APACHE PRESSURE PRODUCTS

E-SERIES

API 6A EXPANDING GATE VALVE

KEY BENEFITS

- API 6A · up to 5,000 psi
- Expanding wedge gate · mechanical seal
- Flanged or threaded LP / EUE · 2-1/16"–7-1/16"



E-SERIES EXPANDING GATE VALVE

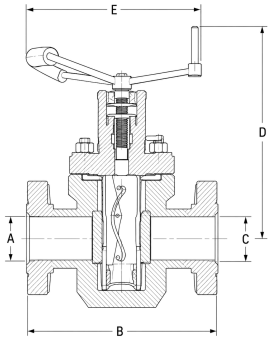
OVERVIEW

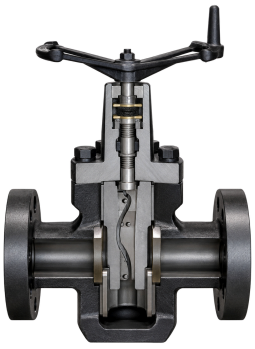
The Apache E-Series is an API 6A expanding (wedge) gate valve for oil & gas wellheads, production trees, and other critical applications. The wedge gate forms a mechanical seal that does not rely on line pressure, delivering positive shut-off up to 5,000 psi in 2-1/16" through 7-1/16" bores, with flanged ends or threaded line-pipe / EUE tubing connections.

DIMENSIONAL DATA

END	SIZE	PRESSURE	BORE	B	C	D	E	TURNS	WT (LB)
Flanged	2-1/16"	5,000	2.06	9.62	5.3	19.6	13	13	126
Flanged	2-9/16"	5,000	2.56	10.25	6.1	20.6	13	15-1/2	142
Flanged	3-1/8"	5,000	3.12	11.38	7.6	22.8	16	20	236
Flanged	4-1/16"	5,000	4.06	13.00	9.4	25.9	16	24-1/2	454
2" LP	2-1/16"	5,000	2.06	14.62	5.3	19.6	13	13	176
2-3/8" EUE	2-1/16"	5,000	2.06	14.62	5.3	19.6	13	13	176
2-7/8" EUE	2-9/16"	5,000	2.56	16.62	6.1	20.6	13	15-1/2	224
3" LP	3-1/8"	2/3/5M	3.12	16.62	7.6	22.8	16	20	334
3-1/2" EUE	3-1/8"	5,000	3.12	16.62	7.6	22.8	16	20	334
4" LP	4-1/16"	2/3/5M	4.06	21.62	9.4	25.9	16	24-1/2	614
4-1/2" EUE	4-1/16"	5,000	4.06	21.62	9.4	25.9	16	24-1/2	614

Pressure in psi; 2/3/5M = offered at 2,000, 3,000 or 5,000 psi. Dimensions in inches; weights in lb. B = end-to-end length · Turns = handwheel turns to open. Threaded ends: LP = line pipe, EUE = external-upset tubing. Larger bores to 7-1/16" available — consult factory.





STANDARDS & OPTIONS

Specification	API 6A	**End Connections**	Flanged or threaded (LP / EUE)
Pressure Rating	5,000 psi; 3" & 4" LP: 2/3/5M	**Trim**	Material / temperature classes per API 6A
Bore Sizes	2-1/16" – 7-1/16"	**Applications**	Wellheads, production trees, critical service
Gate	Expanding wedge gate (mechanical seal)		

QUALITY. INTEGRITY. RELIABILITY.

Engineered solutions for demanding environments.

www.apachemfg.com

GREATER HOUSTON
8809 Bailey Rd
Manvel, TX 77578
(713) 941-1669

ODESSA
2650 West Remington Rd
Odessa, TX 79763
(432) 385-7470

The information presented here reflects our current design specifications. Apache Pressure Products may change design and/or material specifications without prior notice. Please consult with our sales experts for specific requirements.