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: 10656-6-6-SM
SHAPE: Straight
CONNECTION 2 SIZE: 9/16'-18 UNF
BODY MATERIAL: Steel
CONNECTION 2 TYPE: Female JIC 37° - Swivel
CONNECTION 1 HOSE INSIDE DIAMETER: 3/8' (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

COATING	Chromium 6 Free-plated
APPLICATION	Material Handling
FOR FLUID TYPE	Chemicals

FOR FLUID TYPE	Oil
PRODUCT TYPE	Hose Fittings
HEX SIZE 1	19 mm (see drawing legend J)
CONNECTION 1 TYPE	Hose
CONNECTION 2 TYPE	Female
FOR FLUID TYPE	Hydraulic Fluids
DIVISION	Polymer Hose Division Europe
APPLICATION	Construction Equipment
CONFIGURATION	Hose to Port
FOR FLUID TYPE	Air
APPLICATION	Machine Tools
HEX SIZE 2	14 mm (see drawing legend H)
BRAND	Parker
CONNECTION 2 TYPE	JIC 37°
FOR FLUID TYPE	Water
SPECIFICATIONS MET	ISO 12151-5-SWS
PORT TYPE	DKJ
SHAPE	Straight
CONNECTION 2 TYPE	Swivel
DIVISION	Polymer Hose Division Europe
CONNECTION 2 SIZE	9/16'-18 inch Thread
APPLICATION	Agriculture Equipment
INDUSTRY	Off-road Machinery
CONNECTION 1 SIZE	3/8 inch Hose I.D.
CONNECTION LENGTH	30 mm (see drawing legend B)
CONNECTION 1 SIZE	-6 (Size)
INDUSTRY	Industrial Manufacturing Equipment

BODY MATERIAL	Steel
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Medium Pressure Hydraulics
INDUSTRY	Transportation
CONNECTION 1 SIZE	9.5 mm Hose I.D.
FITTING LENGTH	56 mm (see drawing legend A)
MAXIMUM OPERATING PRESSURE	350 bar
MAXIMUM OPERATING PRESSURE	35.0 MPa
TUBE OUTSIDE DIAMETER	6 mm