



- NOTES:**
- VERIFY TYPE OF TRANSDUCER CAPSULE INSTALLED IN THE METER PRIOR TO REMOVING IT. PLEASE CONSULT 3410 SERIES ULTRASONIC FLOW METER MAINTENANCE AND TROUBLESHOOTING MANUAL AVAILABLE AT WWW.EMERSON.COM FOR TRANSDUCER CAPSULE REMOVAL PROCEDURES. VENT ALL LINE PRESSURE FROM METER BEFORE REMOVING A T-21, T-22 OR T-41 TRANSDUCER CAPSULE. A T-200 TRANSDUCER CAPSULE DOES NOT REQUIRE LINE PRESSURE VENTING FROM THE METER PRIOR TO ITS REMOVAL.
 - FLANGE STANDARDS UP TO 24" ANSI B16.5 26" AND UP ANSI B16.47 SERIES A
 - VALUES FOR "D", "E" AND WEIGHT ARE TYPICAL VALUES. THE ACTUAL VALUES ARE BORE "F" AND FLANGE TYPE DEPENDENT.

SIZE	OVERALL END TO END	CENTER TO END	DIAMETER OF FLANGE	CENTER OF HOUSING TO MOUNTING BOSS	CENTER OF HOUSING TO EDGE OF CENTER PATH TRANSDUCER CONNECTOR	APPROXIMATE WEIGHT WITH T-SLOT TRANSDUCER (LBS)	RING NUMBER
4"	29.00	14.50	10.00	3.38	9.25	365	R37
6"	29.50	14.75	12.50	4.25	9.62	445	R45
8"	21.50	10.75	15.00	5.25	12.50	445	R49
10"	24.50	12.25	17.50	6.50	13.50	605	R53
12"	26.00	13.00	20.50	7.44	14.50	765	R57
16"	30.00	15.00	25.50	9.12	16.00	1255	R65
20"	35.50	17.75	30.50	11.12	18.00	1875	R73
24"	39.00	19.50	36.00	13.38	20.00	2415	R77

TAG EQUIPMENT NUMBER	SIZE	BORE ("F")
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EMERSON

MODEL: 3414 W/45 DEG PORT ANGLE 4"-6", W/60 DEG PORT ANGLE 8"-24" & W/75 DEG PORT ANGLE 26"-42" RF & RTJ FLG ANSI 300 W/O PIPETTE F/J MOUNTS F/T21/T22/T41 AND T200 TRANSDUCERS

DRAWING NO.: DMC-006112

DRAWING BY: PH
DRAWING APPROVED BY: KG
REV: BB

MATERIALS (WHERE APPLICABLE): N/A

DIMENSIONS ARE IN INCHES
NOT TO SCALE

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BB	CA:1213843	02/09/23
BA	CA:1138854	01/13/21
B	ECO SP1567	03/13/12
A	RELEASED	06/20/11
REV	DESCRIPTION	DATE

CERTIFIED APPROVAL

CUSTOMER: _____
PROJECT: _____

PO NUMBER: _____
SO NUMBER: _____

CERTIFIED BY: _____
DATE: _____
CUSTOMER APPROVAL: _____
DATE: _____

DOCUMENT NUMBER: _____

BB