



SECTION A-A
SCALE 1 : 1.5

DETAIL B
SCALE 1 : 1
THRUST COLLAR

NOTES:

1. MAXIMUM SPEED IS 20,000 RPM.
2. SUPPLY PRESSURE OPERATING RANGE 60-140 PSIG (414-965 KPA).
3. MAXIMUM CAPACITY AT 140 PSIG AND 20,000 RPM IS 237 LBF (1054.2 N).
4. TOTAL ESTIMATED FLOW CONSUMPTION OVER SPEED AND LOADING RANGE IS 68-95 SCFH (42-58 SLPM) AT 60PSIG (414 KPA) WITH AIR.
5. MAXIMUM OPERATING TEMPERATURE IS 212°F (100°C).
6. BOTH THRUST BEARINGS MUST BE VENTED TO GAUGE PRESSURE AT I.D. AND O.D.
7. RTD OPTION IS AVAILABLE UPON REQUEST.

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CUSTOMER PRINT

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY		
8	CUSTOMER	RETAINER PLATE	CUSTOMER SPECIFIED	1		
7	CUSTOMER	SHAFT/THRUST COLLAR	CUSTOMER SPECIFIED	1		
6	CUSTOMER	STATOR	CUSTOMER SPECIFIED	1		
5	90-0627	10-24 X 1.75" SHCS	316 STAINLESS STEEL	6		
4	90-0302	O-RING -156	VITON 75A	2		
3	90-0305	O-RING -164	VITON 75A	4		
2	80-00675	3" THRUST SPACER	316 STAINLESS STEEL	1		
1	160-0003	STANDARD 3" THRUST BEARING	316SST/GRAPHITE	2		
TITLE: STANDARD 3" DOUBLE OPPOSED THRUST BEARING						
DRAWN: MZ DATE: 08/02/23					MATERIAL: SEE BOM	
CHECKED: PJM DATE: 8/8/23					HEAT TREAT: -	
SCALE: 1:3 SHT: 1 OF 1					FINISH: -	
USED ON (NW #):		FINISH: -		DWG. #	REV.	
TOP LEVEL		-		NW-TB-03-01	-	