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: 13956-4-4-SM
CONNECTION 2 SIZE: 7/16'-20 UNF
SHAPE: Elbow 90°
BODY MATERIAL: Steel
CONNECTION 1 HOSE INSIDE DIAMETER: 1/4' (I.D.)
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

CONNECTION 1 SIZE	1/4 inch Hose I.D.
TUBE OUTSIDE DIAMETER	4 mm
BODY MATERIAL	Steel

CONNECTION LENGTH	26.5 mm (see drawing legend B)
CONNECTION 1 SIZE	6.4 mm Hose I.D.
HEX SIZE	17 mm (see drawing legend J)
DROP LENGTH	21 mm (see drawing legend E)
SPECIFICATIONS MET	ISO 12151-5-SWES
DIVISION	Polymer Hose Division Europe
FITTING LENGTH	51 mm (see drawing legend A)
FOR FLUID TYPE	Air
CONNECTION 2 TYPE	Swivel
PORT TYPE	DKJ
CONNECTION 2 TYPE	JIC 37°
INDUSTRY	Off-road Machinery
CONNECTION 2 SIZE	7/16'-20 inch Thread
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 1 SIZE	-4 (Size)
CONNECTION 2 TYPE	Female
INDUSTRY	Transportation
TECHNOLOGY	Fluid & Gas Handling
DIVISION	Polymer Hose Division Europe
FOR FLUID TYPE	Oil
MAXIMUM OPERATING PRESSURE	410 bar
COATING	Chromium 6 Free-plated
APPLICATION	Material Handling
BRAND	Parker
APPLICATION	Agriculture Equipment
APPLICATION	Machine Tools
FOR FLUID TYPE	Hydraulic Fluids

CONNECTION 1 TYPE	Hose
APPLICATION	Medium Pressure Hydraulics
PRODUCT TYPE	Hose Fittings
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Water
MAXIMUM OPERATING PRESSURE	41.0 MPa
CONFIGURATION	Hose to Port
SHAPE	Elbow 90° Short Drop
APPLICATION	Construction Equipment