

RHINO VALVES WORLDWIDE



Diverter 3 ways

D44/D600 & T44/T600

**A versatile valve when it is to connect 3 ports.
All the configurations possible they are contemplated in this valve
manufactured in diverse materials, connections and options.**



LICENSE No. 6D-0321





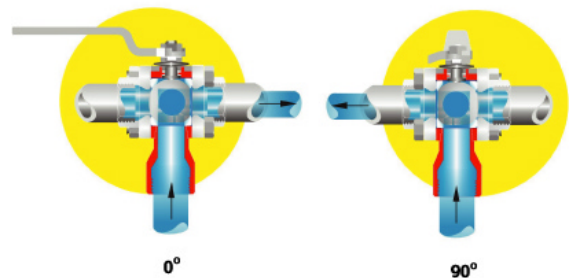
DIVERTER 3 WAYS

THREE way . With integral seats that allow the entrance of the flow from any port toward any other of the ports.

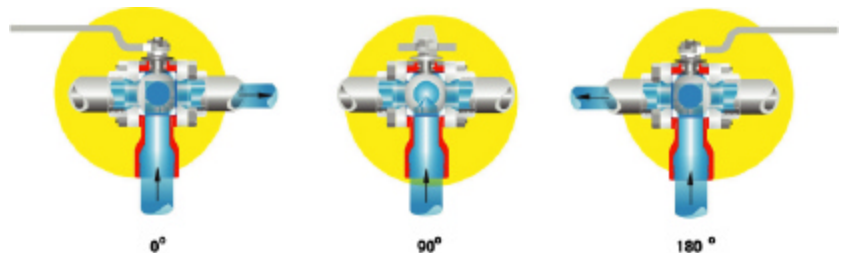
DIVERTER. With seats and separate seals, to deviate the flow from the inferior port toward the sides.

Both valves have different PORTING:

PORTING 1. Operation at 90 degrees, without a closed position, but with a blending option.



PORTING 2. Operation at 180 degrees, with a closed position of (no stop for handle), without a blending option



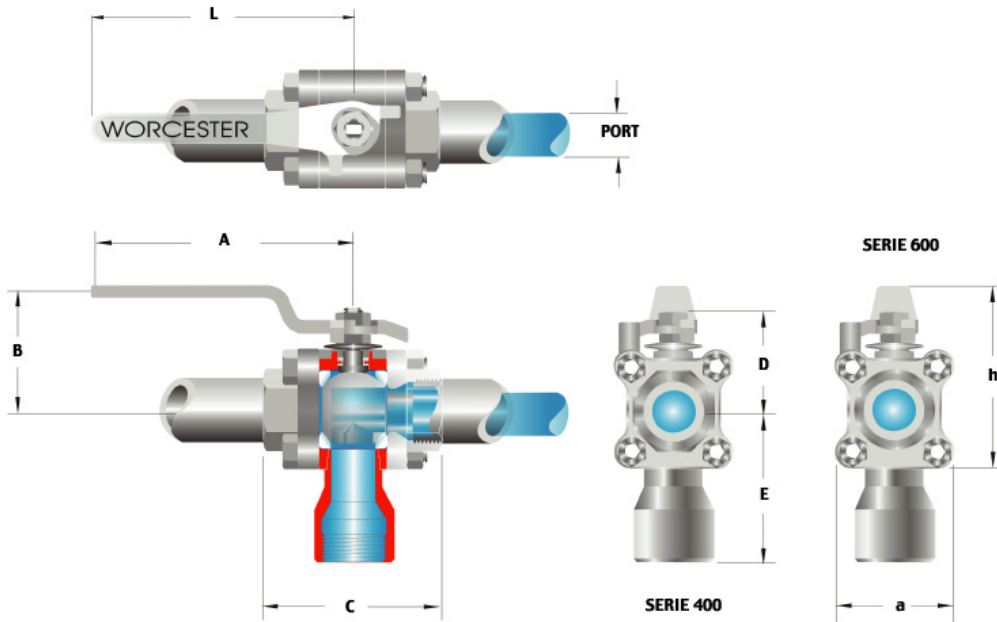
PORTING 3. Operation at 180 degrees, without a closed position with connection to each one of the ports or both.



RHINO VALVES WORLDWIDE



DIVERTER 3 WAYS



FLOW RATE	
SERIES 44 3 WAYS	
SIZE OF THE VALVE	Cv (USGPM)
1/2"	3
3/4"	5
1"	10
1 1/4"	16
1 1/2"	24
2"	36

The pipe is exclusively representative. They are only as reference and they are subject to changes without previous notice.

Dimension in inches.

SERIES 44 3 WAYS

SIZE	A	B	C	D	E	PORT	Weight in Lbs.	L	h	a
1/2"	4.25	1.58	2.61	1.51	2.32	0.438	1.43	5.56	2.45	1.75
3/4"	4.25	1.67	2.83	1.61	2.48	0.563	1.92	5.67	2.67	2.00
1"	5.75	2.21	3.72	2.17	3.06	0.813	3.62	7.66	3.40	2.38
1 1/4"	5.75	2.40	4.22	2.35	3.22	1.000	5.43	7.86	3.71	2.63
1 1/2"	7.00	3.02	4.56	2.89	3.56	1.250	8.52	9.28	4.62	3.19
2"	7.00	3.21	5.01	3.07	4.17	1.500	10.44	9.51	5.00	3.57

SERIES FP 44 3 WAYS

SIZE	A	B	C	D	E	PORT	Weight in Lbs.	L	h	a
1/2"	4.25	1.58	2.61	1.51	2.32	0.438	1.66	5.56	2.45	1.75
3/8"	4.25	1.58	2.61	1.51	2.32	0.438	1.43	5.56	2.45	1.75
1/2"	4.25	1.67	2.83	1.61	2.48	0.563	1.92	5.67	2.67	2.00
3/4"	5.75	2.21	3.75	2.17	3.06	0.813	3.62	7.66	3.40	2.38
1"	5.75	2.40	4.22	2.35	3.22	1.000	5.43	7.86	3.71	2.63
1 1/4"	7.00	3.02	4.56	2.89	3.56	1.250	8.52	9.28	4.62	3.19
1 1/2"	7.00	3.21	5.01	3.07	4.17	1.500	10.44	9.51	5.00	3.57

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APPLICABLE INTERNATIONAL STANDARDS



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Norm	Description	Applicable in	Size	Content
NACE MR-01-75	Valves that require special resistance to fractures and hydrosulfuric attack	All the models except Brass	1/4" - 8"	For sour environment, stainless ferrous and not ferrous metals
ANSI/FCI 70-2	for seat leaks of control valves. Class VI	All the models	1/4" - 8"	(pneumatic) trapped air test
MSS-SP-26	System of Marking Standard	All the models except series 42, 43, 1000	1/4" - 8"	Size-thread-temperature. Pressure-material-Nom. Casting Heat. No.
MSS-SP-55	Visual inspection Method acceptance of cast steel valves	All the models except Brass	1/2" - 8"	12 types of frequent surface irregularities identifiable by comparative visual inspection
API 6D	Specification for piping and valves	All the models	2" - 8"	Quality system according to American Petroleum Institute
API 607	"Fire Safe" testing	All the models except series 42, 43 and 1000	1/4" - 8"	Available certificate in some valves
API 598	Inspection and test of valves	All the models	1/4" - 2"	Hydrostatic and pneumatic inspection
ANSI B 16.5	Flanges for steel pipe lines	All the flanged models	1/2" - 8"	Dimension-material-range. Pressure temperature-facing. Different types of flanges
ANSI B 16.10	End to end dimensions of valves with flanges and/or to weld ends	All the flanged models and weld end models	1/2" - 8"	Face to face Dimensions
ANSI B 16.11	End Dimensions: S.W. (Socket Weld) S.E. (Threaded)	All the models except flanged	1/4" - 6"	Face to face Dimensions
ANSI B 16.34	Steel valves	All the models	1/4" - 14"	Wall Thickness designs. Material-specifications. Range-Pressure-Temperature. Hydrostatic Test
ANSI B 16.25	Buttweld ends	All the models except flanged	1/2" - 6"	Angle of machine beveling and O.D. And I.D.

RHINO VALVES WORLDWIDE



HOW TO ORDER

HOW TO ORDER TO RHINO VALVES

Valve Size	Type	Series	Body, pipe ends	M a t e r i a l			Ends
				Ball Steam	Seat	Body Seals	
1 1/2"	D	4	4	6	T	T	SW
1/4"	- Normal	4 - 400 (44)	1 - Brass	1 - Brass	B - Buna	B - Buna	SE - Screw End
3/8"	FS - Fire Safe	6 - 600	4 - Carbon Steel	4 - Carbon Steel	T - Ptfе	T - Ptfе	SW - Socket Weld
1/2"	D - Diverter	H6 - H600	6 - Stainless Steel	6 - Stainless Steel	R - Tfe	R - Tfe	BW - Butt Weld
3/4"	T - 3 Ways	42 - Mite	6L - Stainless Steel CF-3M		Y - Lubetal (Delrin)	Y - Lubetal (Delrin)	150# - Ansi 150
1"	C - Cryogenic	43 - Mass			MT - Multifil	MT - Multifil	300# - Ansi 300
1 1/4"	PT - Full Port	60 - 6000			U - Uhmwpe	U - Uhmwpe	
1 1/2"		45			D - Devlon	D - Devlon	
2"		150				G - Graphoil	
3"		151				V - Viton	
4"		152					
6"		300					
8"		302					
		10 - 1000					
		20 - 2000					
					Note : Use only one letter if body seal is to be same material as seat		

NOT ALL THE COMBINATIONS ARE AVAILABLE. SEE THE FOLLOWING TABLE AND CONSULT TO THE COMPANY OR AUTHORIZED DISTRIBUTOR FOR AVAILABILITY.

THERE ARE SOME OTHER MATERIALS, OPTIONS AND ENDS AVAILABLE

COMMON COMBINATION FOR SEALS AND SEATS MATERIALS

SERIES	SEATS	BODY SEALS	STEAM SEAL
ALL	BUNA	BUNA	RTFE
ALL	PTFE	PTFE	RTFE
ALL	RTFE	PFTE	RTFE
ALL	LUBETAL	VITON	RTFE
ALL	MULTIFIL	MULTIFIL	MULTIFIL
ALL	UHMWPE	VITON	RTFE
FS ONLY	PTFE	GRAPHOIL	GRAPHOIL
H600 ONLY	DELTRIN	VITON	DELTRIN/MULTIFIL
6000 ONLY	DELTRIN/VITON	VITON	DELTRIN/MULTIFIL