



A Met-Pro Fluid Handling Technologies Business
Combining the Resources of Dean Pump, Fybroc & Sethoo

FYBROC® SERIES 7530 CLOSE COUPLED CANTILEVER PUMPS

BACK-UP VAPOR SEAL OVERFLOW VENT

Additional protection for motor bearings in the event of a vapor seal failure.

Pump Column -

Constructed of FRP

and designed to minimize deflection. One piece column assembly (pump cover on one end and mounting plate/motor adapter on the other end) designed to fit all pump and motor combinations.

POLYPROPYLENE SLINGER (DEFLECTOR)

Additional protection for the motor bearings from pumpage.

OVERSIZE MOTOR THRUST BEARING

Assures long operating life by handling the impeller radial and axial hydraulic loads.

OPTIONAL FRP SHAFT SLEEVE WITH O-RING SEAL

Same material construction as that used on the other FRP parts and components. Provides added corrosion resistance for applications where 316SS is not suitable.

SHAFT VAPOR SEAL

Designed to protect the motor bearings from corrosive vapors.

EXTENDED 316SS LARGE DIAMETER MOTOR SHAFT

Directly keyed to the impeller and designed for minimal deflection.

DUAL PUMP COLUMN RELIEF HOLES

Designed to prevent liquid from reaching the vapor seal.

ONE-PIECE REINFORCED CASING WITH INTEGRAL FLANGES

Gusseted flat face flanges meet ASME/ANSI B16.5 Class 150. Also available with ISO/JIS flanges.

EASILY REPLACEABLE RESTRICTION BUSHING

Designed to limit the flow of liquid into the column.

SEMI-OPEN IMPELLER

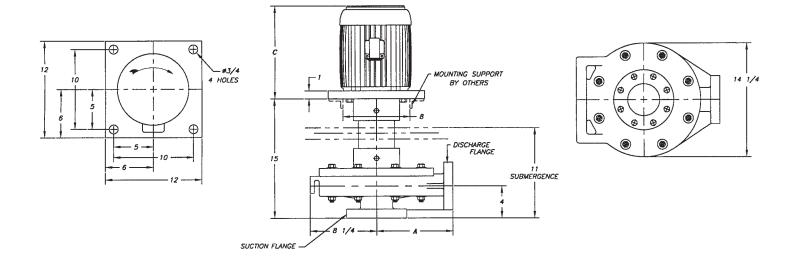
Keyed to shaft to prevent accidental reverse rotation damage.

AXIALLY CLAMPED O-RING BETWEEN CASING AND COVER

Fully confined to prevent leakage/blowout.

316SS IMPELLER ADJUSTMENT SHIMS

Used to set proper impeller clearance and to obtain maximum pump efficiency.



FLANGE	O.D.	THICK.	B.C.	NUMBER OF HOLES	SIZE OF HOLES
1	41/4	1	31/8	4	3/4
11/2	5	11/8	37/8	4	5/8
2	6	11/8	4 3/ ₄	4	3/4
3	71/2	13/16	6	4	3/4
4	9	11/4	71/2	8	3/4

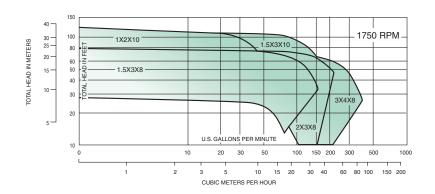
PUMP SIZE	SUCTION	DISCHARGE	Α
11/2 x 3 x 8	3	11/2	81/2
2 x 3 x 8	3	2	91/2
3 x 4 x 8	4	3	11
1 x 2 x 10	2	1	81/2
11/2 x 3 x 10	3	11/2	81/2

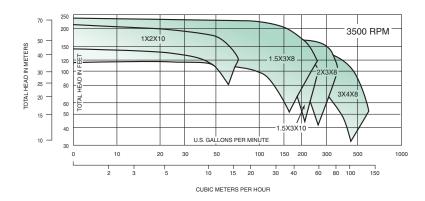
MOTOR FRAME	С
213TCZ/215TCZ	18 ¹ / ₄
254TCZ/256TCZ	21
284TCZ/286TCZ	241/4

NOTES:

- All dimensions in inches. Flanges are ASME/ANSI B16.5 Class.
 150 lb. Flat Face.
- 2) Rotation is clockwise facing motor fan guard.

WARNING: Do not operate without liquid in pump. Do not operate in reverse rotation.







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