



- NOTES:**
- 1 VERIFY TYPE OF TRANSDUCER CAPSULE INSTALLED IN THE METER PRIOR TO REMOVING IT. PLEASE CONSULT 3410 SERIES ULTRASONIC FLOW METER MAINTENANCE AND TROUBLE-SHOOTING 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.
 2. FLANGE STANDARDS UP TO 24" ANSI B16.5 26" AND UP ANSI B16.47 SERIES A
 - 3 VALUES FOR "D", "E" AND WEIGHT ARE TYPICAL VALUES. THE ACTUAL VALUES ARE BORE "F" AND FLANGE DEPENDENT.

* FORGING BODY

SIZE	OVERALL END TO END	CENTER TO END	DIAMETER OF FLANGE	CENTER OF HOUSING TO MOUNTING BOSS	CENTER OF HOUSING TO EDGE OF HOUSING TO CENTER PATH TRANSDUCER CONNECTOR	CENTER OF HOUSING TO END OF PIPET	APPROXIMATE WEIGHT T-SLOT WITH TRANSDUCER (LBS)	RING NUMBER
4"	31.00	15.50	11.50	3.38	9.25	12.10	410	R37
6"	37.00	18.50	15.00	4.50	9.62	12.97	770	R45
8"	27.50	13.75	18.50	5.75	12.50	13.62	830	R49
10"	30.50	15.25	21.50	6.75	15.00	15.44	1210	R53
12"	34.50	17.25	24.00	8.25	16.00	17.68	1660	R57
16"	41.50	20.75	27.75	10.00	17.50	20.06	2660	R66
18"	36.00	18.00	31.00	10.62	18.25	16.56	2430	R70
20"	37.00	18.50	33.75	12.38	19.00	19.44	3500	R74
*24"	52.00	26.00	41.00	14.56	19.00	20.47	5840	R78
*30"	45.50	22.75	48.50	17.69	22.18	23.66	6756	R102

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 900 W/PIPETTE F/K MOUNTS F/T21/T22/T41 AND T200 TRANSDUCERS

DRAWING NO: DMC-006118

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
<input type="checkbox"/> CERTIFIED	<input type="checkbox"/> APPROVAL	
CUSTOMER:		
PROJECT:		
PO NUMBER:		
SO NUMBER:		
CERTIFIED BY:		
DATE:		
CUSTOMER APPROVAL:		
DATE:		
DOCUMENT NUMBER:		

BB