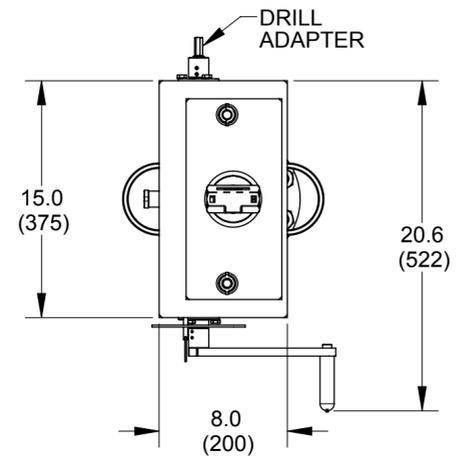
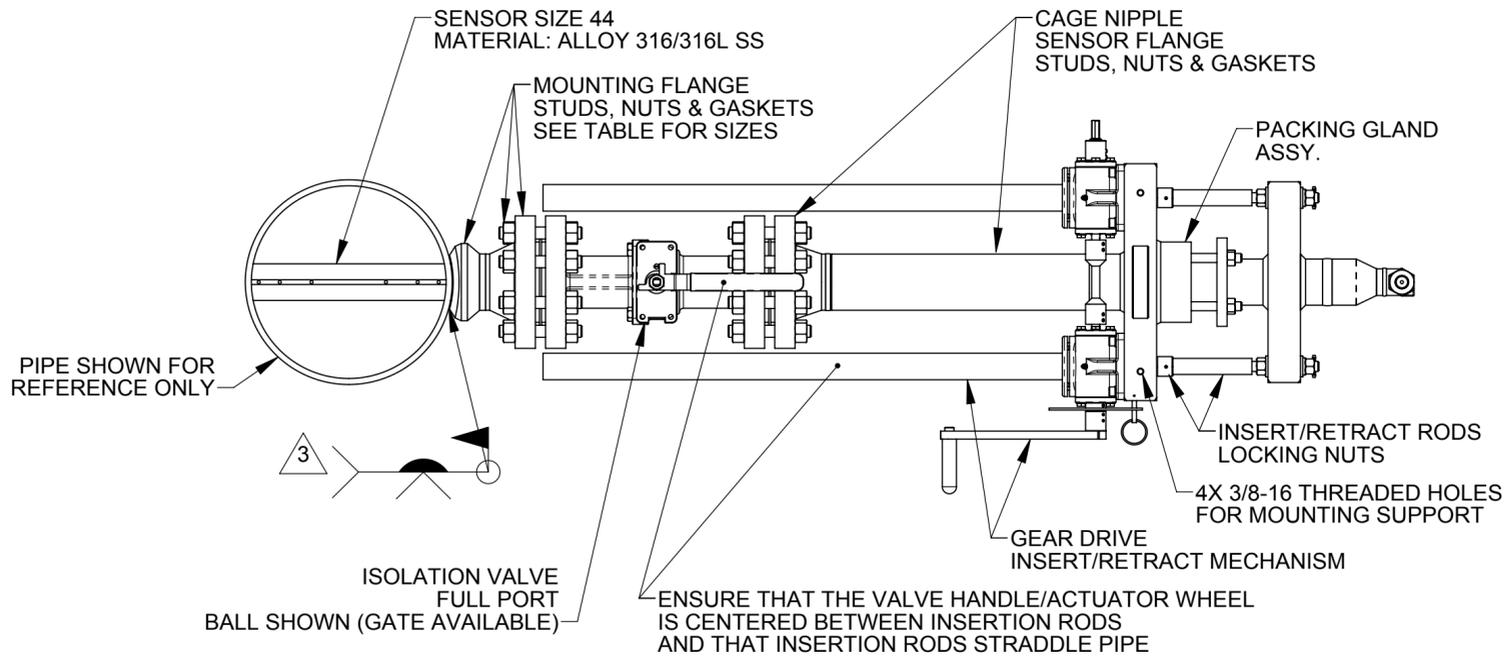
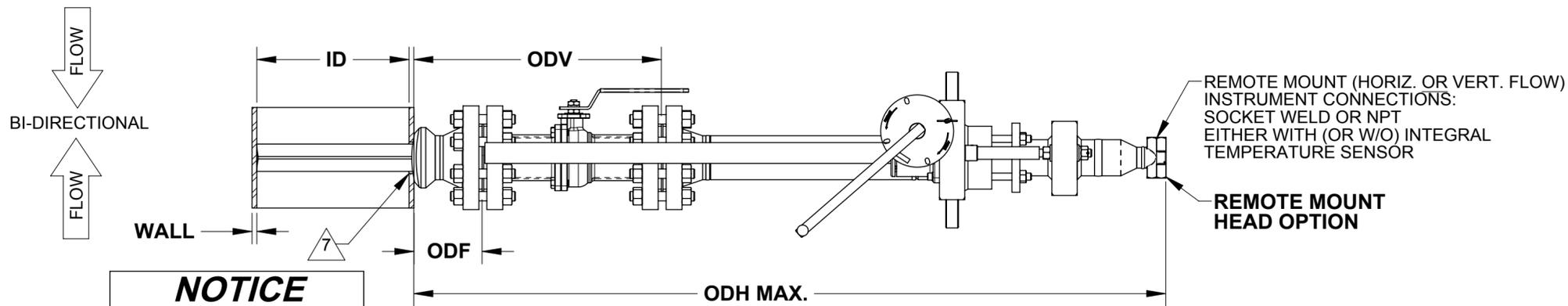
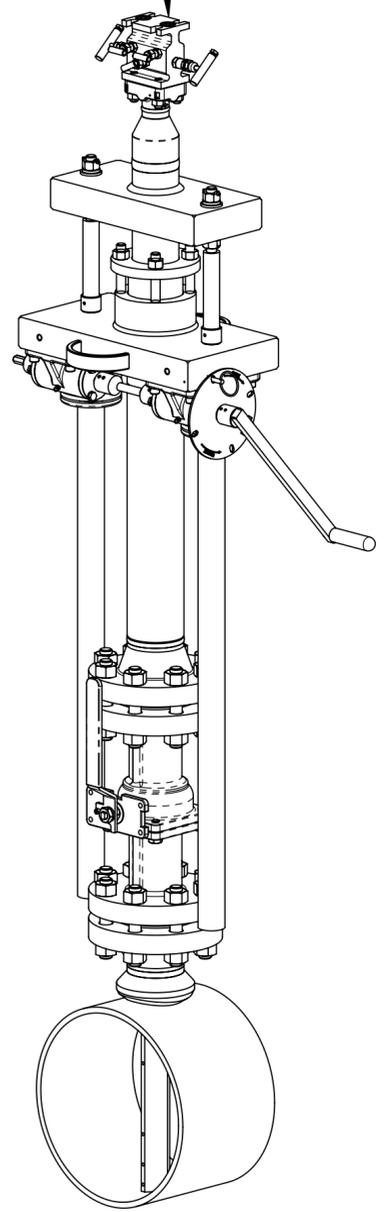


REVISIONS				
REV	DESCRIPTION	CHG.NO.	APP'D	DATE
AA	NEW RELEASE	DSI1002326	E.V.	1/28/09



DIRECT MOUNT OPTION
(HORIZ. ONLY):
(5-VALVE MANIFOLD SHOWN
3-VALVE AVAILABLE)
INTEGRAL TEMPERATURE
AVAILABLE



NOTICE
FOR ACCURATE FLOW MEASUREMENT
THE CORRECT HOLE SIZE IN PIPE MUST BE:
2-1/2 INCH (64mm)
DO NOT DRILL OVERSIZE
DO NOT TORCH CUT HOLE

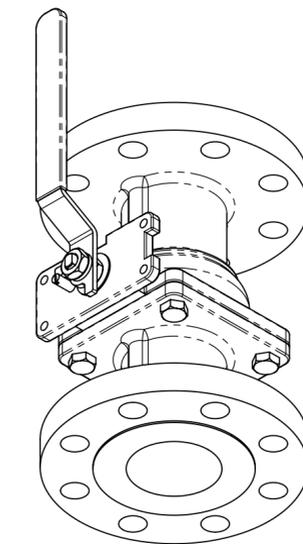
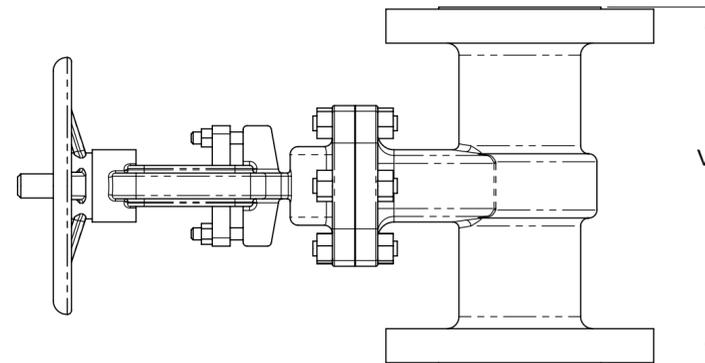
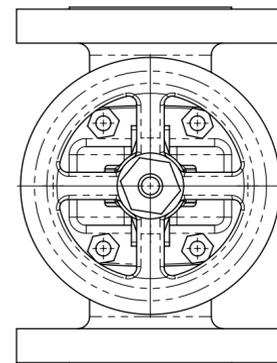
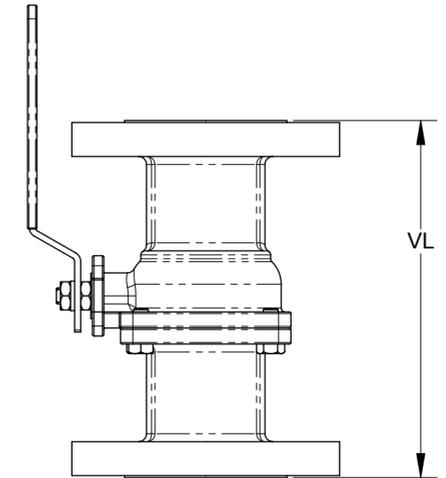
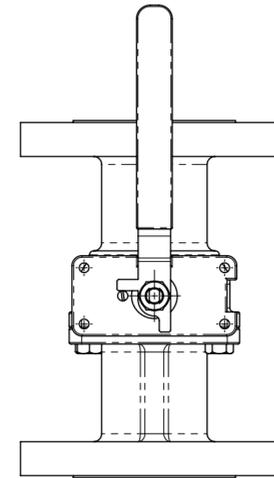
PI: PROBE INSERTED
FORMULA FOR 'PI' = ID + WALL + ODV + 25.9 (658)
PR: PROBE RETRACTED
FORMULA FOR 'PR' = 2x(ID + WALL + ODV) + 26.1 (663)

NOTE: UNLESS OTHERWISE SPECIFIED
ALL INFORMATION IS BOTH (TYP) & GENERAL
TO STANDARD PRODUCT DESIGN
ALL PIPE SECTIONS SHOWN FOR REFERENCE ONLY

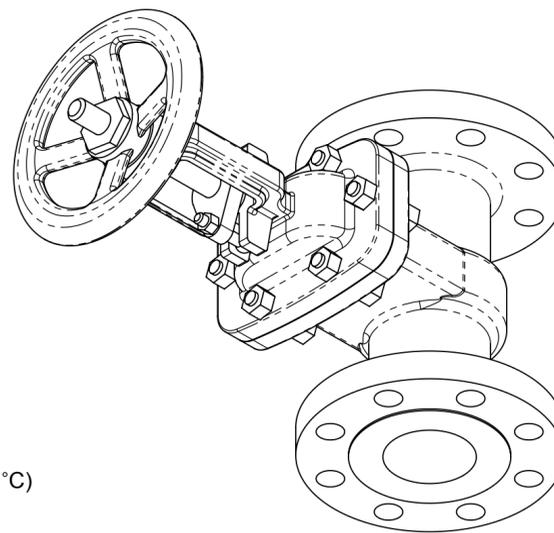
*UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES (MM) *ALL DIMENSIONS ARE NOMINAL AND ARE FOR REFERENCE ONLY 	TYPE I		ROSEMOUNT® BOULDER, COLORADO		
	DR.	J.PAYLOR	12/3/08	TITLE	DIMENSIONAL DRAWING, MODEL 585 GEAR DRIVE FLO-TAP
	APPROVAL			SIZE	C
	DRAWING	DRV	1/28/09	DRAWING NO.	00585-1001
	TAGGING			SCALE: NONE	SHEET 1 OF 2

FLO-TAP
SENSOR SIZE 44

MIN. ROD REYNOLDS #	PROBE WIDTH	FLANGE RATING	FLANGE SIZE (NPS)	ODF	VL ±.375 (±9.5)	ODV ±.50 (±12.7)	
25,000	2.28 (57.9)	150# ANSI	3" SCH40	4.620 (117.4)	8.00 (203.2)	12.745 (323.7)	
		300# ANSI		5.000 (127.0)	11.13 (282.7)	16.250 (412.8)	
		600# ANSI		5.380 (136.7)	14.000 (355.6)	19.505 (495.4)	
		DN/PN 16	DN80	3.840 (97.5)	APPLICATION SPECIFIC DIMENSION (CUSTOMER SUPPLIED)		
		DN/PN 40		4.160 (105.7)			
		DN/PN 100		4.950 (125.7)			
		150# RTJ	3" SCH40	4.810 (122.2)	8.00 (203.2)	12.935 (328.6)	
		300# RTJ		5.250 (133.4)	11.13 (282.7)	16.500 (419.1)	
		600# RTJ		5.690 (144.5)	14.000 (355.6)	19.815 (503.3)	



FULL PORT BALL VALVE



FULL PORT GATE VALVE

NOTES:

- ROSEMOUNT INC. CERTIFIES THIS DRAWING IS IN ACCORDANCE WITH ROSEMOUNT ENGINEERING SPECIFICATIONS & ACCURATELY REPRESENTS THE EQUIPMENT FURNISHED.
- ALL ORIENTAIONS SHOWN FOR REFERENCE ONLY. FOR ACTUAL RECOMMENDED LOCATION & ORIENTATION OF SENSORS & INSTRUMENT CONNECTIONS REFER TO INSTALLATION INSTRUCTION MANUAL 00809-0100-4809 &/OR QUICK INSTALLATION GUIDE (QIG) 00825-0200-4585.
- FIELD WELD. REFER TO INSTALLATION INSTRUCTIONS FOR WELD REQUIREMENTS.
- MAXIMUM PRESSURE: 600LB ANSI EQUIVALENT (1440 PSIG @ 100 °F / 9928.5Kpa g @ 37.8 °C) FOR 316 STAINLESS STEEL.
- MAXIMUM TEMPERATURE: 850 °F (454.4 °C) FOR STAINLESS STEEL.
- FOR MODEL SELECTIONS, REFER TO ROSEMOUNT PRODUCT DATA SHEETS.

△ ANNUBAR® PRIMARY FLOW ELEMENT IS ACCURATE ONLY WITH CORRECT SIZED, DRILLED, MOUNTING HOLE. NO TORCH CUT ALLOWED. TOLERANCE +.062/- .000 (+1.6mm/- .00mm).

ROSEMOUNT®		
BOULDER, COLORADO		
SIZE A	FSCM.NO.	DRAWING NO. 00585-1001
SCALE: 1:4	WT.	SHEET: 2 of 2