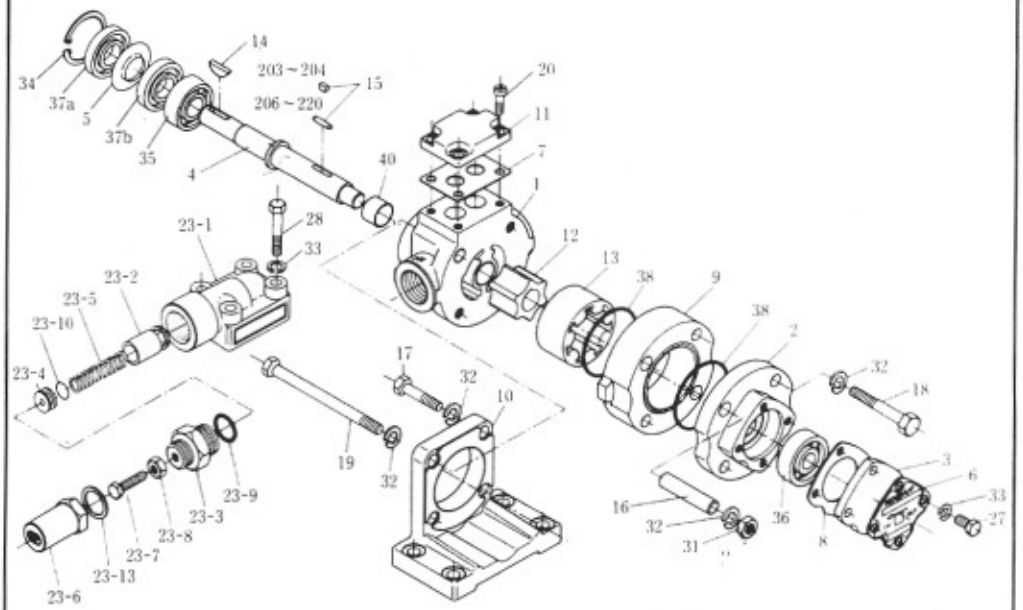
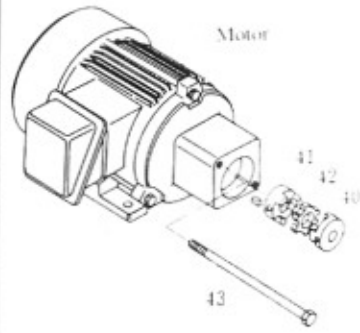
TROCHOID PUMP TOP-2HB

Exploded View of Trochoid Pump 2HB



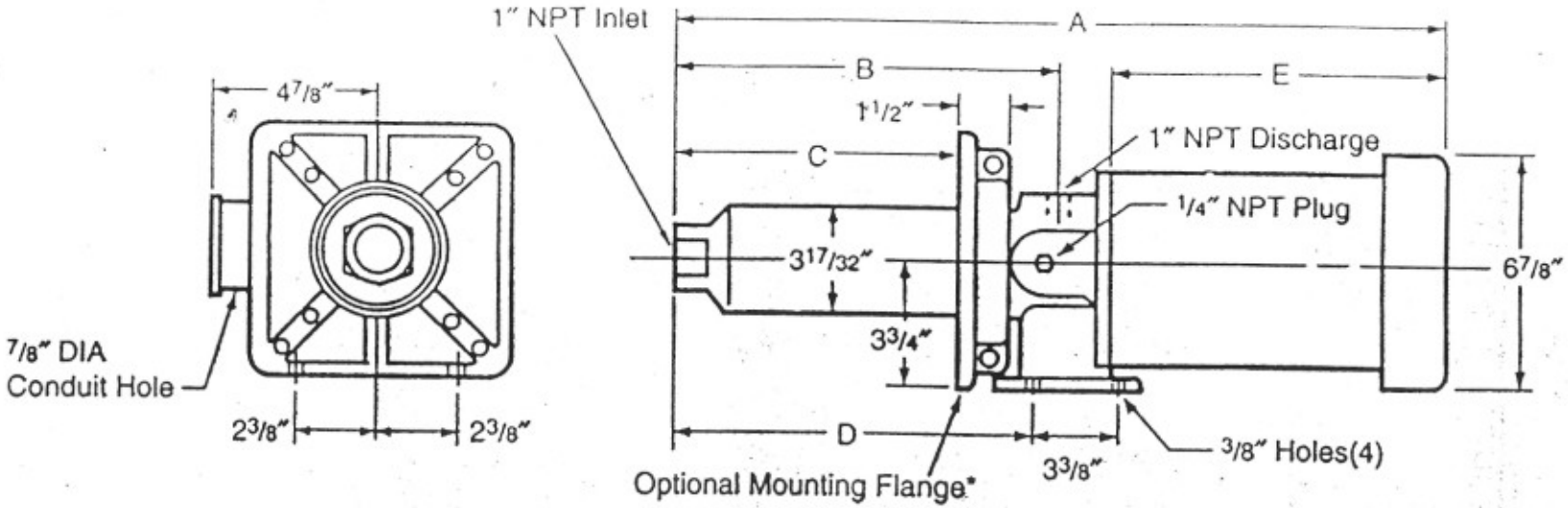
Exploded View of Mounting Parts for Series 2HB Trochoid Pump Integrated with Motor



No.	Part name
40	Coupling on pump side
41	Coupling on motor side
42	Cushion rubber
43	M8 hex bolt

No.	Part name			No.	Part name		
1	Pump body	1		23-3	Nut for spring	1	
2	Bearing housing	1		23-4	Washer for spring	1	
3	Top cover	1		23-5	Relief spring (C)	1	
4	Shaft	1		23-6	Relief valve cap	1	
5	Backup ring	1		23-7	Pressure adjusting bolt	1	M6
6	Nameplate	1		23-8	Hexagon nut	1	M6
7	Packing	1		23-9	O-ring (B)	1	P18
8	Top cover packing	1		23-10	O-ring (B)	1	P10A
9	Barrel	1		23-13	Relief valve packing	1	
10	Side plate	1		27	Top cover mounting bolt	4	M6 × 16
11	Blank cap	1		28	Relief valve mounting bolt	4	M6 × 35
12	Inner rotor (A)	1		31	Hexagon nut	2	M8
13	Outer rotor (A)	1		32	Spring washer	8	M8
14	Shaft key	1		33	Spring washer (for 2HB)	4	M6
15	Inner key	1		34	Snap spring	1	H35
16	Pipe knock	2		35	Ball bearing (B)	1	#6202
17	Side plate mounting bolt	2	M8	36	Ball bearing (B)	1	#6301
18	Barrel fastening bolt	2	M8	37a	Oil seal (B)	1	SC15357
19	Side plate and barrel fastening bolt	2	M8	37b	Oil seal (B)	1	SC15357
20	Hexagon socket head cap bolt	4	M6	38	O-ring (B)	2	S53
23-1	Relief valve body	1		40		1	BM1612FB
23-2	Relief valve plunger	1					

A = ROTOR KIT B = SEAL KIT C = RELIEF SPRING



MODEL	HP	STAGES	WEIGHT	A	B	C	D	E
AWCP15	1	5	43#	21¼	9¼	6½	8⅜	10

PUMP

- Capacities to 35 GPM.
- Pressure to 180 PSI (at 0 suction pressure.)
- Heads to 416 ft.
- Pipe connection: suction and discharge- 1" NPT (F).
- Inlet pressure : 75 PSI maximum
- Temperature: 180°F, 82°C maximum
- Rotation: CCW when viewed from motor end.

MOTOR

- NEMA Standard TEFC.
- 60 Hz, 3500 RPM.
- Stainless steel shaft.
- 1, 1-1/2, 2, & 3 HP, 230/460V.
- Three phase, capacitor type.
- Built-in overload with automatic reset.