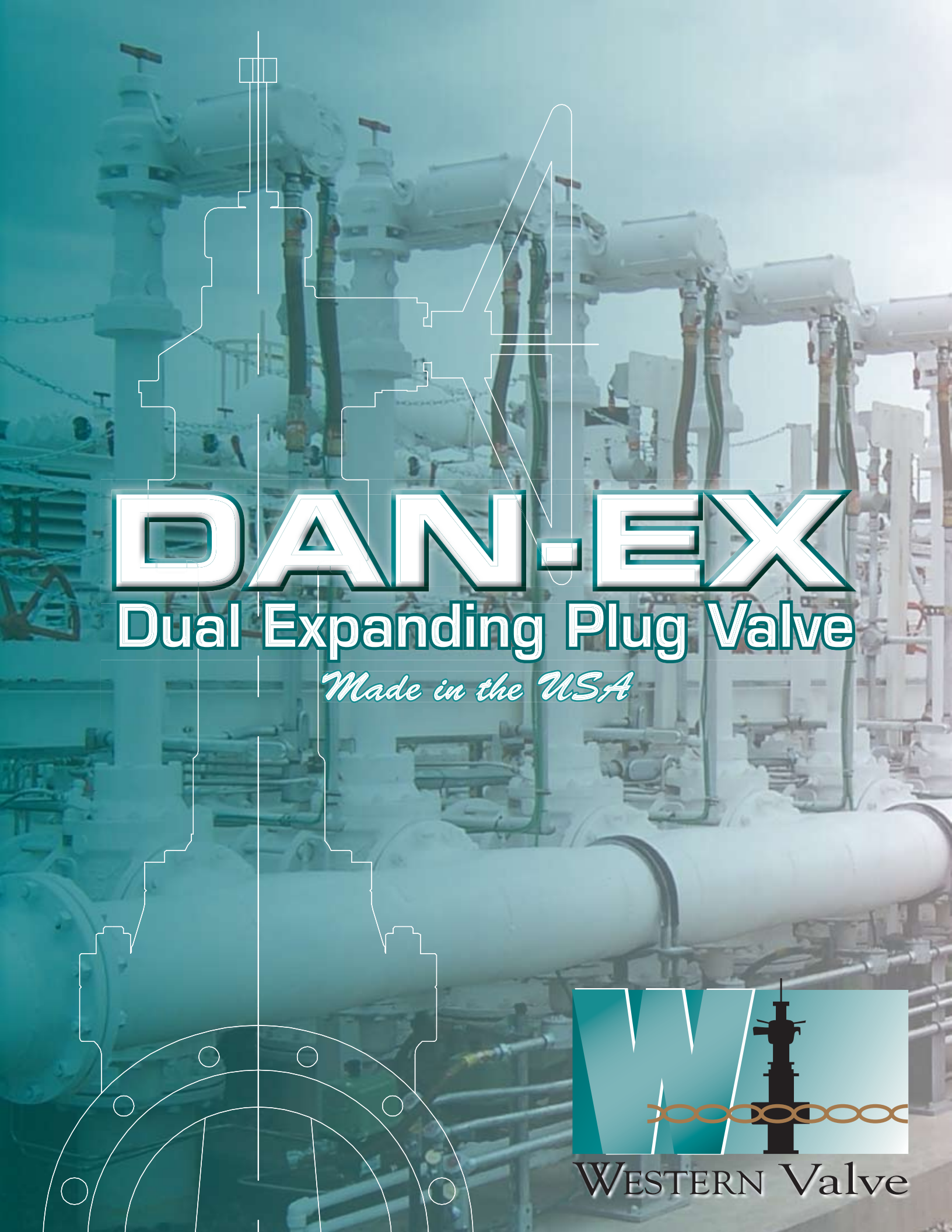




DAN-EX

Dual Expanding Plug Valve

Made in the USA



WESTERN Valve

The **DAN-EX** Dual Expanding Plug Valve, introduced in 1979, was acquired by Western Valve in 2000. It is not a reverse engineered product; DAN-EX was designed by a team of senior engineers as a superior alternative to the original double block and bleed plug valve.



A positive track record exceeding 25 years and a worldwide installed base has proven the integrity of the valve.

Established in 1991, **WESTERN VALVE** is located in Bakersfield, California with an impressive 50,000 square feet manufacturing facility.



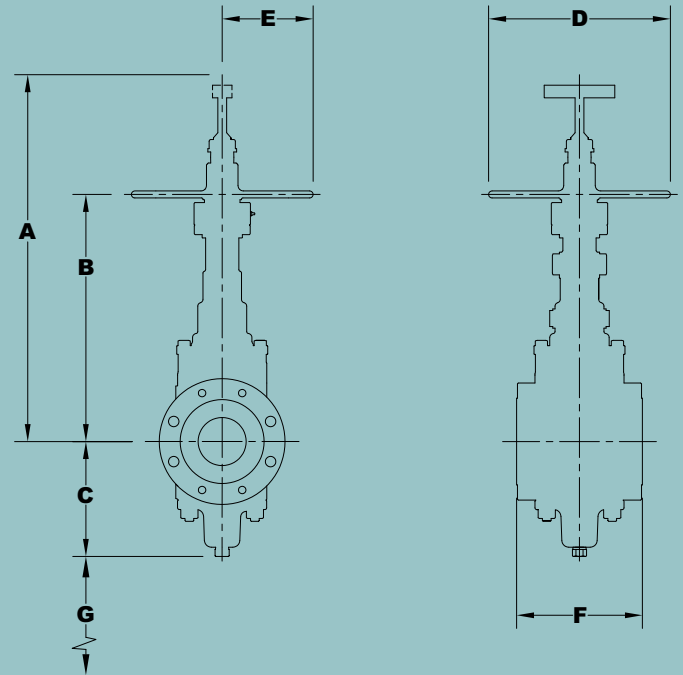
Competitors may look for the immediate gain of low cost manufacturing abroad and design changes that cheapen the product; we upgrade our systems and technology to formulate a competitive quality product.



As a testimony to our commitment to a high quality product, Western Valve holds an ISO 9001:2000 certification and tests every valve per American Petroleum Institute (API) 6D standards.

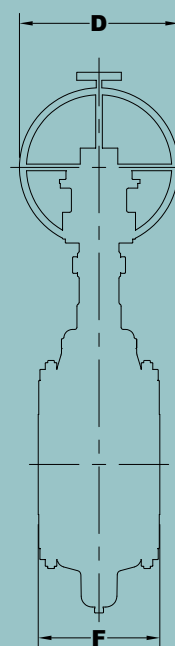
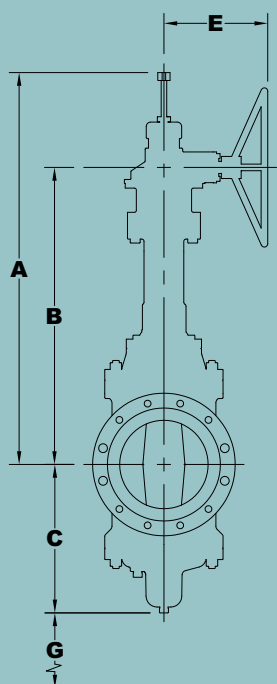
Dimensional Data

- A** Maximum Overall Height
- B** Center Line of Valve to Center Line of Handwheel
- C** Center Line of Valve to Lowest Point
- D** Handwheel Diameter
- E** Center Line of Valve to Outside of Handwheel
- F** Face to Face
- G** Minimum Clearance to Remove Slip from Bottom



Handwheel Operated Reduced Port

Class	Size	Figure	Operator	A	B	C	D	E	F	G	Weight (lbs)
ANSI 150	2"	271A	5KL	18 1/16	10 1/2	3 1/4	10	5	7		75
	3"	271	10KL	25 3/16	17 11/16	8 1/8	13	6 1/2	8	12	92
	4"	271	10KL	25 1/2	17 11/16	8 3/16	13	6 1/2	9	12	156
	6"	271A	10KL	27 15/16	20 1/8	10 3/16	13	6 1/2	10 1/2	13 3/4	325
	8"	271A	10KL	30 5/8	25	13 7/8	13	6 1/2	11 1/2	16	300
ANSI 300	2"	273	5KL						8 1/2		85
	3"	273	10KL						11 1/8		98
	4"	273	10KL	25 7/16	17 5/8	8 1/8	13	6 1/2	12	12	198
	6"	273	50KL2						15 7/8		595
ANSI 600	2"	275	5KL	20 3/4	10 11/16	5 5/8	13	6 1/2	11 1/2	7	95
	3"	275	10KL						14		300
	4"	275	10KL						17		335



Gear Operated Reduced Port

Class	Size	Figure	Operator	A	B	C	D	E	F	G	Weight (lbs)
ANSI 150	6"	271A	10KL	32 1/8	22 3/8	9 9/16	12	10 3/16	10 1/2	13 3/4	380
	8"	271A	10KL	34 1/2	24 3/4	13 7/8	12	10 3/16	11 1/2	16	355
	10"	271	50KL2	45	33 5/8	16 1/8	18	11 3/4	13	15	790
	12"	271	50KL2	45 3/4	34 3/8	17	24	13	14	17	880
	14"	271	50KL2	45 13/16	34 1/2	16 7/8	24	13	15	17	970
	16"	271	50KL2	49 1/8	37 3/4	21 13/16	24	13	16	22	1467
	18"	271	50KL2	49 1/8	37 3/4	21 13/16	24	13	17	22	1592
	20"	291	100KS2	49 3/4	40 1/8	18 3/4	36	18 5/8	40	29 5/8	2800
ANSI 300	3"	273	10KL						11 1/8		153
	4"	273	10KL			8 1/8			12	12	253
	6"	273	50KL2						15 7/8		675
	8"	273	50KL2	43 1/8	31 3/4	13 5/8	18	11 3/4	16 1/2	17	720
	10"	273	50KL2	44 15/16	33 11/16	16 1/8	24	13	18	15	1105
	12"	273	50KL2	45 3/4	34 3/8	16 15/16	24	13	19 3/4	15	1180
	14"	273	50KL2	45 3/4		16 15/16			30	15	1305
	16"	273	100KS2	68 7/16	39 3/4	21 13/16	30	14	33	21	2280
ANSI 600	3"	275	10KL	34 5/16	21	7 7/8	12	12	14	7	300
	4"	275	10KL	34 5/16	21	7 7/8	12	12	17	10	415
	6"	275	50KL2	60 15/16	30	12 15/16	18	14	22	11	810
	8"	275	50KL2	64 7/16	31 3/4	14 11/16	18	14	26	15	1275
ANSI 900	6"	276	50KL2						24		880
	8"	276	50 KL2						29		1940
ANSI 150 FULL PORT	16"	201	100KS2	49 3/4	40 1/8	18 3/4	36	18 5/8	35	29 5/8	2600

STANDARD MATERIALS OF CONSTRUCTION

Body:	Cast Carbon Steel ASTM A-216 WCC Chrome Plated Seat Area
Bonnet:	Cast Carbon Steel ASTM A-216 WCC
Lower Plate:	Cast Carbon Steel ASTM A-216 WCC
Solid Plug:	Cast Carbon Steel ASTM A-216 WCC Electroless Nickel Plated
Slip/Seal:	Cast Ductile Iron 80-55-06/Viton
Trunnion Bushings:	Type 2 NI-Resist
O-Rings:	Viton
Packing Gland:	ASTM A-487 CA6NM
Chevron Packing:	Grafoil /V-Rings
Studs:	ASTM 193 B7
Nuts:	ASTM 194 2H
Bleed System:	Differential Thermal Relief / Manual Body Bleed

TRIM SELECTION

Fluoro Elastomers Slip Seal Materials

VIT	Viton	Standard Material
V90	Viton 90 Durometer	Standard HIΔP
VGf	Viton GF	Viton with Enhanced Chemical Resistance
VTF	Fiber Reinforced Viton	Optional HIΔP

Nitrile Elastomers Slip Seal Materials

NIT	Nitrile	
HNBR	Hydrogenated Nitrile	Low Temp Nitrile
STS	Modified Nitrile	Reformulated Gasoline Seal Material

Specialty Slip Seal Materials

ECH	Epichlorohydrin	Good Low Temp Material
EPDM	Ethylene propylene	Ammonia but not Hydrocarbon