



ALTHOUGH MOUNTING DIMENSIONS ARE THE SAME, THE PHYSICAL SIZE AND WEIGHT OF THE MOTOR MAY VARY FROM ONE MANUFACTURER TO ANOTHER. TUBULAR STEEL FRAMES CAN BE SOMEWHAT SMALLER THAN HEAVY CAST IRON FRAMES.

MODEL TYPE	MOTOR H.P.	MOTOR R.P.M.	MOTOR FRAME	B	C	D	E	F	G	H	J	K	X	Y	Z	FLEXIBLE DRIVE COUPLING NO.
ATC-2	3	1800	213	9 1/2	6 1/2	1 1/8	5 1/4	1	16 1/4	5 1/2	13	3/8	6	6 5/8	1	VC-40
ATC-2	5	1800	215	9 1/2	6 1/2	1 1/8	5 1/4	1	16 1/4	7	13	3/8	6	6 5/8	1	VC-40
ATC-3	5	1800	215	9 1/2	6 1/2	1 1/8	5 1/4	1	16 1/4	7	13	3/8	9	6 5/8	1	VC-40
ATC-3	7 1/2	1800	254U	9 1/2	8	1 3/8	6 1/4	2	18 3/8	8 1/4	13	7/16	9	4 1/2	1 3/8	VC-50
ATC-2	3	1800	182T	9 1/2	5 1/2	1 1/8	4 1/2	1/4	15 1/8	4 1/2	13	3/8	6	7 3/4	7/8	VC-35
ATC-2	5	1800	184T	9 1/2	5 1/2	1 1/8	4 1/2	1/4	15 1/4	5 1/2	13	3/8	6	7 5/8	1	VC-40
ATC-3	5	1800	184T	9 1/2	5 1/2	1 1/8	4 1/2	1/4	15 1/4	5 1/2	13	3/8	9	7 5/8	1	VC-40
ATC-3	7 1/2	1800	213T	9 1/2	6 7/8	1 3/8	5 1/4	1	17	5 1/2	13	3/8	9	5 7/8	1 3/8	VC-50

NOTE: THIS DRAWING IS INTENDED FOR USE WITH THE FOLLOWING MODELS: ATC-2L, ATC-2LNS, ATC-2LSA, ATC-2LNSSA, ATC-3L, ATC-3LNS, ATC-3LSA, ATC-3LNSSA, ATC-3R, ATC-3RNS, ATC-3RSA, ATC-3RNSSA, ATC-3JR, ATC-3JNS, ATC-3JSA, ATC-3JNSSA, AS WELL AS SPECIAL "S" VERSIONS OF THE SAME, WITH OR WITHOUT THE "Z" OPTION.

THE "ATC-2" AND "ATC-3" TYPES ARE IDENTICAL, EXCEPT THAT THE "ATC-3" HAS A SECONDARY GEAR MODULE INSTALLED BETWEEN THE MAIN HOUSING AND THE GEAR END COVER.

ALL DIMENSIONS IN DRAWING AND TABLE REPRESENT INCHES, TO ± 1/16".

PUMP SHAFT DIAMETER = 1". PUMP DRIVE SHAFT KEY SIZE = 1/4 X 1 1/4.

NOTE: THESE PUMPS ARE SUPPLIED WITH THREE SMITH FLAT-FACE, STEEL COMPANION FLANGES, WHICH USE O-RINGS AS GASKETS. THEY ARE AVAILABLE EITHER IN THREADED OR WELDING CONFIGURATIONS. THE TWO SIDE PORTS ARE SIMULTANEOUS 2" OUTLETS (AMERICAN NATIONAL STANDARD PIPE), AND CAN BE SUPPLIED WITH TWO OPEN FLANGES, OR ONE OPEN AND ONE BLIND FLANGE, ALLOWING LIQUID FLOW OUTLET FROM EITHER THE LEFT SIDE, OR THE RIGHT SIDE, AS REQUIRED. THE END PORT, THROUGH THE GEAR END COVER, IS 2-1/2" (AMERICAN NATIONAL STANDARD PIPE).

THE "ATC-3R SERIES" ROTATES IN THE OPPOSITE DIRECTION OF THE "ATC-3L SERIES", BUT THE PORTING CONFIGURATION REMAINS THE SAME (SEE SKETCHES BELOW).

DRAWING SHOWS "ATC-2R SERIES" WITH THREADED FLANGES.

## DIMENSION DRAWING

SMITH MODEL TYPES "ATC-2L or R" AND "ATC-3L or R" PUMPS, ON BASE WITH COUPLING, MOUNTED TO ELECTRIC MOTOR

SMITH PRECISION PRODUCTS CO.  
1299 LAWRENCE DRIVE  
NEWBURY PARK, CA 91320

B-24-60 P.C.C.K.  
RSS 7-23-02

# D-ATC-2-3-R-L-H

