

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: 1CF56-6-4

SHAPE: Elbow 90°

BODY MATERIAL: Steel

CONNECTION 1 HOSE INSIDE DIAMETER: 1/4" (I.D.)

CONNECTION 2 SIZE: M12x1.5

CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)

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

APPLICATION

Medium Pressure Hydraulics

PRODUCT TYPE

Hose Fittings

FITTING LENGTH	53 mm (see drawing legend A)
MAXIMUM OPERATING PRESSURE	315 bar
CONNECTION LENGTH	28 mm (see drawing legend B)
APPLICATION	Construction Equipment
CONNECTION 2 SIZE	M12x1.5 mm Thread
PORT TYPE	DKOL
SPECIFICATIONS MET	ISO 12151-2-SWE-L
APPLICATION	Material Handling
TECHNOLOGY	Fluid & Gas Handling
BODY MATERIAL	Steel
APPLICATION	Agriculture Equipment
APPLICATION	Machine Tools
MAXIMUM OPERATING PRESSURE	31.5 MPa
SHAPE	Elbow 90°
DIVISION	Polymer Hose Division Europe
FOR FLUID TYPE	Water
BRAND	Parker
CONNECTION 2 TYPE	Swivel
CONNECTION 2 TYPE	24° Cone (with O-Ring)
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Oil
CONFIGURATION	Hose to Port
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

FOR FLUID TYPE	Air
COATING	Chromium 6 Free-plated
INDUSTRY	Transportation
CONNECTION 2 TYPE	Female
CONNECTION 1 SIZE	6.4 mm Hose I.D.
INDUSTRY	Off-road Machinery
CONNECTION 2 TYPE	Metric L
CONNECTION 1 SIZE	1/4 inch Hose I.D.
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 1 TYPE	Hose
DROP LENGTH	33.2 mm (see drawing legend E)
HEX SIZE	14 mm (see drawing legend J)
CONNECTION 1 SIZE	-4 (Size)
DIVISION	Polymer Hose Division Europe