNECTION 2 TYPE	24° Cone (with O-Ring)
FOR FLUID TYPE	Oil
HEX SIZE	19 mm (see drawing legend J)
INDUSTRY	Transportation
SHAPE	Straight
APPLICATION	Machine Tools
CONNECTION 2 TYPE	Female
INDUSTRY	Industrial Manufacturing Equipment
CONFIGURATION	Hose to Port
TECHNOLOGY	Fluid & Gas Handling
FOR FLUID TYPE	Water
CONNECTION 1 TYPE	Hose
APPLICATION	Medium Pressure Hydraulics
APPLICATION	Material Handling
FOR FLUID TYPE	Air
CONNECTION 2 TYPE	Metric L
CONNECTION 1 SIZE	-6 (Size)
FOR FLUID TYPE	Chemicals

TUBE OUTSIDE DIAMETER	10 mm
COATING	Chromium 6 Free-plated
APPLICATION	Agriculture Equipment
CONNECTION 2 TYPE	Swivel
CONNECTION 2 SIZE	M16x1.5 mm Thread
CONNECTION 1 SIZE	9.5 mm Hose I.D.
MAXIMUM OPERATING PRESSURE	400 bar
CONNECTION 1 SIZE	3/8 inch Hose I.D.
CONNECTION LENGTH	22.4 mm (see drawing legend B)
DIVISION	Polymer Hose Division Europe
BODY MATERIAL	Steel
SPECIFICATIONS MET	ISO 12151-2-SWS-L
DIVISION	Polymer Hose Division Europe
PORT TYPE	DKOL