



No. 14400 MINI-COLLINS FINAL ASSEMBLY

Double Insulated, 220V., Standard Unit (Plunger Drive)

Item	Part No.	Description	Req'd	Item	Part No.	Description	Req'd
1.	14404	Cord Assembly, Electrical, 2-Wire (includes Item No. 5)	1	21.	13141	Bearing, Ball, Armature, Front	1
2.	14405	Handle, Male Half (See No. 14449)	1	22.	14446	Support, Motor	1
4.	14407	Screw, Handle Attachment, 6x25 RPJX	4	23.	13116	Bearing, Needle, Worm Shaft (Front and Rear)	2
5.	14408	Collar, Electrical Cord (included in Item No. 1)	1	24.	13117	Washer, Thrust	2
6.	14409	Rod, Torque	1	25.	13120	Worm Shaft	1
7.	14410	Bracket, Torque Rod	1	26.	14447	Screw, Switch Attachment (Rocker), #7x $\frac{5}{8}$ " long, Sht. Mtl., Pan Hd., Phil.	2
8.	14411	Cap., Electrical, Contact Brush	2	27.	14420	Screw, Gear Housing Attachment, 6x50 UHJX	2
9.	14423	Brush, Electrical Contact	2	28.	14421	Screw, Gear Housing Attachment, 6x50 RPJX	2
10.	14413	Holder Assembly, Brush, Electrical Contact, 220V.	2	29.	C-109	Washer, Lock, No. 10	4
11.	14414	Housing and Stator Assembly, Motor	1	30.	K-1108	Screw, Gear Housing Attachment, $\frac{1}{4}$ -20x $\frac{3}{8}$ " long, Mach., Fil. Hd., Slit	2
12.	14406	Insulator, Creeping Current	1	31.	13140	Plug, Pipe, Gear Lube Access, $\frac{1}{8}$ " (See item "A")	1
13.	14415	Clamp Electrical Cord (included with Item No. 2)	1	33.	13138	Bushing, Shoulder (See Item "A")	2
14.	14416	Screw, Cord Assembly Mounting, #6x $\frac{3}{4}$ " long, Sheet Metal, Pan Hd. Phil.	2	34.	12896	Gear Assembly, Worm Wheel	1
15.	14448	Screw, Swivel Attachment, (On-Off), #7x $\frac{3}{4}$ " long, Sheet Metal, Pan Hd. Phil.	1	35.	12895	Gear, Worm Wheel	1
16.	10047	Washer, Belleville	2	36.	12897	Plunger, Worm Wheel Gear	2
17.	13142	Bearing, Ball, Armature, Rear	1	37.	12899	Spring, Compression, Plunger	2
18.	14417	Armature Assembly, 220V. Motor, (includes Fan Item No. 47)	1	38.	O-100	Pin, Dowel, Plunger, $\frac{1}{8}$ x $\frac{1}{4}$ " long	2
20.	13862	Bearing Set (includes Items No. 23, 24, 52, 53)	1	39.	13114	Seal, O-Ring, Worm Wheel Gear	2
				40.	13453	Setscrew, Sleeve Retaining (Special)	2

Item	Part No.	Description	Req'd
41.	12896	Sleeve, Plunger	2
42.	K-910	Screw, Gear Housing, #10-24x $\frac{3}{4}$ " long, Mach., Fil. Hd., Slit. (see Item "A")	7
3.	CB-107	Washer, Lock, Int. Tooth, #10 (see Item "A")	7
44.	14435	Screw, Handle, 5x16 RPJX	2
45.	14436	Washer, Lock, Int. Tooth, M5	2
46.	14437	Handle, Female Half (See No. 14449)	1
47.	14422	Fan, Armature (included in Item No. 18)	7
48.	13825	Washer, Lock, M6	1
49.	14440	Switch, "On-Off" (Normally Off)	3
50.	14441	Screw, Handle, 6x20 RPJX	1
51.	14442	Switch, Rocker, (FWD-REV)	2
52.	13118	Race, Needle Bearing, Inner	1
53.	13115	Support, Needle Bearing	2
56.	14443	Setscrew, Brush Holder	1
57.	13119	Worm Shaft Assembly (includes Items 25, 52, 53)	1

Item	Part No.	Description	Req'd
58.	13137-1	Housing Half (not sold separately, see Item "A")	1
59.	13137-2	Housing Half (not sold separately, see Item "A")	1
60.	13155	Cap, Torque Rod	1
61.	14444	Plate, Identification	1
62.	14720	Jumper Wire, Switch	2
63.	14721	Jumper Wire, Switch	1
A	13137	Housing Assembly	1
	13102	Lubricant, 8-oz. Tube	1
	14449	Handle Assembly (includes items 2, 46, 13)	1
Not included in this assembly:			
64.	14493	Key, Drive, Removable	1
65.	14492	Gear Assembly, Worm Wheel Removable Square Drive	1
	14445	Hardware Kit, Screw and Washer (includes all attaching hardware)	1

**No. 14402 Mini-Collins Final Assembly —
Double Insulated 220V. VDE Unit (Plunger Drive)**
Same as #14400 above except add #14311 capacitor,
#14312 capacitor.

**No. 14403 Mini-Collins Final Assembly —
Double Insulated, 220V. CH Unit (Plunger Drive)**
Same as #14400 except add #14314 capacitor, #14315
capacitor, #14316 filter, #14317 inductor.



Industrial Equipment Company

6112 N. Mesa St. #127, El Paso, TX 79912

Ph: 1-866-566-0222

**No. 14432 Mini-Collins Final Assembly —
Double Insulated 220V. Standard Unit
(Square Drive)**
Same as #14400 above except Item 34, #12896 re-
placed by item 65, #14492.

**No. 14433 Mini-Collins Final Assembly —
Double Insulated 220V. VDE Unit (Square Drive)**
Same as #14400 above except item 34, #12896 re-
placed by item 65, #14492 and add #14311 capacitor,
#14312 capacitor.

**No. 14434 Mini-Collins Final Assembly —
Double Insulated 220V. CH Unit (Square Drive)**
Same as #14400 above except item 34, #12896 re-
placed by item 54, #14492 and add #14314 capacitor,
#14315 capacitor, #14316 filter, #14317 inductor.