



- 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](http://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.

\*FORGING BODY

SIZE	A	B	C	D	E	W.T. (LBS)	R
4"	29.00	14.50	10.75	3.38	9.25	395	R37
6"	29.50	14.75	14.00	4.25	9.62	515	R45
8"	21.50	10.75	16.50	5.25	12.50	665	R49
10"	24.50	12.25	20.00	6.50	13.50	785	R53
12"	26.00	13.00	22.00	7.44	14.50	915	R57
16"	30.00	15.00	27.00	9.12	16.00	1475	R65
18"	31.50	15.75	29.25	10.00	17.00	1655	R69
20"	35.50	17.75	32.00	11.12	18.00	2205	R73
24"	39.00	19.50	37.00	13.38	20.00	3235	R77
*30"	38.75	19.38	44.50	18.44	22.71	5135	R95

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 600 W/O PIPETTE F/J MOUNTS F/T21/T22/T41 AND T200 TRANSDUCERS

DRAWING NO.: DMC-006113

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