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: 10656-8-6-SM
SHAPE: Straight
CONNECTION 2 SIZE: 3/4'-16 UNF
CORE PRODUCT: in EMEA
CONNECTION 1 HOSE INSIDE DIAMETER: 3/8' (I.D.)
BODY MATERIAL: Steel
CONNECTION 2 TYPE: Female JIC 37° - Swivel

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

MAXIMUM OPERATING PRESSURE	35.0 MPa
CONNECTION 2 TYPE	JIC 37°

APPLICATION	Construction Equipment
BRAND	Parker
SHAPE	Straight
HEX SIZE 2	14 mm (see drawing legend H)
INDUSTRY	Off-road Machinery
APPLICATION	Agriculture Equipment
CONNECTION 2 TYPE	Swivel
APPLICATION	Material Handling
CONNECTION 1 TYPE	Hose
CONNECTION 2 TYPE	Female
APPLICATION	Medium Pressure Hydraulics
INDUSTRY	Industrial Manufacturing Equipment
PRODUCT TYPE	Hose Fittings
COATING	Chromium 6 Free-plated
FITTING LENGTH	59 mm (see drawing legend A)
MAXIMUM OPERATING PRESSURE	350 bar
HEX SIZE 1	22 mm (see drawing legend J)
INDUSTRY	Transportation
TUBE OUTSIDE DIAMETER	8 mm
FOR FLUID TYPE	Air
APPLICATION	Machine Tools
CONFIGURATION	Hose to Port
CONNECTION LENGTH	33 mm (see drawing legend B)
FOR FLUID TYPE	Oil
FOR FLUID TYPE	Chemicals
BODY MATERIAL	Steel
DIVISION	Polymer Hose Division Europe

FOR FLUID TYPE	Water
SPECIFICATIONS MET	ISO 12151-5-SWS
FOR FLUID TYPE	Hydraulic Fluids
DIVISION	Polymer Hose Division Europe
CONNECTION 1 SIZE	9.5 mm Hose I.D.
CONNECTION 2 SIZE	3/4'-16 inch Thread
CONNECTION 1 SIZE	-6 (Size)
PORT TYPE	DKJ
CONNECTION 1 SIZE	3/8 inch Hose I.D.
TECHNOLOGY	Fluid & Gas Handling