

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: 11C56-12-6
CONNECTION 1 HOSE INSIDE DIAMETER: 3/8" (I.D.)
BODY MATERIAL: Steel
CONNECTION 2 TYPE: Female Metric S - Swivel (24° Cone with O-Ring)
CONNECTION 2 SIZE: M20x1.5
SHAPE: Elbow 90°

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 630 bar

CONNECTION 2 TYPE 24° Cone (with O-Ring)

FOR FLUID TYPE Oil

CONNECTION 1 SIZE	9.5 mm Hose I.D.
BODY MATERIAL	Steel
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Medium Pressure Hydraulics
INDUSTRY	Transportation
SPECIFICATIONS MET	ISO 12151-2-SWE-S
PORT TYPE	DKOS
SHAPE	Elbow 90°
CONNECTION 2 TYPE	Swivel
CONNECTION LENGTH	38 mm (see drawing legend B)
CONNECTION 1 SIZE	-6 (Size)
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 1 SIZE	3/8 inch Hose I.D.
DIVISION	Polymer Hose Division Europe
CONNECTION 2 SIZE	M20x1.5 mm Thread
APPLICATION	Agriculture Equipment
INDUSTRY	Off-road Machinery
APPLICATION	Construction Equipment
CONFIGURATION	Hose to Port
CONNECTION 2 TYPE	Female
APPLICATION	Machine Tools
BRAND	Parker
DROP LENGTH	37 mm (see drawing legend E)
FOR FLUID TYPE	Water
FOR FLUID TYPE	Chemicals
APPLICATION	Material Handling
COATING	Chromium 6 Free-plated

CONNECTION 2 TYPE	Metric S
FOR FLUID TYPE	Hydraulic Fluids
PRODUCT TYPE	Hose Fittings
CONNECTION 1 TYPE	Hose
FOR FLUID TYPE	Air
TUBE OUTSIDE DIAMETER	12 mm
MAXIMUM OPERATING PRESSURE	63.0 MPa
HEX SIZE	24 mm (see drawing legend J)
FITTING LENGTH	63 mm (see drawing legend A)
DIVISION	Polymer Hose Division Europe