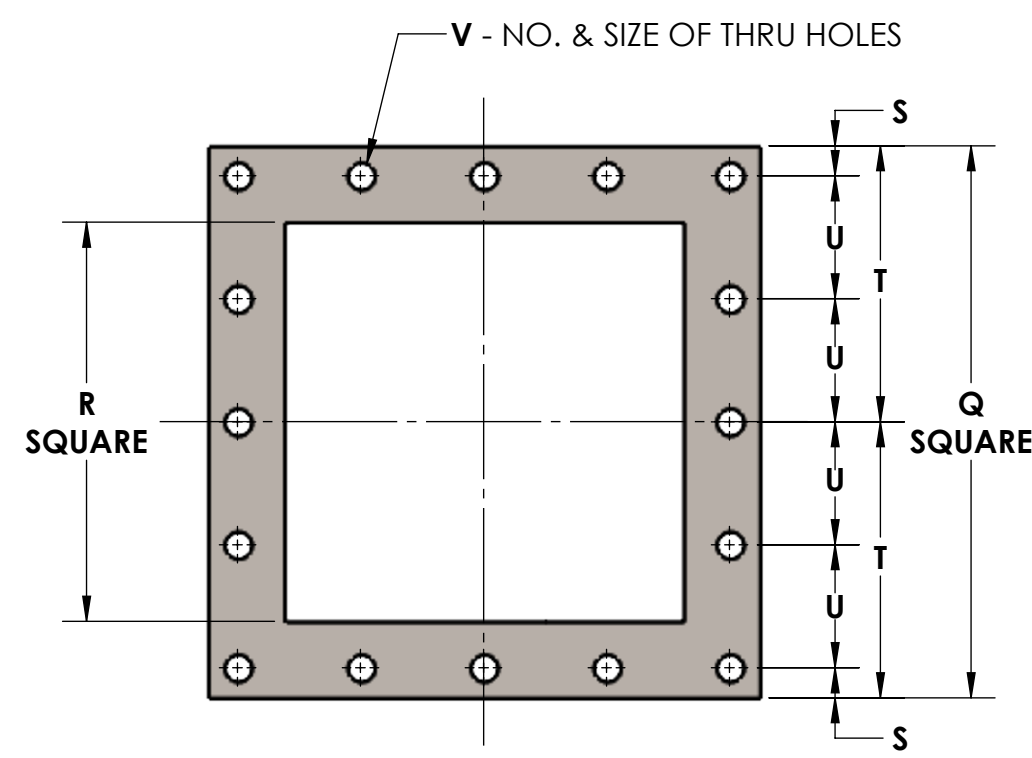
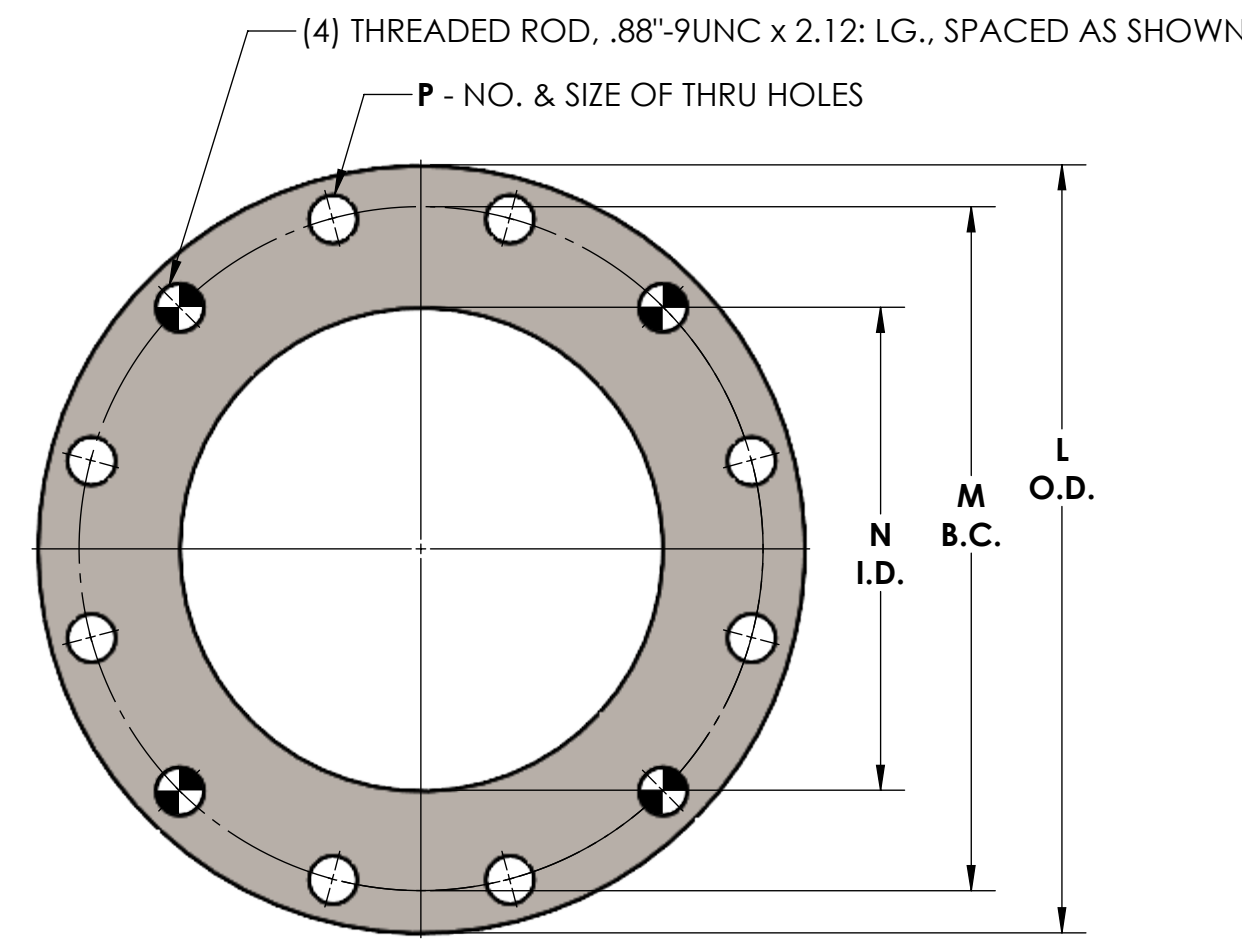


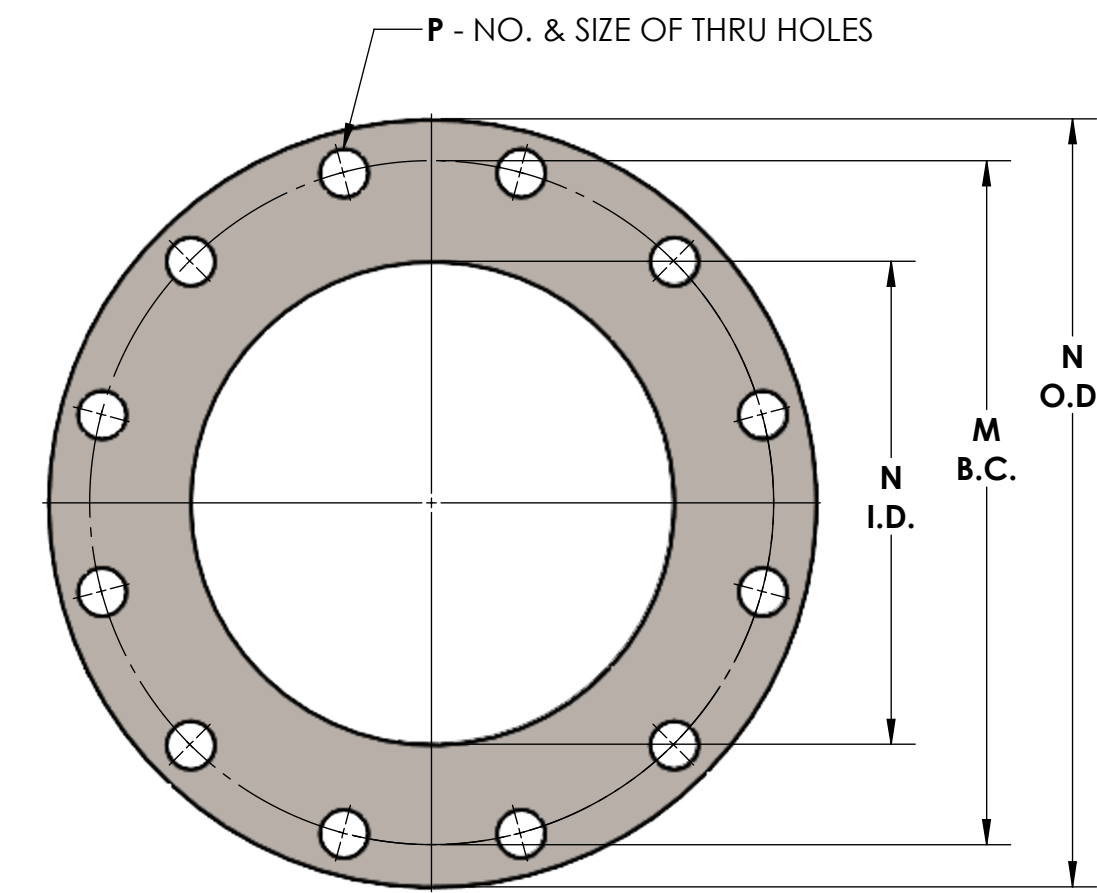
ROUND INLET & OUTLET FLANGE DETAIL
SIZES 4" THRU 8" ONLY
150# ANSI DRILLING



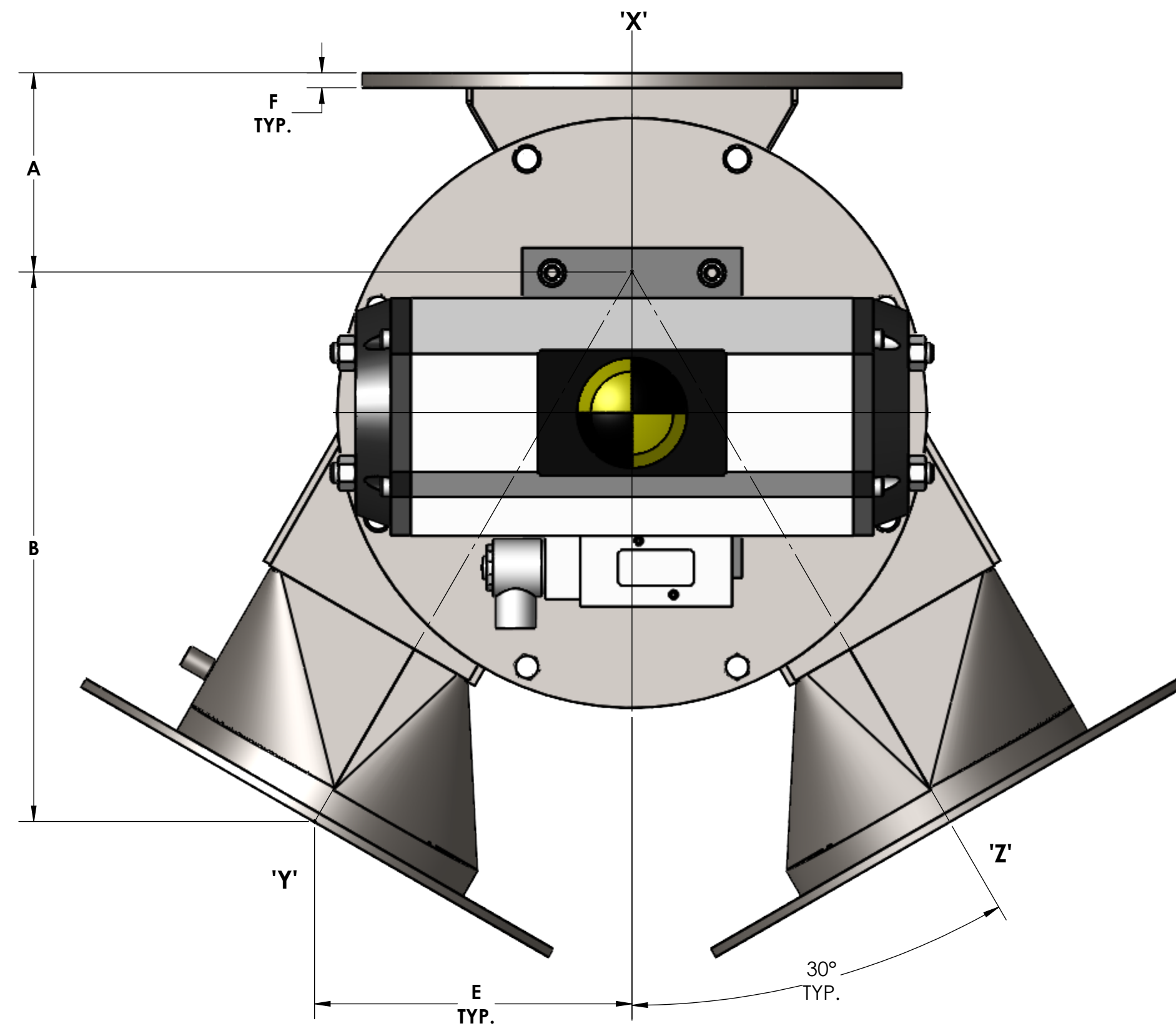
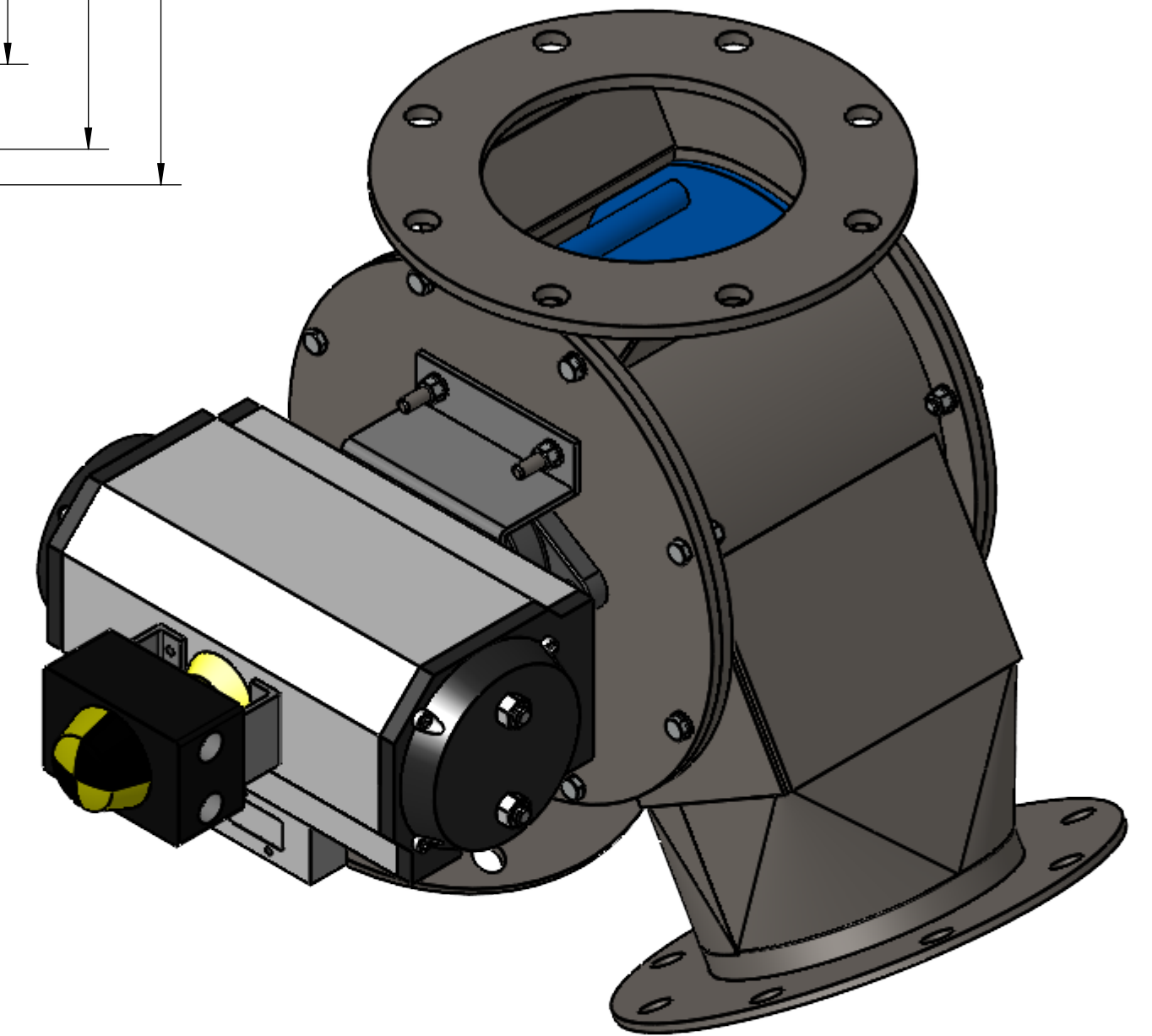
SQUARE INLET & OUTLET FLANGE DETAIL



ROUND INLET FLANGE DETAIL
SIZES 10" AND 12" ONLY
150# ANSI DRILLING



ROUND OUTLET FLANGE DETAIL
SIZES 10" AND 12" ONLY
150# ANSI DRILLING



(NEMA 4, SPDT) 3.44"
(NEMA 4, DPDT) 5.12"
(NEMA 7 & 9, SPDT) 5.25"
(NEMA 7 & 9, DPDT) 6.62"

NOTE: ALLOW CLEARANCE FOR SWITCH COVER REMOVAL

LIMIT SWITCH BOX

SOLENOID VALVE, NAMUR MOUNT

PNEUMATIC ROTARY ACTUATOR

BEARING, 2-BOLT FLANGE TYPE

O-RING SHAFT SEAL

MACHINED DIVERTER BLADE/ROTOR

END OF SHAFT PAINTED YELLOW TO INDICATE GATE POSITION

CERTIFICATION	
CUSTOMER: _____	CUSTOMER NO: _____
	Y.I. ORDER NO: _____
	QUANTITY: _____
MATERIALS OF CONSTRUCTION:	SOLENOIDS:
HOUSING: _____	TYPE: _____
SIDE PLATES: _____	VOLTAGE: _____
GATE: _____	ENCLOSURE: _____
SHAFT: _____	
SEAL MATERIALS:	LIMIT SWITCHES:
HOUSING: _____	TYPE: _____
GATE: _____	ENCLOSURE: _____
SHAFT: _____	REMARKS: _____
TYPES OF ENDS:	
X: _____	
Y: _____	
Z: _____	
DIMENSIONS ON THIS DRAWING ARE CERTIFIED CORRECT FOR THIS ORDER	
PER: _____	DATE: _____
VALVE IS DESIGNED FOR 2 PSIG (MAX) PRESSURE @250°F	

SIZE	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	S	T	U	V
4	3.50	8.88	1.56	10.25	5.12	.25	4.75	5.25	5.59	9.00	7.50	4.00	(8) .75	7.50	4.00	.62	3.12	-	(8) .56
5	4.00	10.31	2.38	11.88	5.94	.25	5.25	5.75	5.59	10.00	8.50	5.00	(8) .88	8.50	5.00	.62	3.62	-	(8) .56
6	4.12	11.88	3.25	13.69	6.81	.25	5.75	6.25	5.59	11.00	9.50	6.00	(8) .88	9.50	6.00	.62	4.12	-	(8) .56
8	5.00	13.75	3.50	15.88	7.94	.38	7.50	8.00	9.38	13.50	11.75	8.00	(8) .88	11.50	8.00	.62	5.12	2.56	(16) .56
10	5.50	16.88	4.62	19.50	9.75	.38	8.50	9.00	9.38	16.00	14.25	10.00	(12) 1.00	14.75	10.00	1.00	6.38	3.19	(16) .56
12	7.31	17.81	4.62	20.56	10.25	.38	9.50	10.00	9.38	19.00	17.00	12.00	(12) 1.00	16.75	12.00	1.00	7.38	3.69	(16) .56
14	7.75	18.25	4.00	21.00	10.50	.38	11.00	11.75	13.06	21.00	18.75	13.00	(12) 1.00	18.75	14.00	1.00	8.38	4.19	(16) .56
16	8.25	21.75	5.00	25.12	11.50	.38	11.50	12.75	13.06	23.50	21.25	15.00	(12) 1.00	20.75	16.00	1.00	9.38	4.69	(16) .56

NOTES:

- VALVES ARE FABRICATED CONSTRUCTION. AVAILABLE IN STEEL, ALUMINUM AND STAINLESS STEEL
- VALVES ARE AVAILABLE WITH ROUND OR SQUARE FLANGED ENDS OR PLAIN ENDS.

GENERAL TOLERANCES	
UNLESS OTHERWISE SPECIFIED THE FOLLOWING SHALL APPLY	
MACHINING - .XX= .02 .XXX= .005 ANGLE= .50°	
SURFACE ROUGHNESS HEIGHT 63 MICRONS OR LESS	
FABRICATION - UNDER 6" 6 TO 24" 24 TO 60" OVER 60"	
± .06 ± .12 ± .19 ± .25	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	

01	CORRECTED PRESSURE NOTE ON CHART	10/03/23	SLB
REV. NO.	DESCRIPTION	DATE	BY
REVISIONS			
CUSTOMER: _____			
CUST. NO: _____			
YOUNG ORDER NO: _____			
TITLE YOUNG INDUSTRIES 30 DEGREE ROTARY VANE DIVERTER VALVE, MODEL 'VT' W/ PNEUMATIC ACTUATOR, STANDARD DIMENSION SHEET			
 HUNCY, PENNSYLVANIA 17756 TELEPHONE: 570-546-3165			
DRAWN BY: BMF	DATE DRAWN: 10/25/18		
CHECKED BY: _____	SCALE: 1:4		
DRAWING NUMBER	S-4-6333		REV: 01