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: 16A70-16-12-1P
SHAPE: Straight
PORT SIZE: 1'
HOSE INSIDE DIAMETER: -12
CONNECTION 2 TYPE: SAE Code 62 Flange Head
PORT TYPE: SFS

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

FOR FLUID TYPE	Air
CONNECTION 1 SIZE	-12 (Size)
FLANGE SIZE	48 mm (see drawing legend F)
PRODUCT TYPE	Crimp Fittings No-Skive
INDUSTRY	Off-road Machinery
CONNECTION 2 TYPE	Code 62 Flange
APPLICATION	High Pressure Hydraulics
BRAND	Parker
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 1 TYPE	Hose
FITTING LENGTH	79 mm (see drawing legend A)
INDUSTRY	Transportation
FOR FLUID TYPE	Lubricants (Oils)

CONNECTION 1 SIZE	19.1 mm Hose I.D.
CONNECTION LENGTH	39 mm (see drawing legend B)
FOR FLUID TYPE	Water
CONFIGURATION	Hose to Port
SHAPE	Straight
CONNECTION 1 SIZE	3/4 inch Hose I.D.
FOR FLUID TYPE	Hydraulic Fluids on Mineral-oil Basis
CONNECTION 2 SIZE	1 inch
CONNECTION 2 TYPE	Flange
SPECIFICATIONS MET	ISO 12151-3-S-S
PORT TYPE	SFS
MAXIMUM OPERATING PRESSURE	420 bar
DIVISION	Polymer Hose Division Europe
CONNECTION 2 TYPE	SAE
FOR FLUID TYPE	Air (General Industrial Air)
FOR FLUID TYPE	Lubricants
DIVISION	Polymer Hose Division Europe
MAXIMUM OPERATING PRESSURE	42.0 MPa
FOR FLUID TYPE	Mineral Hydraulic Oil
BODY MATERIAL	Steel
FOR FLUID TYPE	Coolants (Glycol, Water-Glycol)