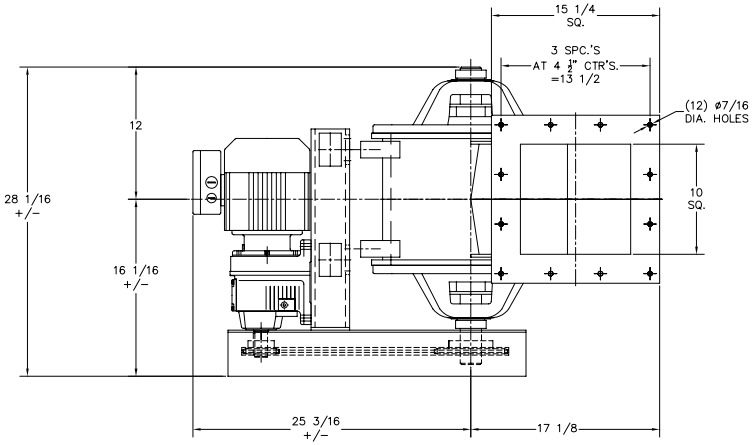
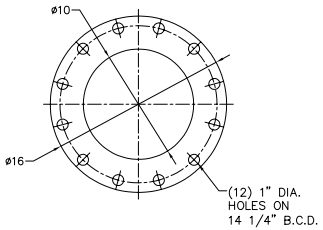


PLAN VIEW



OPTIONAL ROUND FLANGE

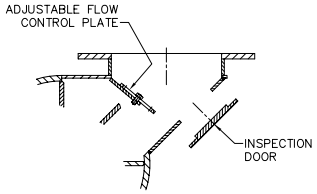
VALVE INFORMATION					
HOUSING	ENDPLATE	ROTOR	BLADE TIP		
MAT'L	MAT'L	MAT'L	TYPE	MAT'L	CLEARANCE
C.I.	C.I.	MILD STEEL	FIXED EDGE	MILD STEEL	.007-.010

MOTOR						
MFG.	H.P.	VOLTAGE	ENCLOSURE	CL. & DIV.	FRAME SIZE	RPM
SEW EURODRIVE R-SERIES	1 1/2	T.B.A.	TEFC	STD. EFF.	DT90S4	1800

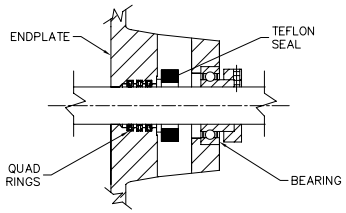
REDUCER				
MFG.	FRAME	RATIO	SIZE	R.P.M.
SEW EURODRIVE R-SERIES	R47	36.93	R47DT90S4	47

CHAIN DRIVE				VALVE OPERATING CONDITIONS	
SIZE	BORE	SIZE	BORE	TEMP.	SEALS
60B12	1 1/4Ø	60B28	1 15/16Ø	AMBIENT	ACST-4

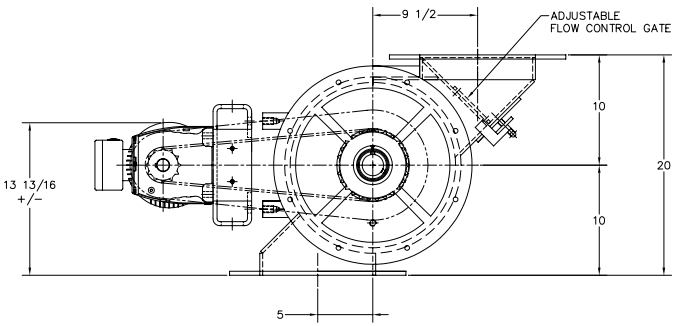
CONVEYING INFORMATION	
PRODUCT HANDLED	TO BE ADVISED
PRODUCT DENSITY	TO BE ADVISED
DISPLACEMENT / REV. 100%	.90 C.F.R.
VALVE SPEED	20 RPM
CONVEY RATE	TO BE ADVISED



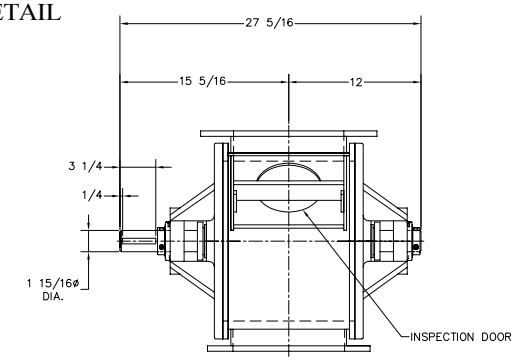
INLET FLOW CONTROL



ACST-4 SEAL DETAIL



ELEVATION



ELEVATION

NOTES:

1. ALL DIMENSIONS IN INCHES
2. CONSTRUCTION: FABRICATED MILD STEEL HOUSING AND CAST IRON ENDPLATES. FABRICATED OPEN END FIXED EDGE MILD STEEL ROTOR TIPS – BEVELED C.C.W. ROTATION LOOKING AT THE DRIVE END.
3. BOTTOM FLANGE BOLT PATTERN MATCHES TOP FLANGE PATTERN, NOTE OPTIONAL ROUND FLANGES AVAILABLE.
4. PAINT: STANDARD METAL PREPARATION, EXTERIOR PRIMED AND ONE COAT FINISH ENAMEL – ACS BLUE DRIVE GUARD IS HI–VISIBLITY SAFETY YELLOW, MOTOR IS MANFACTURES STANDARD FINISH.
5. ACST–4 SHAFT SEAL ASSEMBLY (SEE DETAIL)
6. WEIGHT WITHOUT DRIVE PACKAGE 525 LBS
7. INCLUDED OPTIONS:
   – ENDPLATES: CAST IRON CONSTRUCTION
   – ROTOR: FABRICATED OPEN END MILD STEEL
   – ROTOR: FIXED EDGE MILD STEEL ROTOR TIPS – BEVELED
   – HOUSING: FABRICATED MILD STEEL CONSTRUCTION
   – HOUSING: ADJUSTABLE FLOW CONTROL GATE
   – HOUSING: INSPECTION DOOR LOCATED IN NECK OF INLET

Proprietary Information

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TITLE: ACS MODEL S–10" PELLET FEEDER, GENERAL ARRANGEMENT

FOR: GENERAL USE ONLY

P.O: N/A

ISSUE	DATE	REVISION	BY

SCALE: N.T.S. | DRAWN BY: G.T | B-3293

DATE: MAY/20/09 | CHECKED: