

blackmer

A DOVER COMPANY

1809 CENTRY AVENUE
GRAND RAPIDS, MICHIGAN 49503

TYPE

SIZE

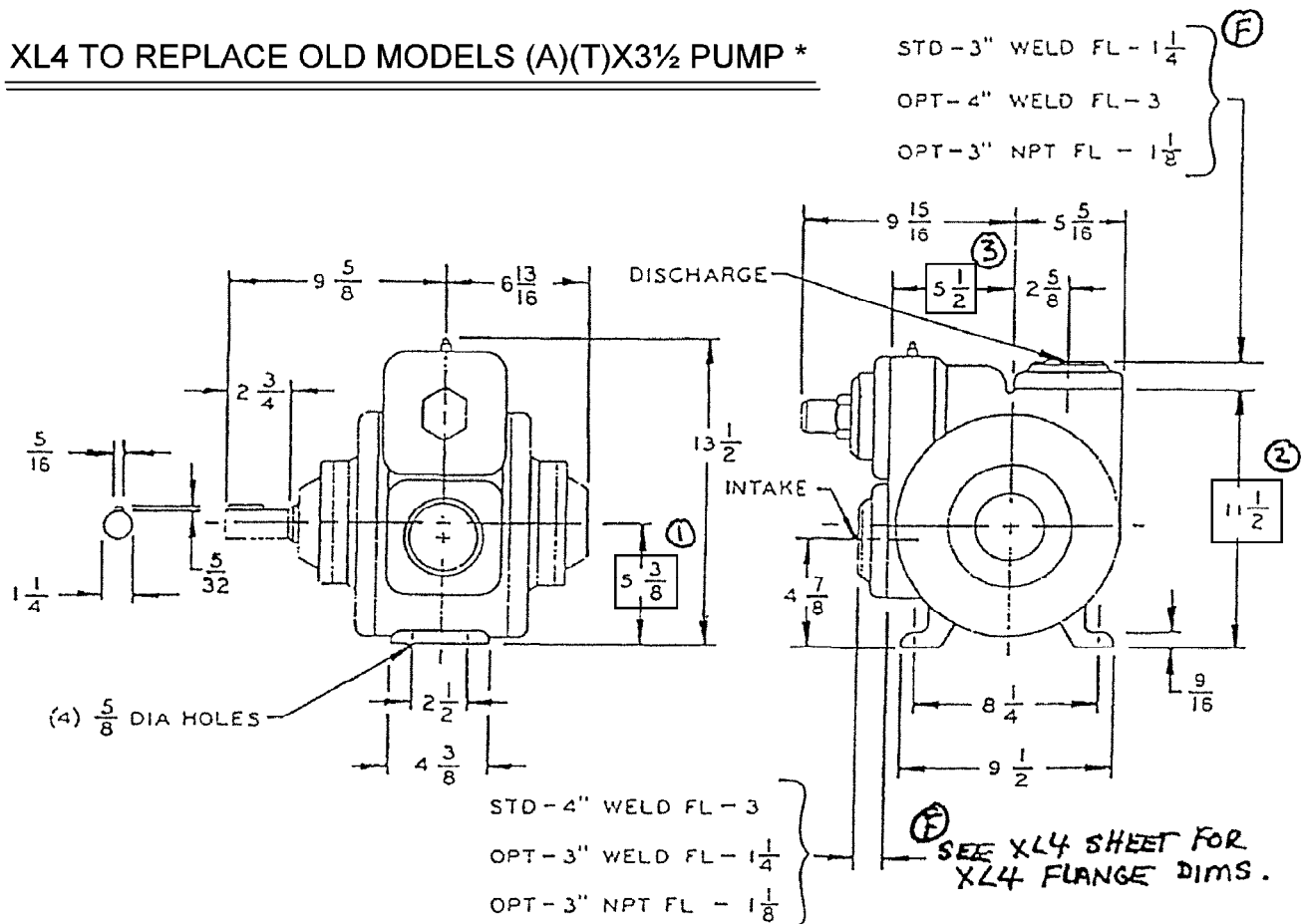
UNIT
STYLE

X(S)

3 1/2 A

PO

UPGRADE 101-990

SECTION 101
EFFECTIVE NOV 1988
REPLACESRIGHT HAND ROTATION. FOR LEFT HAND ROTATION,
SHAFT PROJECTION IS OPPOSITE THAT SHOWN.XL4 TO REPLACE OLD MODELS (A)(T)X3 1/2 PUMP *

ALL DIMENSIONS IN INCHES

*USE IN CONJUNCTION WITH
XL4 DIMENSION PAGE 107/105

	(A)(T)X3 1/2	XL4	DIFF. XL4 TO X 3 1/2
(1) Shaft center-line (coupling)	5 3/8 in.	5 15/16 in.	Plus 9/16 in.
(2) Height to discharge port	11 1/2 in.	13 7/16 in.	Plus 1 15/16 in.
(3) Centerline to inlet port	5 1/2 in.	6 9/16 in.	Plus 1 1/6 in.

>> Best method to replace X3 1/2 with XL4

- Shim the motor and reducer up 9/16 in.
- Shorten (adapt)suction / discharge pipe connections. XL4 comes standard with 4 in. weld neck flanges. Optional 3 in. weld neck flanges avail.
- ** Pipe alignment remains the same other than requirement to shorten (reconnect) to new pump.

-->> Pump performance regarding flow and power same between both pumps.

- Based on same speed, viscosity and pressures.