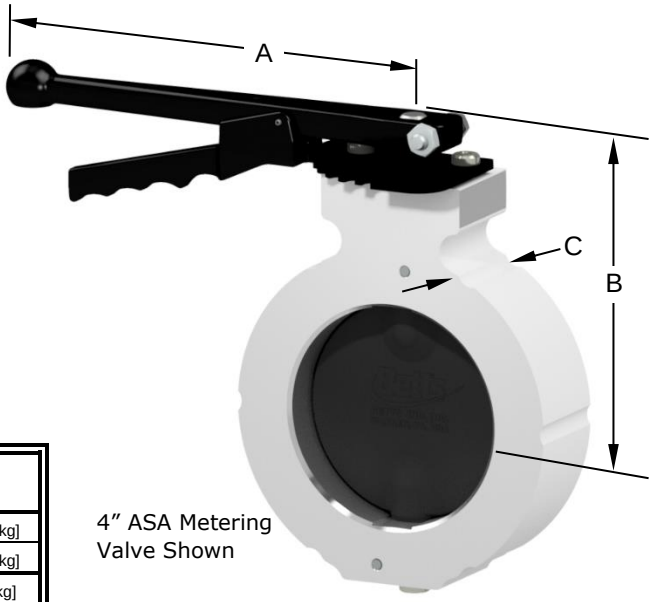
The Betts Wet-R-Dri Valve is a lightweight and compact quarter turn in-line stop valve. This easily maintained and versatile valve is widely used for liquid, gaseous or dry products and is available in a variety of sizes. The manual metering/locking valve provides an eight (8) position metering locking handle which holds the disc in the desired position. The body is offered in aluminum, cast iron or stainless lined with coatings available for increased chemical resistance and extended service life. The disc seal and shaft O-rings are available in a variety of materials to optimize chemical resistance and service temperature range. Valve mounts between 125# or 150# ASA/ANSI flanges.



4" ASA Metering Valve Shown

See Section 20 Page 5B for repair kits.
See Section 21 Page 2B for complete parts list.

Size	Assembly Number	Body Material	Max. Working Pressure	Weight
2"	WD226AL*	ALUMINUM	75 psi [5.17 bar]	2.8 lbs. [1.27 kg]
	WD226GI*	CAST IRON		5.0 lbs. [2.27 kg]
3"	WD326AL*	ALUMINUM	75 psi [5.17 bar]	5.0 lbs [2.27 kg]
	WD326GI*	CAST IRON		10.9 lbs [4.94 kg]
4"	WD426AL*	ALUMINUM	75 psi [5.17 bar]	7.1 lbs [3.22 kg]
	WD426GI*	CAST IRON		15.1 lbs [6.85 kg]
5"	WD526AL*	ALUMINUM	50 psi [3.44 bar]	8.6 lbs [3.90 kg]
6"	WD626AL*	ALUMINUM	50 psi [3.44 bar]	12.4 lbs [5.62 kg]
8"	WD826AL*	ALUMINUM	50 psi [3.44 bar]	18.1 lbs [8.21 kg]

Commonly used Suffixes
(add to end of assembly number)
001 = E-Coated Valve Body
002 = Grease Fittings in shafts
004 = Valve less handle
019 = SS Shafts w/ SS Liner
032 = Left Hand Operation
046 = E-Coated Valve Left Hand Operation
089 = 225 psi tested w/ Fluorosilicone O-rings

* Replace asterisk in part number to designate disc coating.

Material Code for Disc	Temp. Range
B = Black Nitrile (Buna-N)	-40°F to +240°F [-40°C to +116°C]
WB = White FDA Nitrile (Buna-N)	
OP = White FDA Nitrile w/ SS Insert	
VB = FKM (Viton™ B) type B	+9°F to +400°F [-13°C to +204°C]
VF = FKM GFLT-S	-11°F to +400°F [-24°C to +204°C]
V = FKM (Viton™ A) type A	0°F to +400°F [-17°C to +204°C]
U = Black Urethane	-40°F to +200°F [-40°C to +93°C]
E = Black EPDM	-50°F to +250F [-45°C to +121°C]
WE = White EPDM	
Not all materials are available for every valve size. Actual temperature values may vary due to service conditions.	

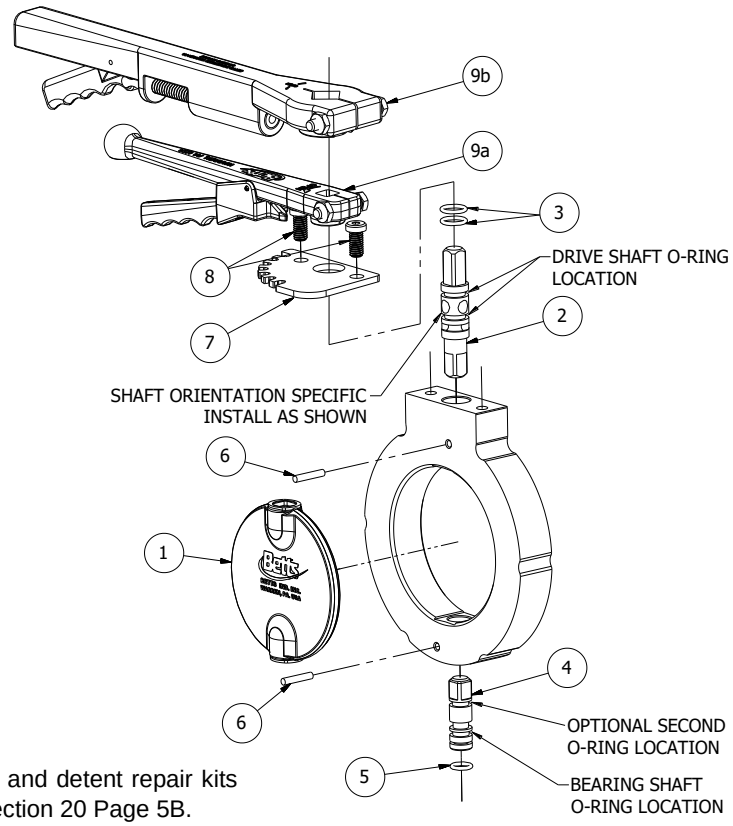
DIMENSIONS					
Size	A	B	C	O.D.	I.D.
2"	8 3/4" [222.3 mm]	4 1/4" [107.9 mm]	1 1/8" [28.6 mm]	3 3/4" [95.3 mm]	2 1/4" [57.2 mm]
3"	8 3/4" [222.3 mm]	5 5/16" [134.9 mm]	1 3/4" [44.5 mm]	5 5/8" [142.9 mm]	3 3/8" [85.7 mm]
4"	8 3/4" [222.3 mm]	5 13/16" [147.6 mm]	2" [50.8 mm]	6 5/8" [168.3 mm]	4 3/8" [111.1 mm]
5"	8 3/4" [222.3 mm]	6 3/8" [161.9 mm]	2 1/8" [54.0 mm]	7 5/8" [193.7 mm]	5 7/16" [138.11 mm]
6"	12" [304.8 mm]	7" [177.8 mm]	2 1/8" [54.0 mm]	8 5/8" [219.1 mm]	6 1/8" [155.6 mm]
8"	12" [304.8 mm]	8" [203.2 mm]	2 1/2" [63.5 mm]	10 7/8" [276.2 mm]	8" [203.2 mm]

Installation: The Wet-R-Dri Valve may be mounted in any position with handle located for easy operation. Standard right-hand operation opens by turning handle ¼ turn counterclockwise and left-hand operation (clockwise opening) is available for valve with suffix "032". Care should be taken when mounting valve to be sure the I.D. of adjoining flanges or pipe is large enough to allow the disc of the valve to open freely. Valve mounts between 125# or 150# ASA/ANSI flanges.

⚠ **WARNING:** This product can expose you to chemicals including Chromium (hexavalent compounds), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov

Designed, engineered and manufactured in the USA.

Parts List



Note: For seal and detent repair kits see catalog Section 20 Page 5B.

Material Code for Disc & O-Rings
BN = Black Nitrile (Buna-N)
WB = White FDA Nitrile (For Disc Only)
OP = White FDA Nitrile w/ Stainless Insert (For Disc Only)
VB = FKM type B (Viton™ B)
VF = FKM GFLT-S
VT = FKM type A (Viton™ A)
PY = Black Urethane
EP = Black EPDM
WE = White EPDM (For Disc Only)
FS = Fluorosilicone (For O-rings Only)

No.	Description	Material	2”	3”	4”	5”	6”	8”
1	Disc	See Mat’l Table	WD101-2_ _ *	WD101-3_ _ *	WD101-4_ _ *	WD101-5_ _ *	WD101-6_ _ *	WD101-8_ _ *
2	Drive Shaft	Steel Zinc Plated	27053MS001	27051MS001	27051MS001	27051MS001	16229MS001	16229MS002
		303 Stainless	27053SL001	27051SL001	27051SL001	27051SL001	16229SL	16229SL002
	Drive Shaft with Grease Fittings	Steel Zinc Plated	27053MS002	27051MS002	27051MS002	27051MS002	16229MS002	16229MS002
		303 Stainless	27053SL002	27051SL002	27051SL002	27051SL002	16229SL002	16229SL002
3	O-ring (Drive Shaft)	See Mat’l Table	17889_ _ *	17889_ _ *	17889_ _ *	17889_ _ *	18831_ _ *	18831_ _ *
4	Bearing Shaft	Steel Zinc Plated	16006MS	15913MS	15913MS	15913MS	16230MS001	16230MS002
		303 Stainless	16006SL	15913SL	15913SL	15913SL	16230SL	16230SL002
	Bearing Shaft with Grease Fittings	Steel Zinc Plated	16006MS002	15913MS002	15913MS002	15913MS002	16230MS002	16230MS002
		303 Stainless	-	15913SL002	15913SL002	15913SL002	16230SL002	16230SL002
5	O-ring (Bearing Shaft)	See Mat’l Table	17781_ _ *	18141_ _ *	18141_ _ *	18141_ _ *	18831_ _ *	18831_ _ *
6	Driv-Lok-Pin	Steel Zinc Plated	9Q4893	9Q4925A	9Q4925	9Q4925	9Q4926	9Q4938
7	Index Plate (8 Pos.)	Steel E-Coated	75998MSEY	75998MSEY	75998MSEY	75998MSEY	76014MSEY	76014MSEY
8	Cap Screw	Steel Zinc Plated	9Q5987	9Q5987	9Q5987	9Q5987	9Q5987	9Q5987
9a	2”- 5” Handle Asm.	Alum. E-Coated	28981ALEY	28981ALEY	28981ALEY	28981ALEY	N/A	N/A
9b	6”- 8” Handle Asm.	Alum. E-Coated	N/A	N/A	N/A	N/A	26287AL	26287AL

* Disc and O-ring material is specified by the letter code as shown table. Not all materials are available for every size.

WARNING: Use only genuine Betts Industries replacement parts. Substitute parts can impair the proper functioning of this product and void all warranties.

Designed, engineered and manufactured in the USA.