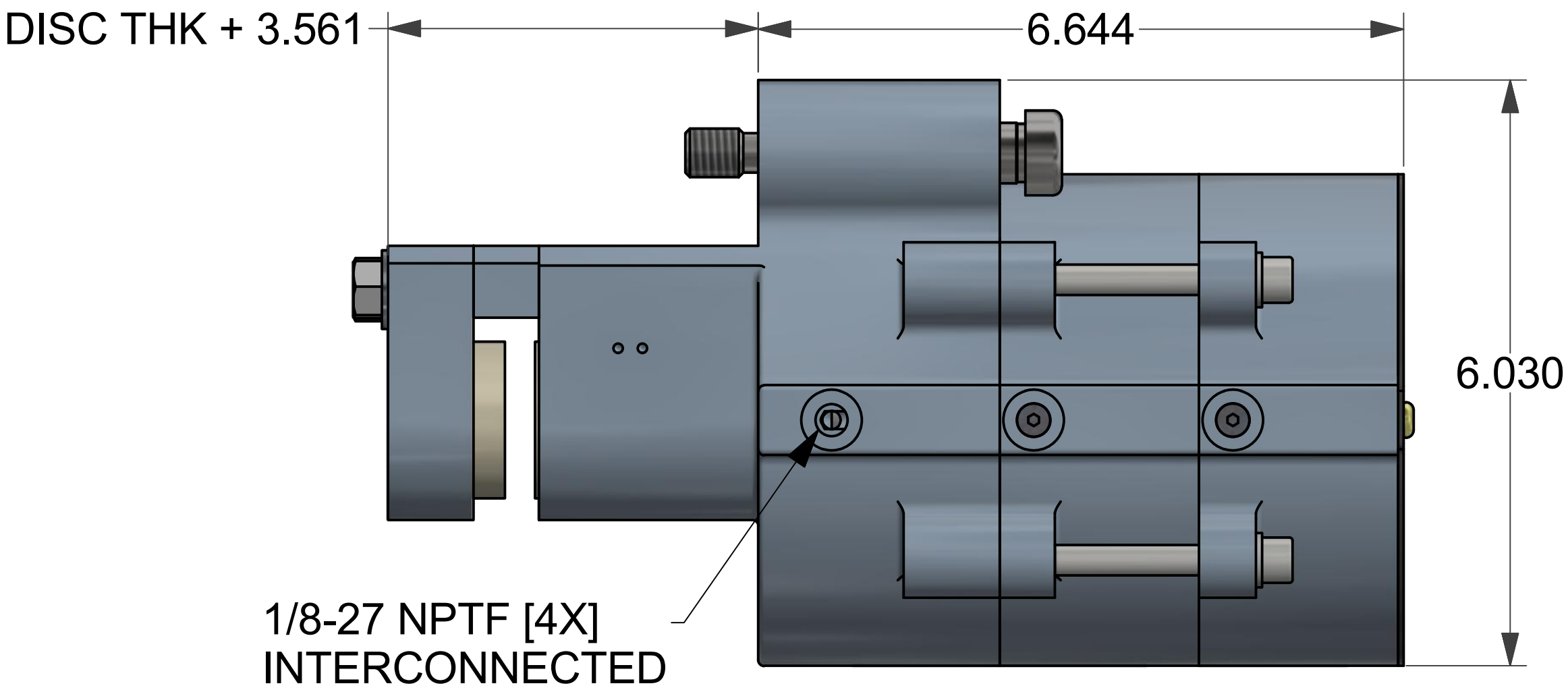
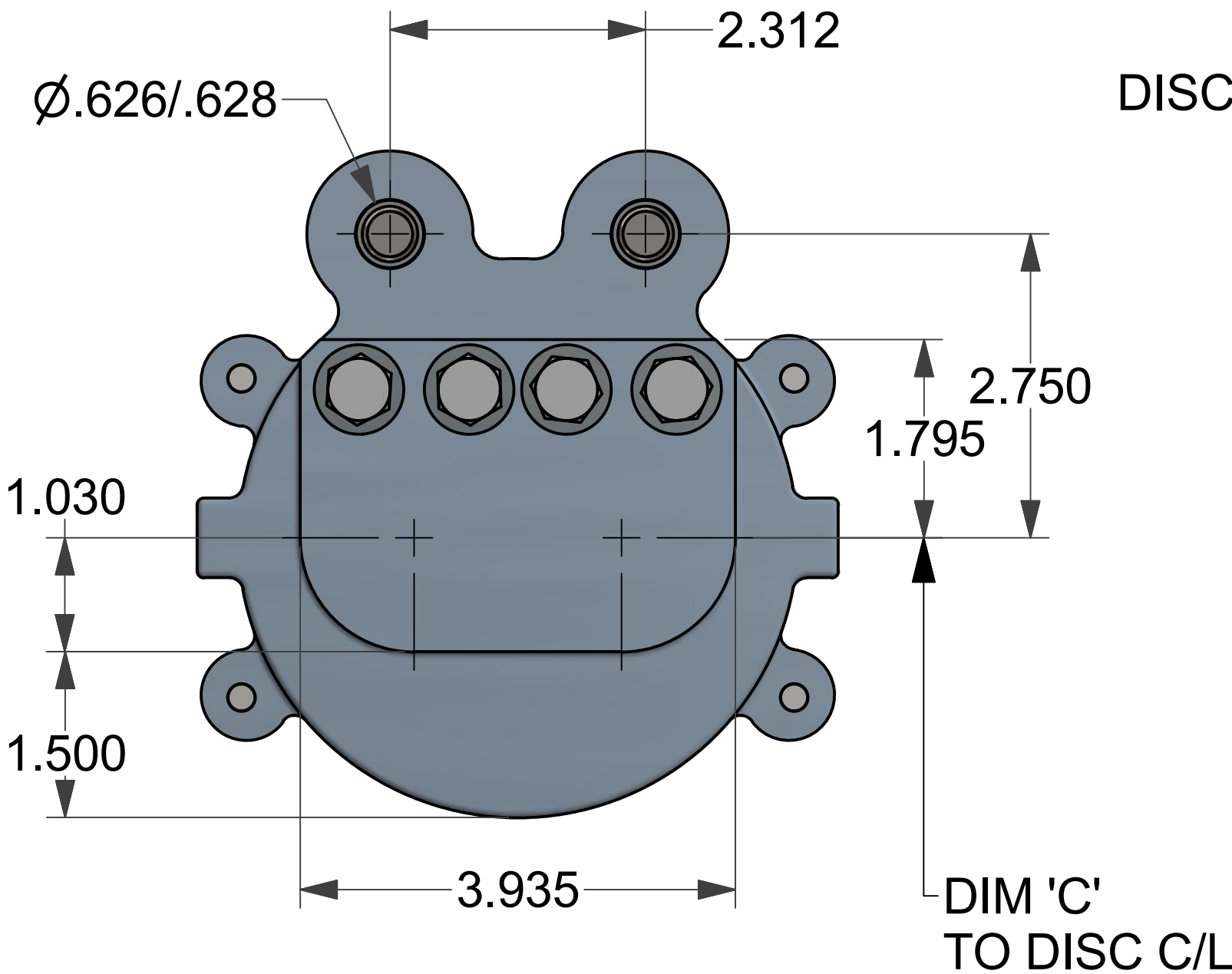
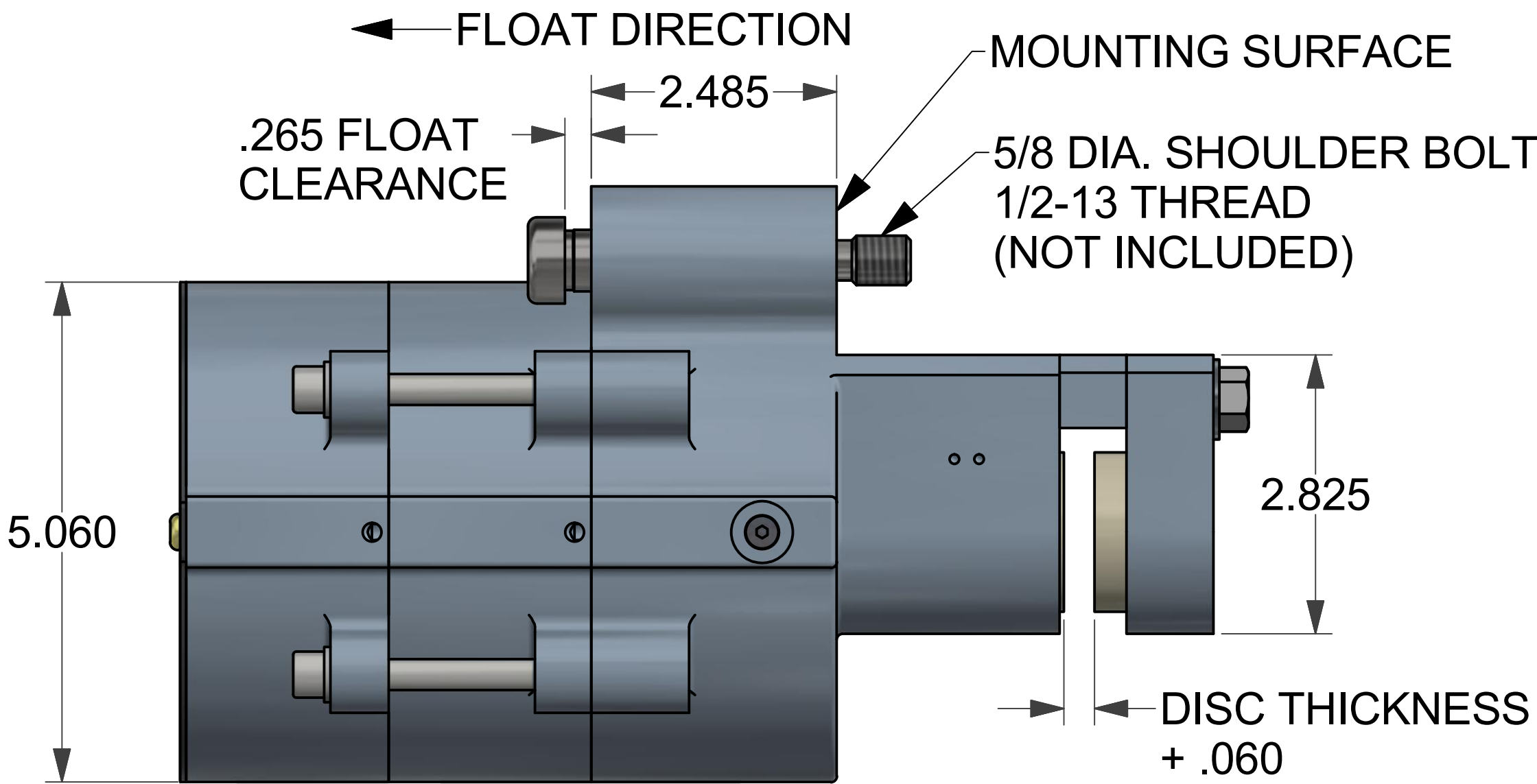
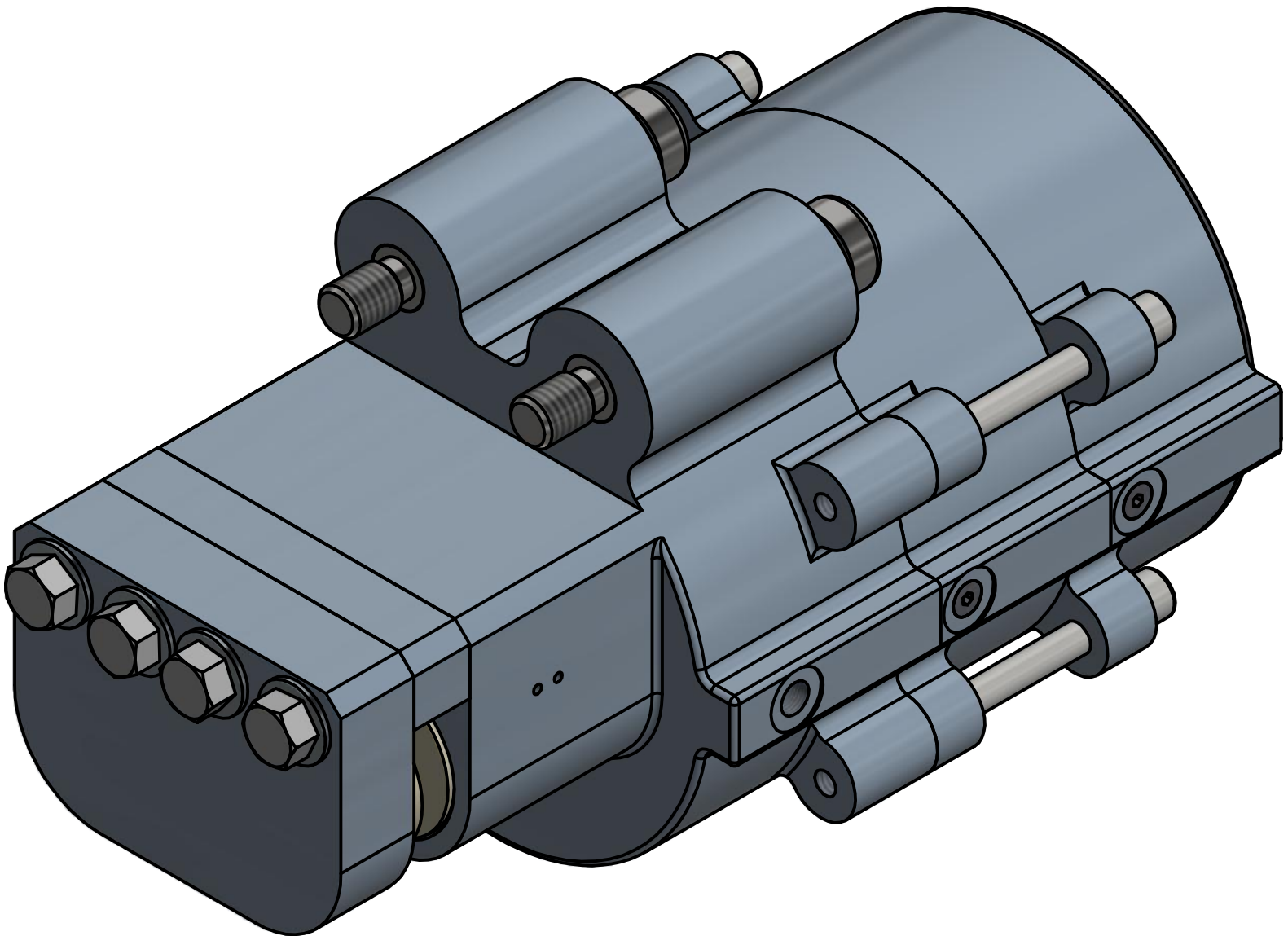


ASSY. NO.	MODEL	DISC THK.
4004-0771	PFS400AF	.156
4004-0772	PFS400BF	.250
4004-0773	PFS400LF	.375
4004-0774	PFS400EF	.500
4004-0775	PFS400JF	.625
4004-0776	PFS400TF	.750
4004-0777	PFS400OF	1.0
4004-0778	PFS400QF	1.125


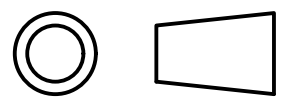
TOTAL PAD WEAR, INCHES	TANGENTIAL FORCE, LBS.
0	1,859
.06	1,549
.12	1,239
.18	929
.24	619
.30	309
.36	0

- * PFS400 SERIES BRAKES ARE FOR EMERGENCY STOP & HOLD APPLICATIONS ONLY
- * TORQUE = TANGENTIAL FORCE X BRAKING RADIUS, INCHES
- * 100 PSI RELEASE PRESSURE
- * UNLIMITED DISC DIAMETER
- * 4,130 LBS. OF CLAMPING FORCE
- * .45 COFF. OF FRICTION, PAD #951023
- * 8.19 SQ. INCHES OF FRICTION PAD AREA
- * 1.52 CUBIC INCHES OF WEARABLE PAD VOLUME
- * CAST ALUM. CONSTRUCTION
- * HARD COATED HOUSINGS
- * (2) SPRING STACKS IN PARALLEL 24 EA.
- * BUNA N SEALS, VITON OPTIONAL



BRAKING RADIUS (IN) = SQ. ROOT OF (DIM 'C' SQUARED + .8789)

DISC DIA.	DIM. 'C'	BRAKING RADIUS
8.0	3.030	3.17
10.0	4.030	4.14
12.0	5.030	5.11
16.0	7.030	7.09
18.0	8.030	8.08
20.0	9.030	9.08
22.0	10.030	10.07
30.0	14.030	14.06

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UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING REMOVE ALL BURRS TAP DEPTHS FULL THRD DRILL DEPTHS FULL DIA.	THIRD ANGLE PROJECTION 		DESIGNER	DATE	
			CR	1/12/2014	
TOLERANCES .XX = ± .010 .XXX = ± .005 .XXXX = ± .0005	MATERIAL		REVISED BY	DATE	
THREADS EXTERNAL CLASS 2A INTERNAL CLASS 2B	WEIGHT N/A		TITLE PFS400 SERIES SPRING APPLIED/AIR RELEASE		
SCALE .75		SHEET 1 of 1	SIZE D	DRAWING NO.	REV