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: 1J770-8-8-SM
HOSE INSIDE DIAMETER: -8
CONNECTION 2 TYPE: Female ORFS - Swivel
PORT TYPE: ORFS
SHAPE: Elbow 45°
PORT SIZE: 1/2'

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

HEX SIZE	24 mm (see drawing legend W)
FITTING LENGTH	72 mm (see drawing legend A)
FOR FLUID TYPE	Air
CONNECTION 1 SIZE	-8 (Size)
APPLICATION	High Pressure Hydraulics
DROP LENGTH	15 mm (see drawing legend E)
CONNECTION 1 TYPE	Hose
TECHNOLOGY	Fluid & Gas Handling
INDUSTRY	Off-road Machinery
BRAND	Parker
PRODUCT TYPE	Crimp Fittings No-Skive
CONNECTION 2 TYPE	Female
MAXIMUM OPERATING PRESSURE	63.5 MPa

FOR FLUID TYPE	Water
FOR FLUID TYPE	Mineral Hydraulic Oil
CONNECTION 2 TYPE	Swivel
SHAPE	Elbow 45°
CONNECTION 2 SIZE	13/16'-16 inch Thread
CONNECTION 2 TYPE	Seal-Lok®
FOR FLUID TYPE	Lubricants
CONFIGURATION	Hose to Port
BODY MATERIAL	Steel
MAXIMUM OPERATING PRESSURE	635 bar
FOR FLUID TYPE	Lubricants (Oils)
DIVISION	Polymer Hose Division Europe
PORT TYPE	ORFS
FOR FLUID TYPE	Coolants (Glycol, Water-Glycol)
FOR FLUID TYPE	Air (General Industrial Air)
CONNECTION 1 SIZE	12.7 mm Hose I.D.
CONNECTION LENGTH	37 mm (see drawing legend B)
FOR FLUID TYPE	Hydraulic Fluids on Mineral-oil Basis
SPECIFICATIONS MET	ISO 12151-1-SWE 45°
CONNECTION 1 SIZE	1/2 inch Hose I.D.
INDUSTRY	Transportation
SPECIFICATIONS MET	SAE J516
DIVISION	Polymer Hose Division Europe