



- 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.

\* FORGING BODY

SIZE	A	B	C	D	E	W.T. (LBS)	R
4"	31.00	15.50	11.50	3.38	9.25	394	R37
6"	37.00	18.50	15.00	4.50	9.62	754	R45
8"	27.50	13.75	18.50	5.75	12.50	814	R49
10"	30.50	15.25	21.50	6.75	15.00	1194	R53
12"	34.50	17.25	24.00	8.25	16.00	1644	R57
16"	41.50	20.75	27.75	10.00	17.50	2644	R66
18"	36.00	18.00	31.00	10.62	18.25	2414	R70
20"	37.00	18.50	33.75	12.38	19.00	3484	R74
*24"	52.00	26.00	41.00	14.56	19.00	5824	R78
*30"	45.50	22.75	48.50	17.69	22.18	6740	R102

TAG EQUIPMENT NUMBER	SIZE	BORE ("F")
----------------------	------	------------



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/O PIPETTE F/K MOUNTS F/T21/T22/T41 AND T200 TRANSDUCERS

DRAWING NO.: DMC-006114

THIS DOCUMENT IS CONFIDENTIAL, CONTAINS PROPRIETARY INFORMATION, AND SHOULD NOT BE DISTRIBUTED, COPIED OR OTHERWISE REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF MICRO MOTION, INC.

DRAWING BY: PH  
 DRAWING APPROVED BY: KG  
 REV: BB  
 DIMENSIONS ARE IN INCHES  
 NOT TO SCALE

MATERIALS (WHERE APPLICABLE): N/A

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: \_\_\_\_\_