

PARTS LIST OF VZ-1812,3007
LEVER TYPE
(HIOS,HEX 230V)

ISSUED: April,1997
 REVISED: April, 2001

PARTS NAME	PARTS NO.	PARTS NAME	PARTS NO.
1 Front Ring (Green)	VZ18-0010B	37 Lower Planet Cage	VZ3007-0360
2 Nut Stopper Ring	VZ18-0020	38 Planet Gear 21/1	VZ3007-0370
3 Torque Adjusting Nut	VZ18-0030	39 Upper Planet Cage	VZ3007-0400
4 Knotting Roller	VZ18-0041	40 Pinion Gear 18/1	VZ3007-0410
Knotting Roller	VZ30-0040		
5 Torque Adjusting Bolt	VZ18-3050	41 Grease Seal	VZ18-0660
6 O-Ring 18 φ	M3-0260	42 OV-Ring	VZ18-0350
7 Collar Stopper	CL65-0110	43 Nylon Rod	VZ18-0700
Collar Stopper	VZ18X-0070	44 Bearing for Fan (Includes No.45)	_____
8 Joint Shaft Collar	VZ18-0080	45 Fan	VZ18-3380
Joint Shaft Collar	VZ18X-0080	46 Motor Assembly 230V	VZ18-0390B
9 Collar Spring	CL65-0130	47 _____	_____
10 Stopper Washer (Spring Stopper)	VZ18-0130	48 Front Cover	VZ18-0420
Stopper Washer (Spring Stopper)	VZ18X-0130	49 Motor Set Band	VZ18-0410
11 Bearing 15x10x4 (x2) Includes No.5	_____	50 Ball Bearing	VZ18-0430
12 Joint Shaft Stopper	VZ18-0140	51 Rotor 230V	VZ18-0440B
13 Steel Ball 2.5 φ	BALL -025	52 Magnet Case	_____
Steel Ball 2.5 φ	BALL -025	53 Motor Bearing	CL65-0410
14 Joint Shaft	VZ18-0120	54 End Cover	VZ18-0470
Joint Shaft	VZ18X-0120	55 Carbon Brush	VZ18-0480B
15 Spring Holder	VZ18-0150	56 Carbon Brush Cap	VZ18-0490
16 Torque Adjusting Spring 2.6 φ (Silver)	VZ18-0160		
Torque Adjusting Spring 3.0 φ (Black)	VZ30-0160	Circuit Assembly 29(x2),57-62	VZ18-3550B
Clutch Panel Set 17-19A,20-22	VZ18-3220	57 Condenser A	VZ18-0500
		58 Condenser B	VZ18-0511B
17 Thrust Washer Set Ring	VZ18-0170		
18 Thrust Washer	VZ18-0180	For/Rev Switch Assembly 59,60	VZ18-3520B
19A Steel Ball 2.5 φ	BALL -025		
		59 For/Rev Switch	_____
19B Steel Ball 2.5 φ	BALL -025	60 Noise Filter (Surge Absorber)	_____
20 Clutch Panel Spring	VZ18-0200	61 Resistor	VZ18-0540B
21 Clutch Panel Cover	VZ18-0210	62 Switch Plate	VZ18-0740U
22 Clutch Panel	VZ18-0220		
		63 P.C.B.Assembly(Includes Circuit Assy)	_____
23 Cam	VZ18-0241	64 Body Case A & B (Green)	VZ18-0561B
Cam	VZ3007-0240	65 Switch Lever (Green)	VZ18-0571B
24 Steel Ball 4.5 φ	BALL -045	66 Lever Shaft 2X18.8	VZ18-0580
25 Ball Guide	VZ18-0261	67 Switch Lever Spring	VZ18-0591
26 Thrust	VZ18-0270	68 Name Plate A	VZ1812-0600B
27 Gear Case	VZ18-0280	69 Name Plate B (Model No.Seal)	VZ1812-0610B
28 Switch Protector	VZ18-0290	Name Plate B (Model No.Seal)	VZ3007-0610B
29 Limit Switch	CL4-0230	70 Set Screw 3x12	STP30X120
30 Center Pin 2x67.1	VZ18-0690		
31 Lower Planet Cage	VZ30-0360	71 Hanger	CL65-0650
32 Planet Gear 10.8/1	VZ30-0370	72 End Ring (Green)	VZ18-0641B
33 Thrust Washer	CL4-0290	73 A.C.Cord 230V	VZ18-0651B
34 Plate B	VZ30-0390		
35 Upper Planet Cage	VZ30-0400	* HIOS Shank possible to produce	
36 Pinion Gear 10.8/1	VZ30-0410	only Model VZ-1812	