

121-138 In-Line Circulators | Submittal Data

Submittal No: 301-007 | Effective: July 07, 2023 | Supersedes: October 11, 2022

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____

MODEL NO. _____

IMPELLER DIAMETER _____ HP _____

GPM _____ VOLTAGE _____

T.D.H. _____ WEIGHT _____

PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

MODEL NUMBER (1)		121	122	131	132	133	138
FLANGE SIZE		2 1/2"	3"	3"	3"	3"	3"
MOTOR (2)	60C/AC, 1 PH	1/4 HP, 115 V	1/4 HP, 115 V	1/3 HP, 115 V	1/2 HP, 115/230 V or 200-230/460/60/3	3/4 HP, 115/230 V or 200-230/460/60/3	1 HP, 115/230 V or 200-230/460/60/3
	RPM	1725	1725	1725	1725	1725	1725
A	IN.	18 1/8	18 1/8	19 1/4	21 1/2	22 1/8	22 5/8
	MM	460.4	460.4	489.0	546.1	562.0	574.0
B	IN.	15 7/8	15 7/8	15 3/4	18	18 5/8	19 1/8
	MM	403.2	403.2	400.1	457.2	473.1	485.8
C	IN.	14 1/4	13 5/8	16	16	16	16
	MM	362.0	346.1	406.4	406.4	406.4	406.4
D	IN.	11 1/8	11 1/8	13 5/8	13 5/8	13 5/8	13 5/8
	MM	282.6	282.6	346.1	346.1	346.1	346.1
SHIPPING WEIGHT	LBS.	72	72	95	108	113	118
	KG	32.7	32.7	43.1	49.0	51.3	53.5

(1) When specifying all SS - non NSF construction, add letter "D" after model number (i.e. 132D).
When specifying all SS NSF construction, add letter "N" after model number (i.e. 132N).
When specifying cast iron - SS fitted construction, add letter "E" after model number (i.e. 132E).

(2) Motors are available with other electrical characteristics - consult your Taco representative.

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().
Do not use for construction purposes unless certified.

SPECIFICATIONS

- Body – Flanged in-line connections. Companion flanges are included.
- Flanges – Flanges are tapped for gauges (1/4" NPT).
- Impeller – Closed, dynamically balanced.
- Drive Coupling – Non-Metallic, vibration dampening.
- Frame – Ball bearing type, permanently lubricated.

REMOVABLE BEARING CARTRIDGE FITS ALL MODELS.

- Mechanical Seal –

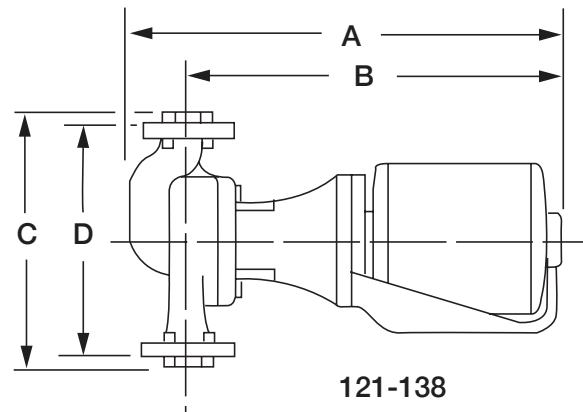
Type 21 2 Piece Standard – 250°F (121°C) Operating Temperature

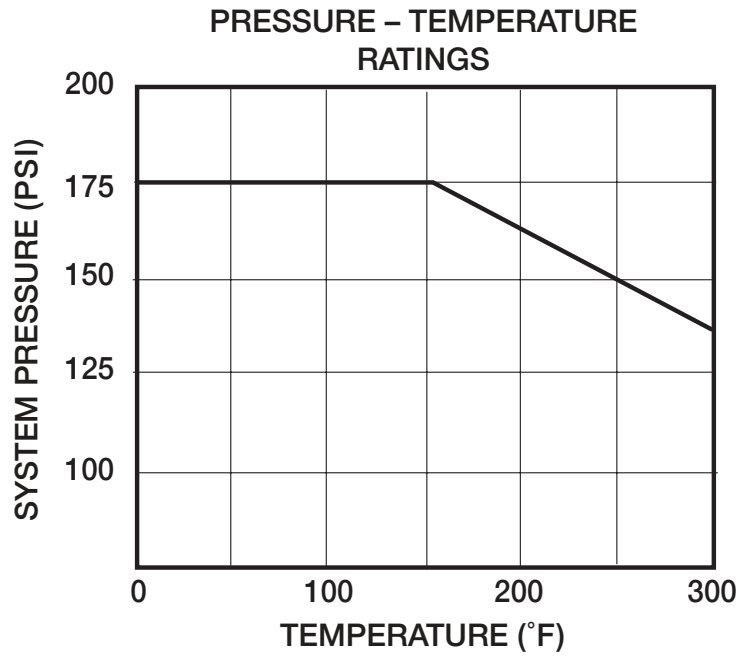
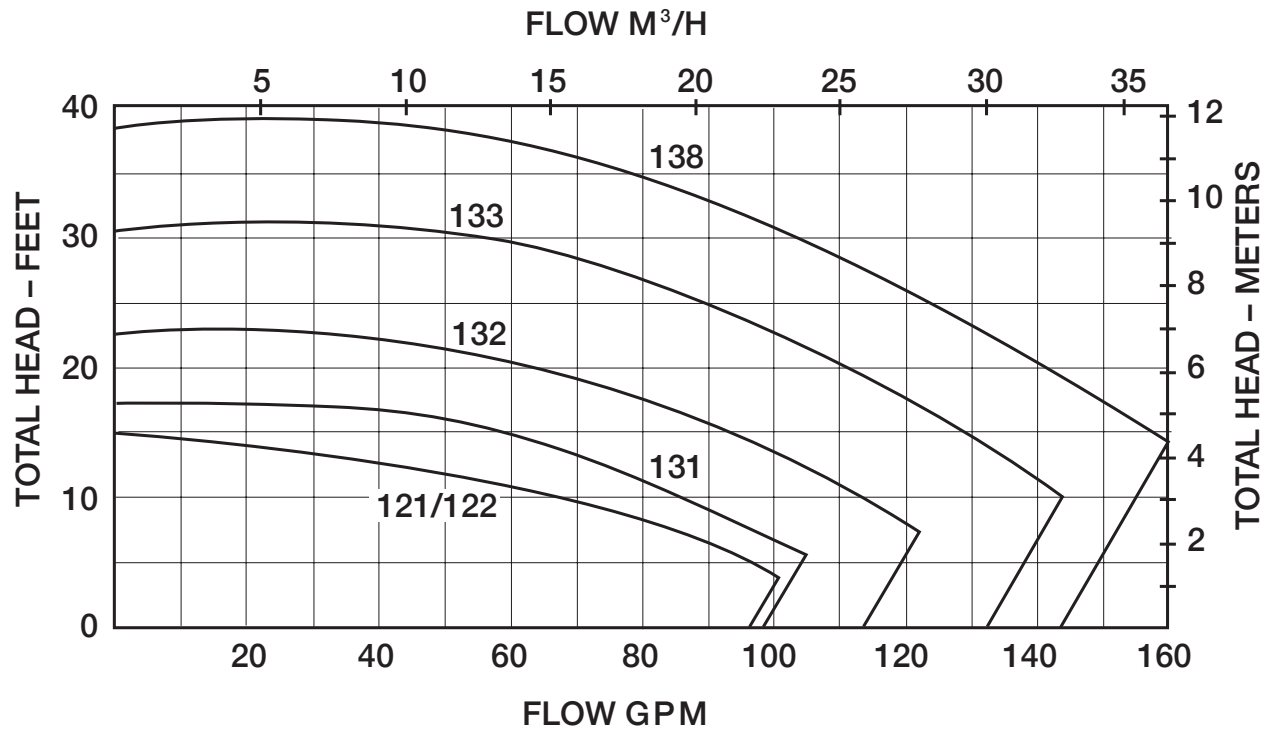
High Temperature – 300°F (149°C) Operating Temperature

- Working Pressure – 175 PSI (1207 kpa).

In accordance with ANSI Standard B16.1.

MATERIALS OF CONSTRUCTION	STANDARD	OPTIONAL
CASING	Cast Iron	304 Stainless Steel
IMPELLER	304 Stainless Steel	N/A
SHAFT	Stainless Steel 416	N/A
BRACKET	Cast Iron	Cast Iron with Stainless Steel Face Plate





COMMENTS