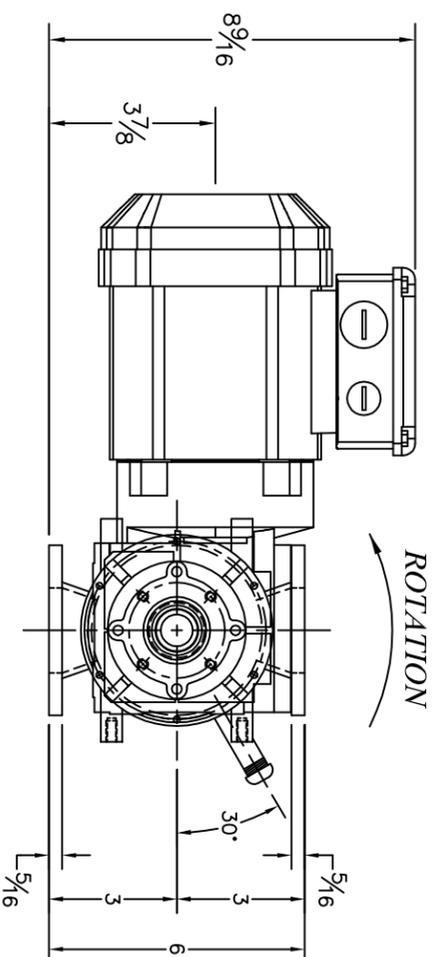
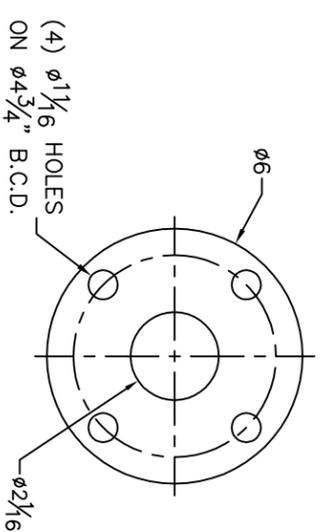


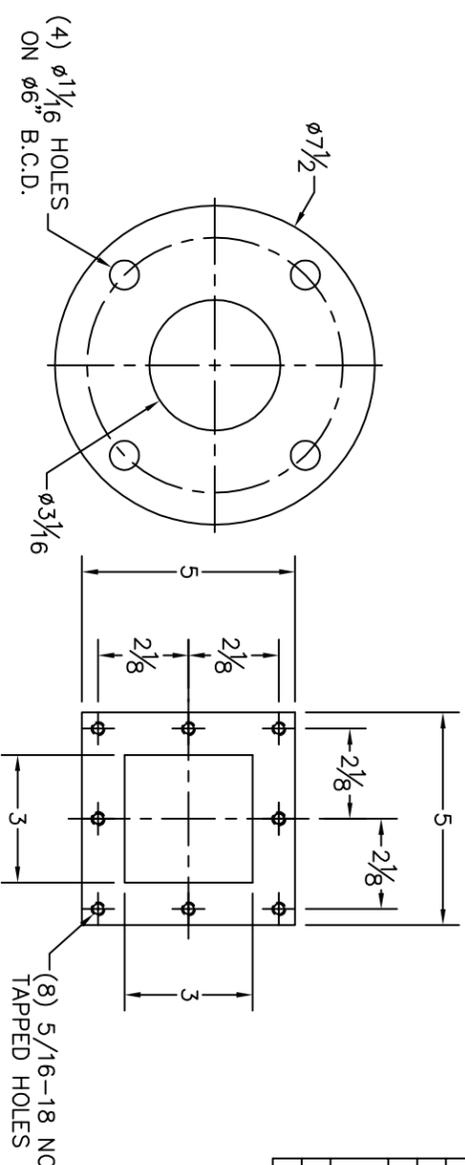
**PLAN VIEW**



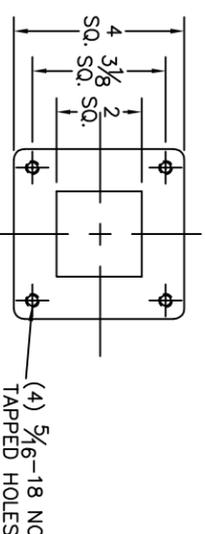
**FRONT ELEVATION**



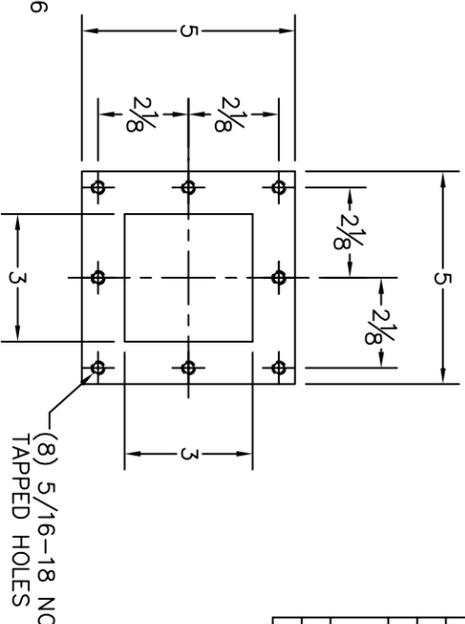
**Ø2" FLANGE DETAIL**



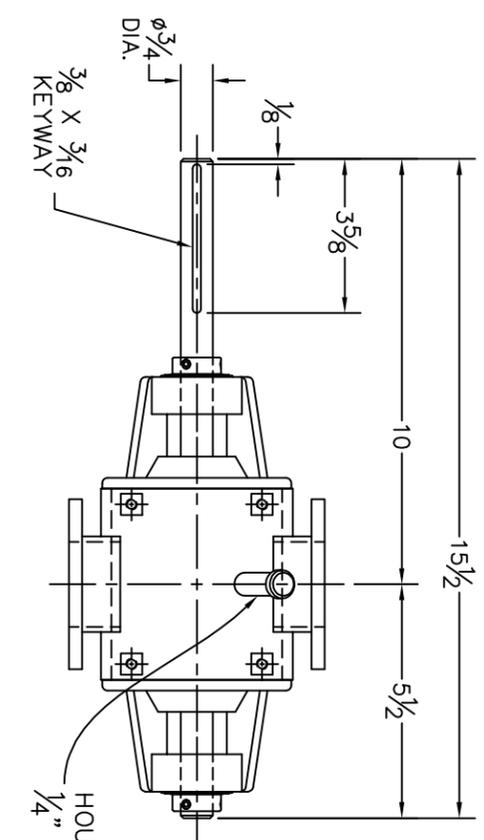
**Ø3" FLANGE DETAIL**



**2" SQUARE FLANGE**



**3" SQUARE FLANGE**



**SIDE ELEVATION**

VALVE INFORMATION			
HOUSING	ENDPLATE	ROTOR	BLADE TIP
MAT'L	MAT'L	MAT'L	MAT'L
M.S.	M.S.	MILD STEEL	MILD STEEL
		FIXED EDGE	MILD STEEL
			CLEARANCE 0.003-0.005

MOTOR			
MFG.	HP	VOLTAGE	ENCLOSURE
SEW EURODRIVE	0.25	3/60/230-460V	TEFC
W SERIES			CSA APPROVED
			HIGH EFF. 1800
REDUCER			
MFG.	FRAME	RATIO	SIZE
SEW EURODRIVE	WAF20	75.00	WAF20DRS71S4
W SERIES			
VALVE CONDITIONS			
SIZE	BORE	BORE	OPERATING TEMP.
---	---	---	NORMAL (50-250°F)
			SHAFT SEAL ACST-4

CONVEYING INFORMATION			
PRODUCT HANDLED	---	---	---
PRODUCT DENSITY	---	---	---
DISPLACEMENT / REV. 100%	6-VANE	8-VANE	4-VANE
VALVE SPEED	.025 CFR	.0233 CFR	.0265 CFR
CONVEY RATE	23 RPM	---	---

**NOTES**

1. ALL DIMENSIONS IN INCHES
2. CONSTRUCTION: FABRICATED MILD STEEL HOUSING AND ENDPLATES WITH FABRICATED 6-VANE CARBON STEEL ROTOR, OPEN END FIXED WITH PLAIN TIPS (FLAT) CLOSE TOLERANCE C.C.W. ROTATION LOOKING AT THE DRIVE END.
3. BOTTOM & TOP FLANGE BOLT PATTERNS ARE SYMMETRICAL
4. FINISH: STANDARD METAL PREPARATION, EXTERIOR PRIMED AND ONE COAT FINISH ENAMEL - ACS BLUE DRIVE GUARD - HIGH VISIBILITY SAFETY YELLOW, MOTOR/GEARMOTOR - MANUFACTURERS STANDARD FINISH
5. ACST-4 SHAFT SEAL ASSEMBLY (SEE DETAIL)
6. WEIGHT WITHOUT DRIVE PACKAGE 75 LBS.
7. FEATURES & OPTIONS:
  - ENDPLATES: FABRICATED MILD STEEL CONSTRUCTION
  - ENDPLATES: SHAFT SEAL AIR PURGE CONNECTION, 1/8" NPT
  - ENDPLATES: ROTOR POCKET PURGE CONNECTION, 1/8" NPT
  - ENDPLATES: FLASH CHROME INTERIOR BORE FACE
  - ROTOR: FABRICATED 6-VANE OPEN END MILD STEEL
  - ROTOR: FIXED EDGE MILD STEEL ROTOR TIPS - PLAIN
  - HOUSING: FABRICATED MILD STEEL CONSTRUCTION
  - HOUSING: ANSI Ø2" OR Ø3" FLANGE PATTERN
  - HOUSING: VENT PORT CONNECTION, 1/4" NPT (CAPPED)
  - HOUSING: FLASH CHROME INTERIOR BORE

**(1) ONE REQUIRED**

**ACCS VALVES**

611 ARGYLE STREET NORTH  
 CALEDONIA ONT. N3W-1M1  
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 FAX: 905-765-4491  
 sales@ancasterconveying.com  
 www.ancasterconveying.com

TITLE: ACS MODEL MINI 19 ROTARY VALVE, 2" 150# FLANGES,  
 GENERAL ARRANGEMENT

FOR: GENERAL USE ONLY

REV	DATE	BY	DESCRIPTION
B	SEP/09/15	TJN	CORRECTED CFR
A	OCT/4/13	JV	RELEASED
ISSUE	DATE	REVISION	

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