

THIS DRAWING IS INTENDED FOR USE WITH MODELS "MC-1044", "MC-1044 NS", "MC-1044 SA", "MC-1044 NSSA", "MC-1044H", "MC-1044 HS", "MC-1044H SA", "MC-1044H NSSA", AND SPECIAL ("S") VERSIONS OF THE SAME, WITH OR WITHOUT THE "SUPERSEAL" ("Z") OPTION. ALL PORTS ARE THREADED 1-1/2" FNPT. BOTH MODEL TYPES ARE REVERSIBLE, AS SHOWN IN THE SKETCHES, BELOW.

THESE UNITS ARE NOT TO BE CONFUSED WITH THE SLOW-SPEED MODEL TYPE, "TC-1044H", WHICH HAS IDENTICAL EXTERNAL APPEARANCE AND DIMENSIONS, BUT HAS DIFFERENT PORTING AND INTERNAL CONFIGURATIONS SPECIFICALLY DESIGNED FOR OTHER APPLICATIONS.

BASE SHOWN IS SMITH PART NUMBER "13 X 28 WB", USE GRADE 5 BOLTS, OR STUDS, IN ALL HOLES, FOR MOUNTING BASE.

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

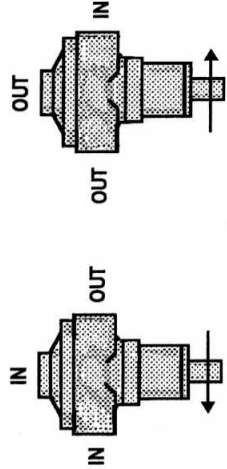
ALL DIMENSIONS IN TABLE AND DRAWING REPRESENT INCHES, TO ± .1/16 TOLERANCE.

MOTOR FRAME NO.	FLEXIBLE DRIVE COUPLING NO.	A	B	C	D	E	F	G	H	J	K	L	X	Y	Z**
143T	VC-35	7/8	9-1/2	4-1/2	7/8	3-5/8 ***	0 ***	19	4	13	5/16	5-1/2	5	2-1/4	13-7/8**
145T	VC-35	7/8	9-1/2	4-1/2	7/8	3-5/8 ***	0 ***	19	5	13	5/16	5-1/2	5	2-1/4	13-7/8**
182	VC-35	7/8	9-1/2	5	7/8	4-1/2	7/8	19	4-1/2	13	3/8	7-1/2	4-1/2	2-3/4	16-7/8**
182T	VC-35	7/8	9-1/2	5-1/2	1-1/8	4-1/2	7/8	19	4-1/2	13	3/8	7-1/2	4	2-3/4	17-1/2**
184	VC-35	7/8	9-1/2	5	7/8	4-1/2	7/8	19	5-1/2	13	3/8	7-1/2	4-1/2	2-3/4	16-7/8**
184T	VC-40	1	9-1/2	5-1/2	1-1/8	4-1/2	7/8	19	5-1/2	13	3/8	7-1/2	3-7/8	2-3/4	17-1/2**
213	VC-40	1	9-1/2	6-1/2	1-1/8	5-1/4	1-5/8	19	5-1/2	13	3/8	8-1/2	2-7/8	3-1/2	19-1/2**
213T	VC-50	1-3/8	9-1/2	6-7/8	1-3/8	5-1/4	1-5/8	19	5-1/2	13	3/8	8-1/2	2-1/8	3-1/2	19-7/8**

\*\* ALL DIMENSIONS ARE BASED ON AVERAGE CAST IRON, OR HEAVY-DUTY FRAMES. ACTUAL MEASUREMENTS MAY VARY. CONTACT MOTOR MANUFACTURER FOR EXACT DIMENSIONS WHEN REQUIRED.

\*\*\* FOR 143T AND 145T FRAMES, DISTANCE FROM BASE TO MOTOR SHAFT CENTERLINE IS 3-1/2". A 1/8" SHIM REQUIRED UNDER MOTOR BASEPLATE TO MATCH MOTOR SHAFT HEIGHT WITH PUMP SHAFT HEIGHT.

MC-1044, and MC-1044H Model Types



# DIMENSION DRAWING

SMITH MODEL TYPES MC-1044, AND MC-1044H

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

RSS 5-11-00

# DMC-1044-H