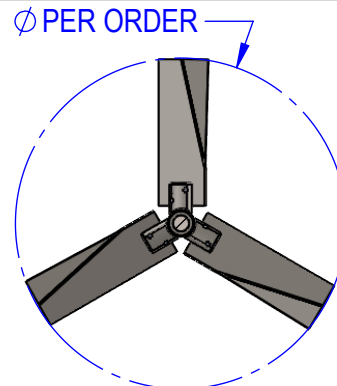


MOST COMMON AVAILABLE OPTIONS:

- SINGLE PHASE TEFC MOTOR ($\leq 10\text{HP}$)
- 50 Hz INVERTER DUTY MOTOR
- UP TO 250HP 3 PHASE MOTOR
- SANITARY MOTOR
- EXPLOSION PROOF MOTOR
- TRICLAMP MOUNT
- VAPOR SEALS, HIGH OR LOW PRESSURE
- STUFFING BOXES, SINGLE OR DOUBLE
- MECHANICAL SEALS
- ALTERNATE IMPELLER SIZES AND TYPES
- SANITARY FINISHES

**SECTION A-A: IMPELLER DETAIL**

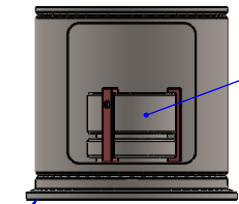
MAINTENANCE WINDOW W/
ROLLED STAINLESS GUARD
(NOT SHOWN)



PER ORDER

Ø PER ORDER

ITEM NO.	DESCRIPTION	QTY.
1	MOTOR - TECO #NPV0014C (OR EQUIVALENT) 1 HP, 1800 RPM, TEFC, 208-230/460V, 60Hz, 3 PHASE, INVERTER DUTY, CAST IRON	1
2	GEARBOX - TWO STAGE HELICAL DRIVE, OUTPUT SPEED PER ORDER, CAST IRON, PAINTED STEEL	1
3	PEDESTAL - ALL STAINLESS, ANSI OR TRI-CLAMP MOUNT (316), SEAL GLAND PER ORDER	1
4	SHAFT - DIAMETER AND LENGTH PER ORDER, 316 TYPICAL	1
5	IMPELLER - SIZE, STYLE, & QTY PER ORDER, 316 TYPICAL	1

ANSI FLANGE
SHOWNSECOND IMPELLER
(OPTIONAL)FSMS MECHANICAL
SEAL SHOWNOPTIONAL TRI-CLAMP
MOUNT**-# BEARING HOUSING OPTIONS**

-1	HEAVY DUTY/STANDARD SPAN
-2	SPREAD BEARING
-3	SPREAD BEARING/VIRTUAL DRYWELL

SEAL TYPE	NOTES
LIP SEAL	SINGLE, DOUBLE; VITON, FDA PTFE, & MORE
STUFFING BOX	LOW PRESSURE (15 PSI) OR HIGH PRESSURE (150 PSI)
MECHANICAL	SINGLE, DOUBLE; ROPLAN, FLOWSERVE, CHESTERTON, & MORE

DIMENSIONS NOTED ARE APPROXIMATE AND ARE BASED ON TYPICAL MIXER CONFIGURATION. MOTOR AND SEAL SELECTION WILL AFFECT OVERALL HEIGHT. PLEASE CONTACT FUSION FOR FURTHER DETAILS.


DIMENSIONS

DIM	FG-0F	FG-1F	FG-2F	FG-3F	FG-4F	FG-5F	FG-6F	FG-7F	FG-8F	FG-8.5F	FG-9F	FG-9.5F	FG-10.5F	FG-11.5F
H	27.0	27.3	33.2	34.2	39.8	45.0	51.7	54.4	56.1	56.1	59.1	59.1	61.3	68.9
L	4.1	4.8	5.8	7.0	8.1	9.9	11.1	12.5	14.2	14.2	18.3	18.3	20.7	24.8

TYPICAL IMPELLER OPTIONS

BOLTED PF3 HYDROFOIL	BOLTED PBT (PITCH BLADE TURBINE)	RADIAL	RUSHTON

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
NO TOLERANCES IMPLIED
DO NOT SCALE DRAWING

A2	C	UPDATE FORMAT	05/21/25
ZONE	REV.	DESCRIPTION	DATE
REVISIONS			
	NAME	DATE	 FUSION FLUID EQUIPMENT
DRAWN	SB	04/21/22	
CHECKED	MB	04/21/22	
PROPRIETARY AND CONFIDENTIAL			
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FUSION FLUID EQUIPMENT LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF FUSION FLUID EQUIPMENT LLC IS PROHIBITED.			
TITLE:		FUSION FLOW FG-F MIXER SALES DRAWING	
SIZE	DWG. NO.		REV
A	SALES-FG-F		C
SCALE: 1:18 WEIGHT:			SHEET 1 OF 1