



- NOTES:**
1. 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.
 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 TYPE DEPENDENT.

SIZE	A	B	C	D	E	H	APPROXIMATE WEIGHT WITH SLOT WITH TRANSDUCER (LBS)	R
4"	29.00	14.50	10.00	3.38	9.25	12.35	373	R37
6"	29.50	14.75	12.50	4.25	9.62	12.23	453	R45
8"	21.50	10.75	15.00	5.25	12.50	11.62	453	R49
10"	24.50	12.25	17.50	6.50	13.50	12.62	613	R53
12"	26.00	13.00	20.50	7.44	14.50	13.62	773	R57
16"	30.00	15.00	25.50	9.12	16.00	15.44	1263	R65
20"	35.50	17.75	30.50	11.12	18.00	17.68	1883	R73
24"	39.00	19.50	36.00	13.38	20.00	20.06	2423	R77

TAG EQUIPMENT NUMBER	SIZE	BORE ("F")

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/PIPETTE F/J MOUNTS F/T21/T22/T41 AND T200 TRANSDUCERS

DRAWING NO.: DMC-006116

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:		

BE