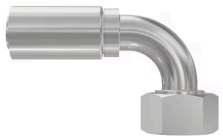
Parker Product Datasheet



Parker’s 77 Series high-pressure hydraulic hose fittings deliver high performance, quick assembly and the design flexibility of more than 500 configurations.

PART NUMBER: 11C77-25-16C
PORT SIZE: M36
SHAPE: Elbow 90°
HOSE INSIDE DIAMETER: -16
CONNECTION 2 TYPE: Female Metric S - Swivel (24° Cone with O-Ring)
BODY MATERIAL: Stainless Steel

PRODUCT OVERVIEW

Crimp-style 77 Series hydraulic hose fittings from Parker Hannifin are cost-effective, permanent, bite-the-wire-style fittings for high-pressure applications. Designed for use with Parkrimp crimpers, 77 series fittings require less push-on force and are easy to assemble. Their compact, one-piece construction delivers better value, flow, and reduced heat and pressure loss, as well as reduced complexity. Compatible with a wide range of constant working pressure hoses, 77 Series fittings are engineered for efficiency, safety, and performance. When paired with Parker’s No-Skive hose, 77 Series fittings can be assembled without removing the outer hose cover. Available in multiple materials and a wide assortment of end configurations, 77 series fittings are offered in sizes from ¼ inch to 2 inches.

Markets:
• Military
• Construction
• Forestry

• Oil Field Service
• Industrial
• Mining

Features/Benefits:
• Metric hex
• Easy push on force
• Multiple materials available, such as steel and stainless steel
• Wide range of end configurations
• One piece reduces complexity and leakage path
• No-Skive technology offers easy, efficient, and safe production processes

Applications:
• Petroleum base hydraulic fluids and lubricating oils

Compatible Hoses:
• 387 (-20 through -32 only)
• 487 (-20 through -32 only)
• 787 (-8 through -32 only)
• 797 (-8 through -32 only)

TECH SPECIFICATIONS

MAXIMUM OPERATING PRESSURE	400 bar
CONNECTION 2 TYPE	24° Cone (with O-Ring)
CONFIGURATION	Hose to Port
CONNECTION 1 TYPE	Hose
SPECIFICATIONS MET	ISO 12151-2-SWE-S
CONNECTION 1 SIZE	25.4 mm
BODY MATERIAL	Stainless Steel
CONNECTION LENGTH	77 mm (see drawing legend B)
CONNECTION 2 TYPE	Female
HEX SIZE	46 mm (see drawing legend W)
TECHNOLOGY	Fluid & Gas Handling

CONNECTION 2 TYPE	Metric S
CONNECTION 1 SIZE	1 inch
DIVISION	Polymer Hose Division Europe
CONNECTION 1 SIZE	-16 (Size)
FITTING LENGTH	131 mm (see drawing legend A)
PORT TYPE	DKOS
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
PRODUCT TYPE	Crimp Fittings No-Skive
APPLICATION	Petroleum Base Hydraulic Fluids
SHAPE	Elbow 90°
CONNECTION 2 SIZE	M36x2.0 mm Thread
DIVISION	Polymer Hose Division Europe
CONNECTION 2 TYPE	Swivel
DROP LENGTH	69 mm (see drawing legend E)
APPLICATION	Lubricating Oils
MAXIMUM OPERATING PRESSURE	40.0 MPa
BRAND	Parker
INDUSTRY	Industrial Manufacturing Equipment
FOR FLUID TYPE	Lubricants (Oils)
INDUSTRY	Off-road Machinery