SERIES DFP

Compact Design

RHINO VALVE USA

Diverter valve with 3,4,or 5 way capability

ISO-9001 REGISTERED FIRM
DNV Certification B.V., THE NETHERLANDS
Accredited by the RvA

LICENSE No. 6D-0321

Rhino Valve USA , 7500 Downing Ave. , Bakersfield, CA 93308 Tel. (661)587-0220 FAX (661)589-6625

RHINO VALVE USA

MODEL DFP

Introduction

DFP IN SOLID A-105 BAR STOCK CONSTRUCTION

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The model DFP is the newest evolution in rotary valve design. Bar stock construction allows for maximum flexibility.
Can be produced from any machinable materials.

This valve can be used as a 2x2, 3x2,3x3, 4x2, 4x3, 5x2, 5x3 or 5x4. Modular flange ends give the flexibility to provide ANSI class #150, #300, #600, #900, DN or any combination there of. The modular lap flanges allows ease of installation and alignment.

The lower bottom entry enables maintenance personnel an opportunity to inspect the ball and seats inline.

With a wide range of seat options the DFP valve can be fitted with TFE, PTFE, R-TFE, MULTIFILL, DAVLON, PEEK, STAINLESS STEEL, STELLITE, DELRIN, BUNA, VITON or UHMWPE.

Ball and stem (Trim Set) can be provided in Stainless Steel, Carbon steel, Monel, Titanium, Alloy 20, aluminum, or Hastalloy.
Integral ISO 5211 mounting pad.

Consult factory for automation options.

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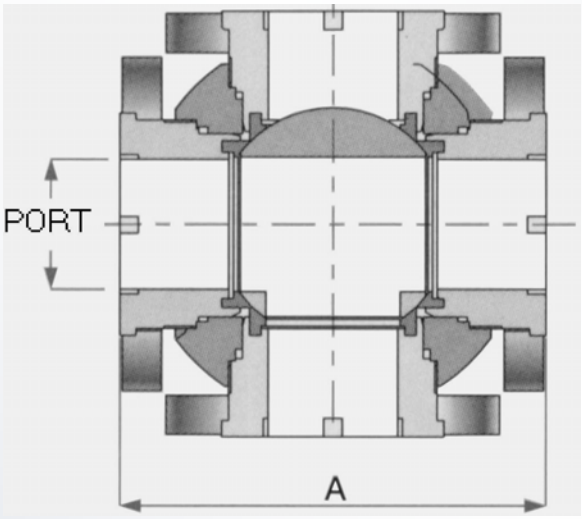
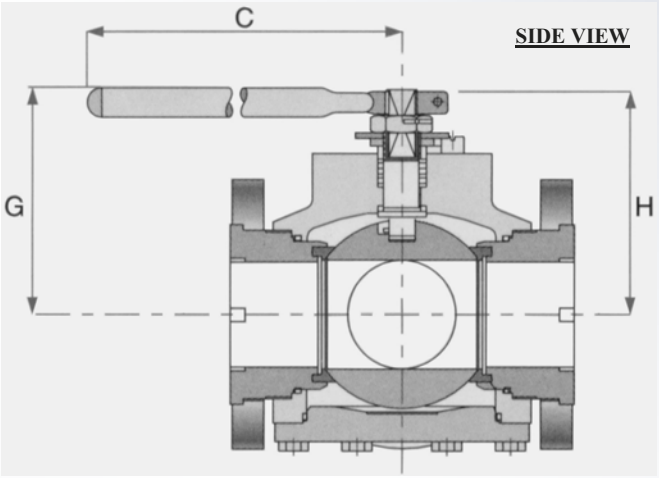
SERIES DFP
DIMENSIONS

RHINO VALVE USA

TOP VIEW





Sizes	Port Size	A	C	G	H	kg	Cv @ 90	Cv @ 0
1”	1.00	5.00	5.83	4.65	2.87	7.00	80	100
DN 25	25.0	127.0	148.0	118.0	73.0	-		
1 ½”	1.50	6.50	8.27	5.47	4.37	12.00	205	270
DN 40	37.0	165.0	210.0	139.0	111.0	-		
2”	2.00	7.99	10.24	5.83	4.72	19.00	370	490
DN 50	50.0	203.0	260.0	148.0	120.0	-		
3”	3.00	9.61	18.31	6.26	6.26	47.00	870	1160
DN 80	75.0	244.0	465.0	159.1	159.1	-		
4”	4.00	12.01	18.31	10.83	8.62	84.00	1650	2200
DN 100	100.0	305.0	465.0	275.0	219.0	-		
6”	6.00	15.51	21.30	12.28	10.08	160.00	3825	5100
DN 150	150.0	394.0	541.0	312.0	256.0	-		

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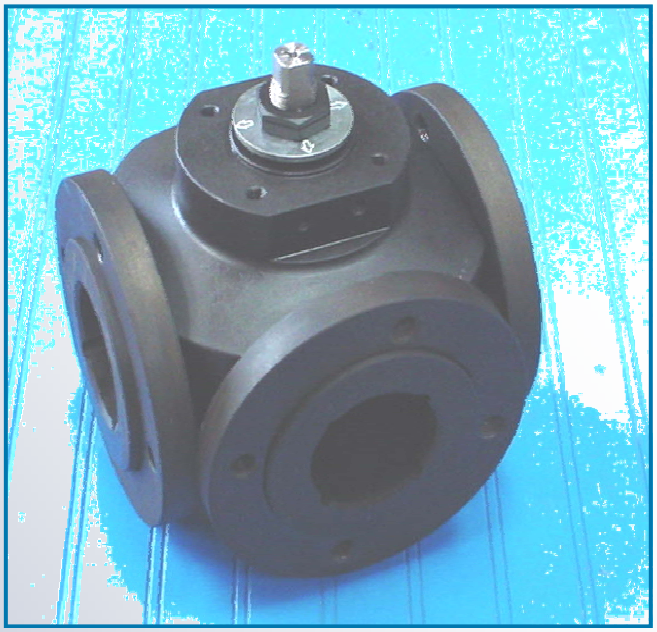
MODEL DFP
FEATURES AND BENEFITS

AFTER SALE SUPPORT
Rhino's USA corporate office is located in Bakersfield, CA. and maintains over one million dollars in inventory for our domestic market.

FULL PORT DESIGN/LIVE LOADED STEM PACKING
All isolation valves are full port design allowing the lowest pressure drop. All Rhino Valves are standard with live loaded stem packing using Belleville washers.

ISO 5211
Rhino conforms to the ISO 5211 standards for direct mounting actuation. ISO 5211 is an international dimensional standard that allows for uniformity in the valve automation industry.

MODULAR DESIGN
Rhino's modular design allows for manual or automated leak detection of the automated test valves with the use of bleed and a pressure gauge for manual test or pressure switch for automated system. Rhino is the only manufacture that offers an automated system that individually identifies valve failures.

PREFERRED ORIENTATION
All valve stems on the Rhino three-way system are clocked at 3 or 9, the preferred orientation for ball valve in process where sediment may exist. Other systems such as double valve assemblies clock at least one automated valve at 6. This is the least preferred position due to sediment collection in the cavity around the stem area which causes premature wear to the stem and stem seal.

DIRECT-MOUNT ACTUATION
Prevents side loading of the stem and stem seal typically found in coupled valve/actuator assemblies, which substantially reduces leakage and maintenance costs.