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: 1C356-8-4
SHAPE: Straight
CONNECTION 2 SIZE: M14x1.5
BODY MATERIAL: Steel
CONNECTION 1 HOSE INSIDE DIAMETER: 1/4' (I.D.)
CONNECTION 2 TYPE: Female Metric L - Swivel (Ball Nose)

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

HEX SIZE	17 mm (see drawing legend J)
MAXIMUM OPERATING PRESSURE	250 bar
MAXIMUM OPERATING PRESSURE	25.0 MPa

DIVISION	Polymer Hose Division Europe
FOR FLUID TYPE	Hydraulic Fluids
CONNECTION 2 TYPE	24°/ 60° Cone
FITTING LENGTH	44.1 mm (see drawing legend A)
CONNECTION 2 TYPE	Swivel
COATING	Chromium 6 Free-plated
CONNECTION 2 SIZE	M14x1.5 mm Thread
FOR FLUID TYPE	Water
CONNECTION 2 TYPE	Female
SHAPE	Straight
PRODUCT TYPE	Hose Fittings
FOR FLUID TYPE	Chemicals
TUBE OUTSIDE DIAMETER	8 mm
TECHNOLOGY	Fluid & Gas Handling
INDUSTRY	Industrial Manufacturing Equipment
CONFIGURATION	Hose to Port
FOR FLUID TYPE	Oil
CONNECTION 2 TYPE	Metric L
HEX SIZE 1	17 mm (see drawing legend J)
APPLICATION	Machine Tools
CONNECTION 1 TYPE	Hose
APPLICATION	Material Handling
PORT TYPE	DKR
SPECIFICATIONS MET	BS 5200-E
CONNECTION 1 SIZE	1/4 inch Hose I.D.
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	Transportation
APPLICATION	Medium Pressure Hydraulics
DIVISION	Polymer Hose Division Europe
FOR FLUID TYPE	Air
INDUSTRY	Off-road Machinery
APPLICATION	Agriculture Equipment
BODY MATERIAL	Steel
CONNECTION 1 SIZE	6.4 mm Hose I.D.
BRAND	Parker
APPLICATION	Construction Equipment
CONNECTION 1 SIZE	-4 (Size)
CONNECTION LENGTH	19.6 mm (see drawing legend B)