



- GENERAL NOTES:**
- CONSULT INSTRUCTION BOOK BEFORE INSTALLING PUMP.
  - ALL DIMENSIONS GIVEN IN INCHES [mm] AND WEIGHTS IN POUNDS [Kg].
  - ALL PIPE TAPS ARE STANDARD N.P.T. THREADS.
  - ALL HOLES IN FLANGES STRADDLE CENTERLINES.
  - ALLOW .25" [6 mm] FOR VARIATION OF FOUNDATION BOLT HOLES.
  - STANDARD TOLERANCE FOR CUSTOMERS PIPE CONNECTIONS ARE AS FOLLOWS:  
 A. ±.25" [±6 mm] ON ALL (2) PLACE DECIMAL DIMENSIONS  
 B. ±1.00" [±25 mm] ON ANY FLUSH, DRAIN OR COOLING PIPING FLANGE LOCATION DIMENSIONS AND ANY ELECTRICAL CONNECTIONS.  
 C. OR AS SPECIFIED FOR SPECIFIC DIMENSIONS ON THE GENERAL ARRANGEMENT.
  - FOUNDATION BOLTS AND PIPING SHOULD NOT BE SET RIGIDLY UNTIL RECEIPT OF EQUIPMENT.
  - ALLOW .75" [19 mm] MINIMUM UNDER BASEPLATE FOR GROUTING.
  - RECHECK ALIGNMENT AFTER UNIT REACHES OPERATING CONDITIONS.
  - THE DESIGN OF PIPING SYSTEM, FOUNDATIONS, AND OTHER AREAS OF SYSTEM DESIGN IS THE RESPONSIBILITY OF OTHERS. FLOWERVE CORPORATION DATA AND COMMENTS ARE OFFERED AS AN AID, BUT FPD CANNOT ASSUME RESPONSIBILITY FOR THE DESIGN AND OPERATION. WE RECOMMEND THAT THE CUSTOMER CONSULT A SPECIALIST SKILLED IN THE DESIGN OF FOUNDATIONS, PIPING, SUMPS AND RELATED SYSTEMS SO AS TO SUPPLEMENT AND INTERPRET FLOWERVE CORPORATION INDUSTRIAL PUMP DIVISION INFORMATION AND ENSURE A SUCCESSFUL INSTALLATION.
  - DRIVER DIMENSIONS ARE APPROXIMATE. REFER TO CERTIFIED DRIVER DIMENSIONS DRAWING FOR EXACT DIMENSIONS, IF NEEDED.
  - USE ONLY SIGNED CERTIFIED PRINTS FOR CONSTRUCTION.
- ⊙ = ESTIMATED CENTER OF GRAVITY

BD	BASEPLATE DRAIN	1.50" NPT
CD	PUMP CASING DRAIN	1/2" NPT (PLUGGED)
D	PUMP DISCHARGE	1.00"-150# ANSI R.F. FLANGE W/ .500-13 UNC-2B TAPPED HOLES
S	PUMP SUCTION	1.50"-150# ANSI R.F. FLANGE
LABEL	DESCRIPTION	CONNECTION TYPE

**CUSTOMER CONNECTIONS**

P.O. No.: 4505555756	TAG No.: 18-P-1854A/B
CUSTOMER: WORLD ENERGY PARAMOUNT	SERVICE: 50 WT% CITRIC ACID TRANSFER PUMPS
EQUIPMENT OWNER: AIR PRODUCTS MANUFACTURING LLC	ITEM: 002
WBS NUMBER: 1860, UTILITIES & OFFSITES	SERIAL No.: 1408912CHP002A/B

**CUSTOMER INFORMATION**

JOB NUMBER 1408912	Chesapeake, VA USA Operations
DRWN: MaHa DATE: 19-Dec-2021	DRAWING TITLE <b>GENERAL ARRANGEMENT</b> 1K 1.5X1LF-82OP W/ 184T FR. MARK 3 LO-FLO - ----
CHKD: MaM DATE: 20-Dec-2021	SIZE <b>A2</b>
APVD: GoLa DATE: 20-Dec-2021	DRAWING NUMBER <b>F000222594</b>
3D MODEL NO. / REV. --- / ---	REV. <b>3</b>
APPROX. WEIGHT --- (---)	3rd ANGLE SCALE: NTS
	DIM. UNITS: inch[mm]
	SHEET: 1 OF: 1

1	00085833	07-MAR-2022	MAHA	MAM	GOLA
	DESC: CHANGED COUPLING TO THOMAS SERIES DBZ-C 101				
2	00100018	08-Nov-2022	ThMu	NaVi	GoLa
	DESC: Customer Comments Updated				
3	00103915	25-Jan-2023	SwR	MaM	GoLa
	DESC: Customer comments updated				
REV.	CHG NO.	DATE	REVD	CHKD	APVD

STATUS  
CERTIFIED BY

CERTIFIED

WEIGHT (APPROX)		COUPLING		DRIVER DATA	
	lb [kg]	TYPE	THOMAS	MFR. ABB/BALDOR	
PUMP	103 [47]	MODEL	DBZ-C	ENCLOSURE TEFC	
DRIVER	127 [58]	SIZE	101	FRAME 184T	
BASE	230 [104]	SHAFT GAP		HP [kW] 5 [3.7] RPM 1800	
COUPLING	3 [1]	SHAFT DIAMETER		CHARACTERISTIC 3/60/460	
CPL. GRD.	5 [2]	KEYWAY			
TOTAL	468 [212]				

ALL DIMENSIONS ARE REFERENCES UNLESS OTHERWISE SPECIFIED

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