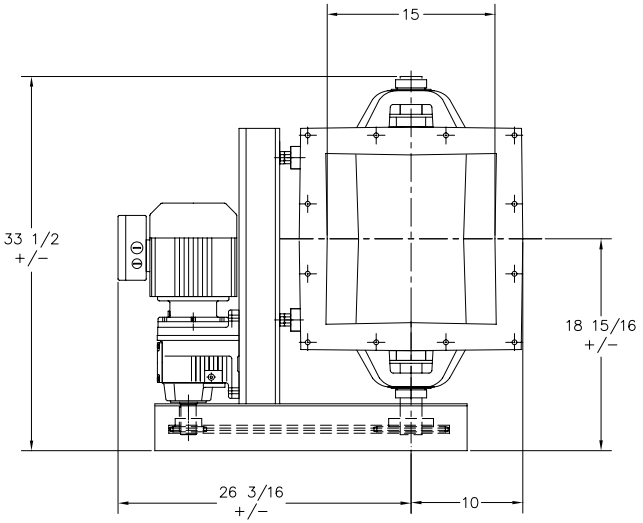
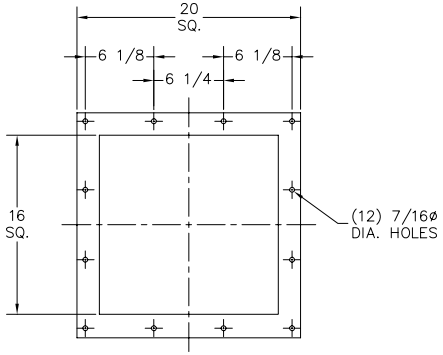
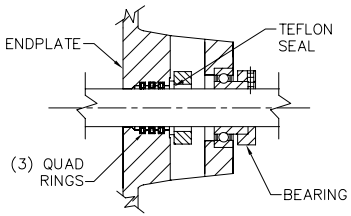


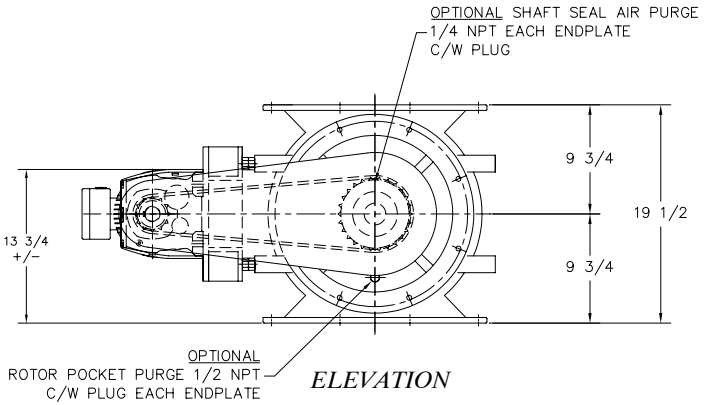
PLAN VIEW



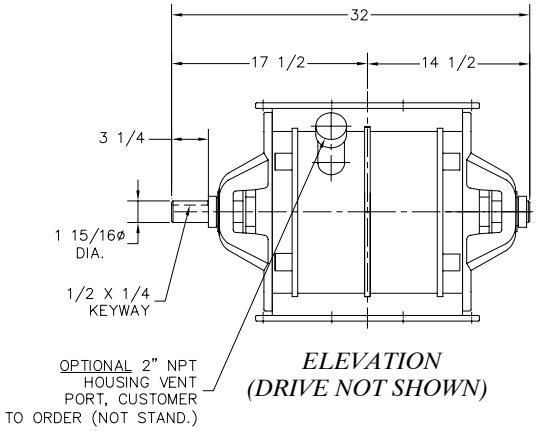
FLANGE DETAIL



ACST-4 SEAL DETAIL



ELEVATION



ELEVATION
(DRIVE NOT SHOWN)

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	2 HP	T.B.A.	TEFC	STD. EFF.	DT90L4	1800

REDUCER				
MFG.	FRAME	RATIO	SIZE	R.P.M.
SEW EURODRIVE R-SERIES	R47	37.30	R57DT90L4	46

CHAIN DRIVE				VALVE OPERATING CONDITIONS	
SIZE	BORE	SIZE	BORE	TEMP.	SEALS
60B12	1 1/4Ø	60B26	1 15/16Ø	AMBIENT	ACST-4

CONVEYING INFORMATION	
PRODUCT HANDLED	TO BE ADVISED
PRODUCT DENSITY	TO BE ADVISED
DISPLACEMENT / REV. 100%	1.39 C.F.R.
VALVE SPEED	20 RPM
CONVEY RATE	TO BE ADVISED

NOTES

1. ALL DIMENSIONS IN INCHES
2. CONSTRUCTION: CAST GREY IRON HOUSING AND ENDPLATES (CL,40,217 BRINELL) FABRICATED CARBON STEEL ROTOR, OPEN END FIXED WITH RELIEVED TIPS ($\frac{1}{8}$" LAND) CLOSE TOLERANCE C.C.W. ROTATION LOOKING AT THE DRIVE END.
3. BOTTOM FLANGE BOLT PATTERN MATCHES TOP FLANGE PATTERN
4. PAINT: STANDARD METAL PREPARATION, EXTERIOR PRIMED AND ONE COAT FINISH ENAMEL – ACS BLUE DRIVE GUARD IS HI-VISIBLITY SAFETY YELLOW, MOTOR/GEARMOTOR IS MANFACTURES STANDARD FINSH
5. ACST-4 SHAFT SEAL ASSEMBLY (SEE DETAIL)
6. WEIGHT WITH DRIVE PACKAGE 900 LBS.
7. INCLUDED OPTIONS:
   - ENDPLATES: SHAFT SEAL ASSEMBLY AIR PURGE CONNECTION, 1/4" NPT
   - ENDPLATES: CAST IRON CONSTRUCTION
   - ROTOR: FABRICATED OPEN END MILD STEEL
   - ROTOR: FIXED EDGE MILD STEEL ROTOR TIPS – BEVELED
   - HOUSING: CAST IRON CONSTRUCTION

ACS VALVES

611 ARGYLE STEET NORTH
CALEDONIA ONT. N3W-1M1

PHONE: 905-765-2004
FAX: 905-765-4491

sales@ancasterconveying.com
www.ancasterconveying.com

TITLE: ACS MODEL MODEL C.I. 16 X 16 ROTARY VALVE, GENERAL ARRANGEMENT

FOR: GENERAL USE ONLY

P.O: N/A

ISSUE	DATE	REVISION	BY	SCALE: N.T.S.	DRAWN BY: G.T	B-2254-DP
				DATE: MAR/24/09	CHECKED:	