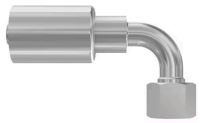
Parker Product Datasheet



High Pressure No-Skive fitting 70 series for High Pressure No-Skive three wire braided Compact and Multispiral hydraulic hoses.

PART NUMBER: 11C70-25-16
SHAPE: Elbow 90°
HOSE INSIDE DIAMETER: -16
PORT SIZE: 25 mm
CONNECTION 2 TYPE: Female Metric S - Swivel (24° Cone with O-Ring)
PORT TYPE: DKOS

PRODUCT OVERVIEW

Parker's Parkrimp No-Skive high pressure fittings 70 series are permanent, crimp style hydraulic fittings that allow a quick assembly with our family of Parkrimp crimpers. Assembly of No-Skive hose and fittings does not require removal of the outer cover of the hose. This eliminates premature hydraulic hose failure caused by skiving too long or short. 70 series fittings have chromium-6-free plating and are used with Parker No Skive Compact 3-wire braid hydraulic hoses and No Skive four wire multispiral hydraulic hose.
Parker Hannifin also meets the requirements of SAE J1273 and ISO 17165-2, which pay particular attention to matching the hose with the fittings and to their compatibility proven by the manufacturer.

Markets:
· Construction Equipment
· Transportation
· Forestry

· Agriculture

Features / Benefits:
· Matched hose and fitting system guarantees an approved and safe combination
and the highest quality and safety combined with the longest service life of the final product to the end-users.
· No-Skive technology offers the easiest and most efficient and safe production process to the assemblers.

Applications:
· All construction equipment machines
· Agriculture and forestry machines
· general high pressure hydraulic applications

Parker Parkrimp high pressure fittings 70 series are compatible with the following hoses:
· 371LT, 372, 372RH and 372TC
· 701

TECH SPECIFICATIONS

MAXIMUM OPERATING PRESSURE	42.0 MPa
CONNECTION 1 SIZE	1 inch Hose I.D.
CONNECTION 2 TYPE	Female
CONNECTION 2 TYPE	Swivel
SPECIFICATIONS MET	ISO 12151-2-SWE-S
DIVISION	Polymer Hose Division Europe
DIVISION	Polymer Hose Division Europe
PORT TYPE	DKOS
BODY MATERIAL	Steel
CONNECTION LENGTH	64 mm (see drawing legend B)
CONNECTION 2 SIZE	M36x2.0 mm Thread
MAXIMUM OPERATING PRESSURE	420 bar
CONNECTION 1 SIZE	-16 (Size)

CONNECTION 1 SIZE	25.4 mm Hose I.D.
CONNECTION 2 TYPE	Metric S
SHAPE	Elbow 90°
FITTING LENGTH	109 mm (see drawing legend A)
FOR FLUID TYPE	Air
DROP LENGTH	69 mm (see drawing legend E)
INDUSTRY	Transportation
APPLICATION	High Pressure Hydraulics
TECHNOLOGY	Fluid & Gas Handling
FOR FLUID TYPE	Hydraulic Fluids on Mineral-oil Basis
FOR FLUID TYPE	Mineral Hydraulic Oil
FOR FLUID TYPE	Water
FOR FLUID TYPE	Coolants (Glycol, Water-Glycol)
INDUSTRY	Off-road Machinery
PRODUCT TYPE	Crimp Fittings No-Skive
CONNECTION 1 TYPE	Hose
HEX SIZE	46 mm (see drawing legend W)
BRAND	Parker
TUBE OUTSIDE DIAMETER	25 mm
FOR FLUID TYPE	Lubricants (Oils)
FOR FLUID TYPE	Lubricants
FOR FLUID TYPE	Air (General Industrial Air)
CONNECTION 2 TYPE	24° Cone (with O-Ring)
CONFIGURATION	Hose to Port