



NOTES:

1. VALVE HOUSINGS ARE CAST OF IRON, ALUMINUM, STEEL OR STAINLESS STEEL; OR FABRICATED OF STEEL OR STAINLESS STEEL. ALL ROTORS ARE FABRICATED OF STEEL, STAINLESS STEEL OR ALUMINUM.
2. VALVE HOUSINGS ARE AVAILABLE WITH ANY COMBINATION OF SQUARE OR ROUND INLET AND OUTLET. USE ROUND OUTLET WITH ANY FREE FLOWING MATERIAL. ROUND FLANGES MATCH 150# ANSI DRILLING.
3. VALVES HAVING A ROUND INLET OR OUTLET WITH HAVE CAST HOUSINGS.
4. VALVES ARE DESIGNED FOR 15 PSIG INTERNAL & 5 PSIG DIFFERENTIAL PRESSURE @ 150 DEGREES F.

Size	ROTOR DIA x LENGTH	ROTOR CAP. CU. FT. / REV.				STD. RPM	STD. H.P.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	WEIGHT C/S	ROTOR WEIGHT
		AS	BS	CS	DS																											
6	6 x 5.50	.0622	.0513	.0243	.0549	38	.50	10.00	24.50	19.00	5.50	16.00	.44	1.19	13.56	.25 x .12 x 2.62	11.00	9.50	6.00	(4) .88	(4) .75-10UNC-28	9.50	6.00	.62	4.12	-	(6) .56	(2) .50-13UNC-28	13.31	20.38	255	10
8	8 x 7.50	.155	.114	.078	.146	38	.50	12.00	27.00	20.25	6.75	17.62	.44	1.44	15.12	.38 x .19 x 2.62	13.50	11.75	8.00	(4) .88	(4) .75-10UNC-28	11.50	8.00	.62	5.12	2.56	(14) .56	(2) .50-13UNC-28	14.38	20.38	325	16
10	10 x 9.50	.323	.200	.124	.336	32	.50	14.00	30.19	22.19	8.00	18.69	.44	1.94	15.50	.50 x .25 x 2.62	16.00	14.25	10.00	(8) 1.00	(4) .88-9UNC-28	14.75	10.00	1.00	6.38	3.19	(14) .56	(2) .50-13UNC-28	15.38	20.38	400	25
12	12 x 11.25	.545	.315	.178	.598	32	.75	17.00	32.88	23.38	9.50	19.88	.56	1.94	16.69	.50 x .25 x 2.62	19.00	17.00	12.00	(8) 1.00	(4) .88-9UNC-28	16.75	12.00	1.00	7.38	3.69	(14) .56	(2) .50-13UNC-28	16.38	20.38	550	46
14	15 x 12.25	.762	.507	.195	.811	32	.75	20.00	35.06	24.56	10.50	21.06	.56	2.19	17.88	.50 x .25 x 2.62	21.00	18.75	13.00	(8) 1.12	(4) 1.00-8UNC-28	18.00	13.00	1.00	8.00	4.00	(14) .56	(2) .50-13UNC-28	18.00	20.38	700	72

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION

REV. NO.	DESCRIPTION	DATE	BY
REVISIONS			
CUSTOMER			
CUST. NO.			
YOUNG ORDER NO.			
TITLE			
YOUNG INDUSTRIES MODEL 'QC-LH' ROTARY VALVE, SIZE 6" - 14", CLASS 15 WITH PARALLEL SHAFT DRIVE, SHROUDED ROTOR STANDARD DIMENSION SHEET			
THE YOUNG INDUSTRIES, INC. MUNFORD, PENNSYLVANIA 17756 TELEPHONE: 570-546-3165			
DRAWN BY: BMF		DATE DRAWN: 4/12/16	
CHECKED BY:		SCALE: 1:3.5	
DRAWING NUMBER		S-4-7450	
			REV: