



Bulletin HY14-2720-M1/US
Service and Parts Bulletin

Model PD

Effective: August 1, 2002
Supersedes: Cat. No. GSA-01 dated 3/97



Proportional
Flow Divider





WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.

Offer of Sale

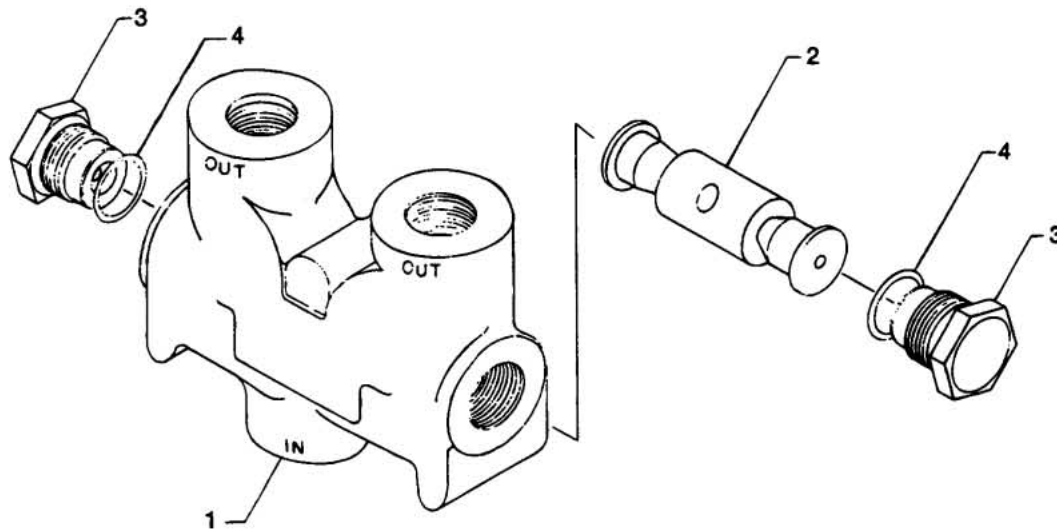
The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated in the "Offer of Sale".

© Copyright 2002, Parker Hannifin Corporation, All Rights Reserved

bul2720-m1.p65, bl



Model "PD" Proportional Flow Divider



Model "PD" Proportional Flow Divider Parts Listing

Item	Part No.	Description	No. Required
1	240-001	Housing (w 1/2 NPT ports)	1
	240-002	Housing (w 3/4 NPT ports)	
2		Spool	1

SPOOL OPTIONS LISTED BELOW			
GPM INPUT 5-20		FLOW DIVIDING RATIO	GPM INPUT 15-35
Part No.			Part No.
241-001		50-50	244-001
245-001		90-10	245-006
245-002		80-20	245-007
245-003		70-30	245-008
245-004		1/3-2/3	245-009
245-005		60-40	245-010
245-011		75-25	245-013
3	242-001	Cap	2
4	2709-001	O-ring Seal	2

The "PD" Proportional Flow Divider allows flow in one direction only, dividing a single flow of oil into two proportional flows. The proportional of the input flow to each output port is determined by the spool option installed. Flow through the "PD" Flow Divider cannot be reversed. The output flows will be controlled to within 10% of the inlet flow when used within recommended capacities.

Flow dividers with 50-50 split spools installed are not identified by any external marking. When other proportional split spools are installed, the end cap (Part 242-001) will be stamped on the end with the largest proportional flow. (With a 90-10 spool installed, one end cap would be stamped 90 indicating 90% of the flow would be directed to the output port on that end.)



Parker Hannifin Corporation
Hydraulic Valve Division
520 Ternes Avenue
Elyria, Ohio, USA 44035
Tel: (440) 366-5200
Fax: (440) 366-5253
www.parker.com/hydraulicvalve

Bulletin HY14-2720-M1/US,
2C, 8/02, PHD