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: 1B270-8-8
HOSE INSIDE DIAMETER: -8
CONNECTION 2 TYPE: Female BSP Parallel Pipe - Swivel (60° Cone)
SHAPE: Elbow 90°
PORT TYPE: BSP
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

DROP LENGTH	39 mm (see drawing legend E)
PRODUCT TYPE	Crimp Fittings No-Skive
CONNECTION 1 SIZE	-8 (Size)
APPLICATION	High Pressure Hydraulics
FOR FLUID TYPE	Air
BRAND	Parker
CONNECTION 1 TYPE	Hose
FITTING LENGTH	70 mm (see drawing legend A)
HEX SIZE	27 mm (see drawing legend W)
INDUSTRY	Off-road Machinery
TECHNOLOGY	Fluid & Gas Handling
DIVISION	Polymer Hose Division Europe
CONNECTION 1 SIZE	12.7 mm Hose I.D.

CONNECTION 2 TYPE	BSP Parallel Pipe
PORT TYPE	DKR
BODY MATERIAL	Steel
CONNECTION LENGTH	35 mm (see drawing legend B)
DIVISION	Polymer Hose Division Europe
CONNECTION 1 SIZE	1/2 inch Hose I.D.
CONNECTION 2 TYPE	Female
CONFIGURATION	Hose to Port
CONNECTION 2 TYPE	Swivel
SPECIFICATIONS MET	BS 5200-B
FOR FLUID TYPE	Coolants (Glycol, Water-Glycol)
FOR FLUID TYPE	Mineral Hydraulic Oil
SHAPE	Elbow 90°
FOR FLUID TYPE	Water
FOR FLUID TYPE	Lubricants
FOR FLUID TYPE	Hydraulic Fluids on Mineral-oil Basis
FOR FLUID TYPE	Air (General Industrial Air)
MAXIMUM OPERATING PRESSURE	43.0 MPa
INDUSTRY	Transportation
CONNECTION 2 SIZE	1/2'-14 inch Thread
MAXIMUM OPERATING PRESSURE	430 bar
FOR FLUID TYPE	Lubricants (Oils)
CONNECTION 2 TYPE	60° Cone