



- 10. FOR SPECIFIC INFORMATION CONTACT SALES.
- 9. COMPLETE ASSEMBLY WEIGHT W/ DECK RING, 95.1LBS/ 43.1K.
- 8. DOGGING PRESSURE FULLY ADJUSTABLE.
- 7. HANDLE POSITION TOPSIDE INDICATES WHETHER DOGGING MECHANISM IS IN OPEN OR CLOSED POSITION.
- 6. STAINLESS STEEL MECHANISM SHOWN.
- 5. FLUSH, WATERTIGHT CONSTRUCTION.
- 4. INTEGRAL TOPSIDE "T" HANDLE STANDARD, OTHER TOPSIDE ACTUATION AVAILABLE.
- 3. CAST ALUMINUM ALLOY FLANGE, FLANGE CAN BE DRILLED FOR BOLTED INSTALLATIONS OR WELDED TO ALUMINUM.
- 2. QUICK-ACTING, MECHANISM ENGAGES OR DISENGAGES IN QUARTER-TURN OF CENTER SPINDLE.
- 1. 30.4" CLEAR OPENING, ALL DIMENSIONS SHOWN SUBJECT TO CASTING VARIATION AND ARE REFERENCE ONLY.

NOTES: UNLESS OTHERWISE SPECIFIED.

**CUSTOMER APPROVAL**  
 Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_

IMPORTANT! THIS DRAWING SUPERSEDES ALL OTHER DOCUMENTS. By signing this approval you accept and agree that the dimensions and details shown are correct and properly fit your application, regardless of any differences between this drawing and any contract specifications. Should you see any errors in the drawing, or have any questions, please contact your Freeman Marine sales engineer for clarification.

REV.	DESCRIPTION:	DATE:	DRAWN
-	INITIAL RELEASE	22JUL10	RR
A	UPDATE GEN. NOTES & B.O.M.	24AUG11	PPC

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES FOR ROUGH AND CLEAR OPENING: .125 INCH. ALL OTHERS ARE:  
 .X .XX .XXX ANGLES  
 ±.1 ±.03 ±.010 ±2°

DO NOT SCALE DRAWING

**FREEMAN MARINE EQUIPMENT, INC.**  
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CLIENT: FREEMAN MARINE EQUIPMENT

TITLE: HATCH: 30-H, AL COVER, AL RING, EH, S/S MECHANISM, W/INTEGRAL T-HANDLE

SIZE: 64747 DRAWING NUMBER: 2452-0006 REV: A

SCALE: 1:4 CALC. WT. ACT. WT. SHEET 1 OF 3