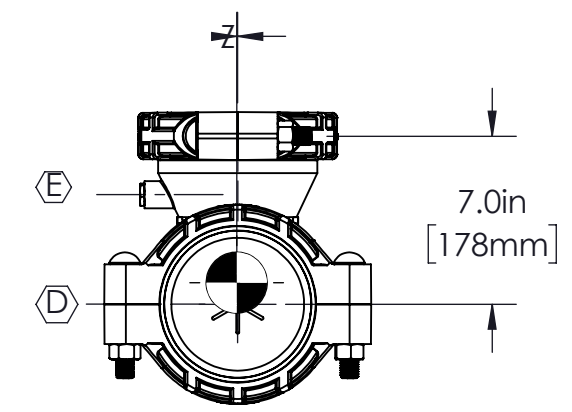
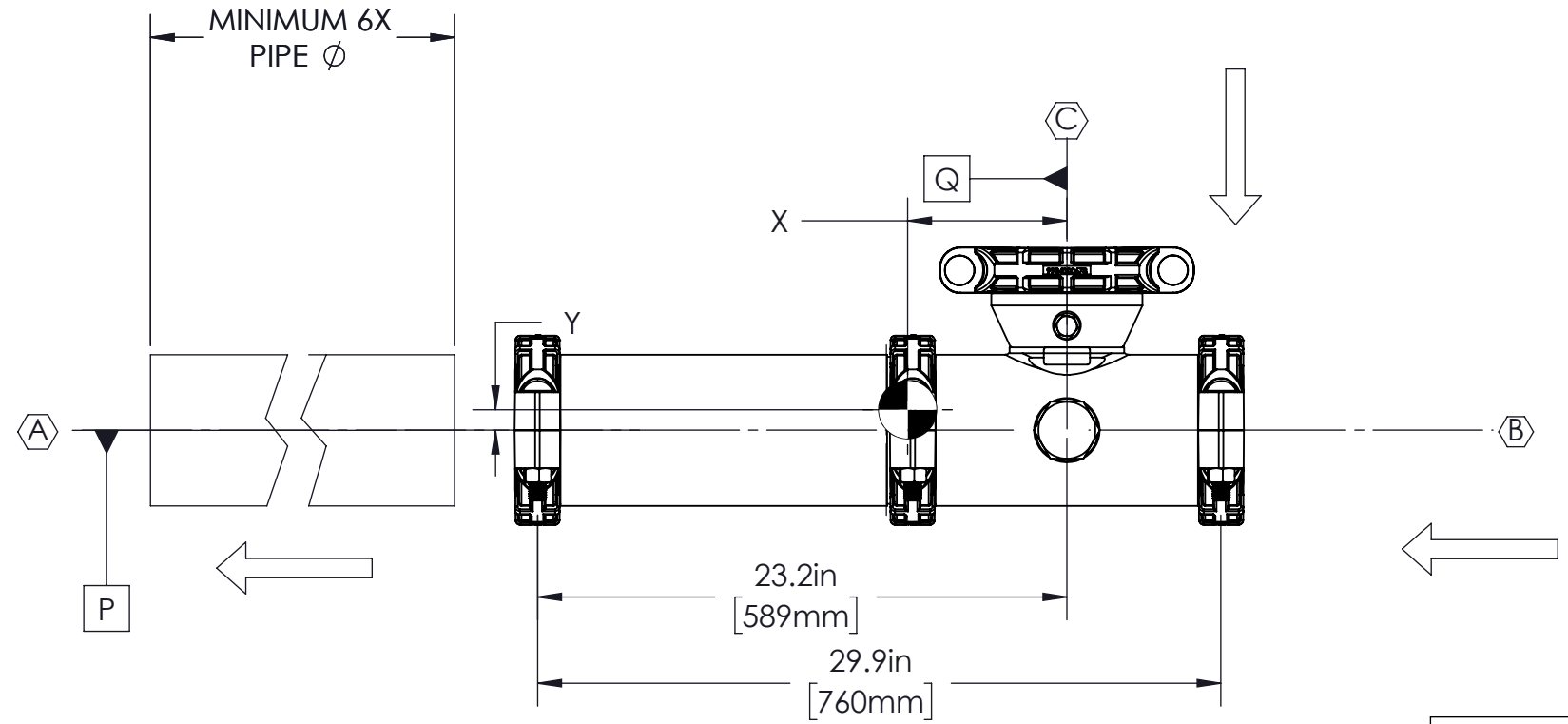
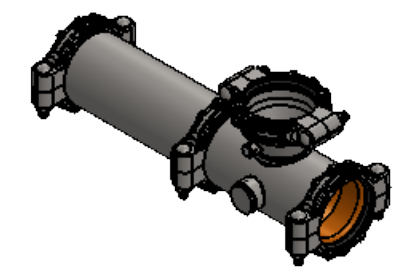
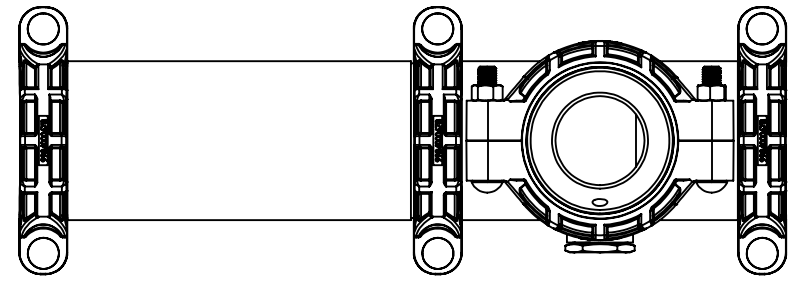


REVISION NOTES			
ECR NUMBER	RELEASE NOTES	DATE	APPROVAL
1096	DESCRIPTION CHANGE	10/25/2018	KA



CUSTOMER FIELD CONNECTIONS						
MK. NO.	QUAN	SIZE	RATING	TYPE	SCHEDULE	SERVICE
A	1	6"	N/A	GRV/PIPE	40	BLENDED DISCHARGE
B	1	6"	N/A	GRV/PIPE	40	MOTIVE FLOW INLET
C	1	6"	N/A	GRV/PIPE	40	SUCTION
D	1	2"	150#	FNPT	40	SECONDARY SUCTION
E	1	1/2"	150#	FNPT	40	GAUGE PORT

- NOTES:
- MINIMUM STRAIGHT PIPE LENGTH WITHOUT OBSTRUCTION ON DISCHARGE SIDE TO BE 6X PIPE DIAMETER
 - OLD DRAWING NUMBER: ME-6S-2.00UG-M1-01-GA
 - READ PRODUCT MANUALS BEFORE INSTALLATION AND OPERATION
 - PRODUCT DETAILS
 - SINGLE ADDITIVE SUCTION PORT
 - 2" (50.8MM) LOBESTAR MIXING NOZZLE® ORIFICE
 - 500-620 GPM MOTIVE FLOW RATE AT 115-185 FT DIFFERENTIAL HEAD (50 - 80 PSI DIFFERENTIAL PRESSURE WITH WATER)
 - GROOVED END PIPE INLET AND DISCHARGE CONNECTIONS
 - LEFT HAND GAUGE PORT ORIENTATION
 - STAINLESS STEEL SHEAR-MIXER BODY
 - URETHANE INSERTS
 - BUNA GASKETS
 - OPERATING TEMPERATURE: -20°F TO +135°F (-29°C TO +57°C)
 - ESTIMATED WEIGHT (DRY): 115 lbs OR 52 kg

C.G LOCATION FROM DATUM P,Q			
CONDITION	X	Y	Z
DRY	6.98" (177 mm)	.90" (23 mm)	.04" (1 mm)
OPERATING	7.26" (184 mm)	.82" (21 mm)	.04" (1 mm)

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Tolerances: Unless Otherwise Stated:
Linear Tol.:
.X - = +/- .250 (6.35 mm)
.XX - = +/- .188 (4.77 mm)
.XXX - = +/- .125 (3.18 mm)
Angular Tol.: +/- 1°
All Dimensions: in

Workflow: **Design Released to Production**

Description: **SHEAR-MIXER,SM6000_SGA**

Finish: N/A	Drawing Scale: 1:8	Drawn by: <i>KA</i>	Drawn Date: <i>05/21/2018</i>	Old Reference Number: ME-6S-2.00UG-M1-01
Approx Weight: 115 Lbs.	Drawing Produced In Accordance With: ASME Y14.5M-2009	Engineering Approval: <i>KA</i>	Approved Date: <i>05/21/2018</i>	Part Number: 6230000542
Projection Method: THIRD ANGLE	Sheet Size: B	Material: SEE BOM	Sheet: 1 of 1	Drawing Number: 6230000542_SGA

Revision: **A**