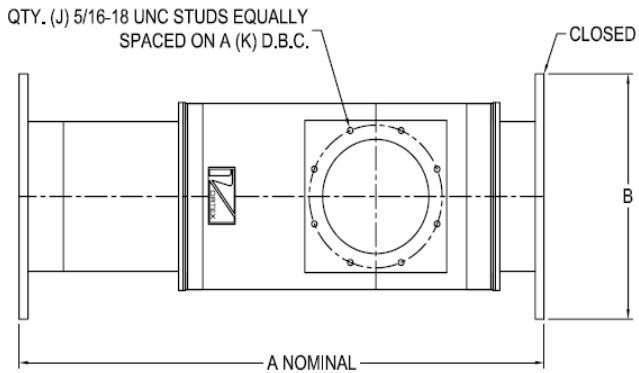


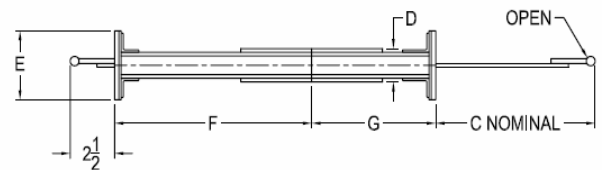
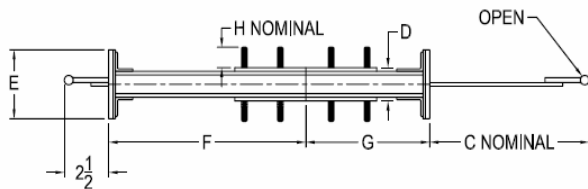
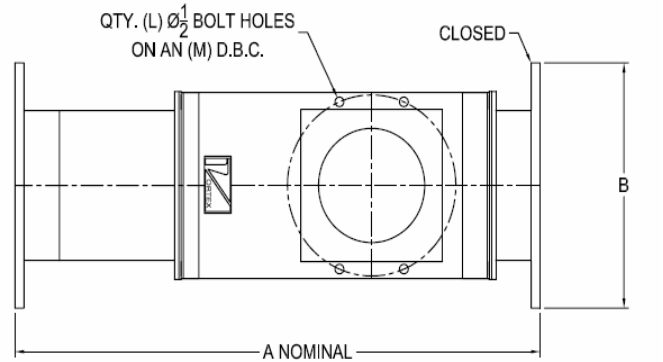
# VORTEX<sup>®</sup> HAND SLIDE ORIFICE GATE™ DIMENSIONAL INFORMATION

All dimensions are in inches.

STUD BOLT FLANGED TUBE CONNECTION



OPTIONAL (-P) MODIFICATION BOLT-THROUGH PIPE FLANGE CONNECTION



Information subject to change without notice.

ITEM ID	GATE SIZE	A	B	C	D	E	F	G	H	J	K	L	M	APPROX. WEIGHT	NOMINAL FLOW RATE
HS02	2	16-1/4	8 -7/8	5	1-3/4	3-5/8	4-7/8	3-7/8	1-1/8	4	3-7/8	2	4-3/4	10 LBS	150 CF/H
HS03	3	18-3/4	10 -1/8	6	1-3/4	3-5/8	6-1/4	4-1/2	1-1/8	4	5	2	6	12 LBS	450 CF/H
HS04	4	22-5/8	11 -1/8	7-1/8	1-3/4	3-5/8	8	5	1-1/8	6	5-1/2	4	7-1/2	16 LBS	800 CF/H
HS05	5	26-5/8	12 -1/8	8	1-3/4	3-5/8	10-5/8	6	1-1/8	8	6-1/2	4	8-1/2	20 LBS	1200 CF/H
HS06	6	29-5/8	12-7/8	9	1-3/4	3-5/8	11-1/8	7	1-1/8	8	7-1/2	4	9-1/2	27 LBS	1900 CF/H
HS08	8	35-1/2	14-7/8	11	1-3/4	3-5/8	14-1/8	7-7/8	1-1/8	8	9-1/2	4	11-3/4	35 LBS	4000 CF/H
HS10	10	41-5/8	16-7/8	13	1-3/4	3-5/8	17-1/4	8-7/8	1-1/4	8	11-1/2	4	14 1/4	60 LBS	7000 CF/H
HS12	12	47-1/2	18-7/8	15	1-7/8	4-3/4	20-1/8	9-7/8	1-1/4	12	13-13/16	4	17	72 LBS	122000 CF/H

## VALVE MODIFICATIONS

SC	304 STAINLESS STEEL BLADE AND GATE LINER, 440 STAINLESS STEEL ROLLERS, 304 OR 18-8 STAINLESS STEEL ROLLER STUD BOLTS.
WS1	INCORPORATES AN ELECTRO-POLISHED BLADE AND PET PRESSURE PLATE SEALS FOR HANDLING STICKY MATERIALS OR APPLICATIONS THAT REQUIRE WATER WASHDOWN.
HT3	APPLICATIONS REQUIRING 250° F CONTINUOUS SERVICE TO 300° F INTERMITTENT SERVICE.
HT4	APPLICATIONS REQUIRING 400° F CONTINUOUS SERVICE TO 450° F INTERMITTENT SERVICE.
P	INLET AND OUTLET FLANGES DRILLED FOR ANSI BOLT HOLE PATTERN.
H SERIES	ALUMINUM MATERIAL CONTACT.
F SERIES	304 STAINLESS STEEL MATERIAL CONTACT.

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