



PART NO.	DESCRIPTION	QTY
2A	Air Inlet	1
4A	Exhaust Deflector	1
5	Motor Housing	1
6	Lever Pin	1
7	Lever	1
8	O-Ring (2PCS)	1 set
9	Valve Bushing	1
10	O-Ring (2PCS)	1 set
11	Valve Stem	1
12	Spring	1
13	Regulator	1
14	O-Ring	1
15	O-Ring	1
16	Valve Screw	1
17	Ball Bearing 626ZZ	1
18	Rear End Plate	1
19	Cylinder (19.20.21)	1 set
20	Pin	1
21	Spring Pin	1
22	Rotor Blade (4PCS)	1 set
23	Rotor	1
24	Spring Pin	1
25	Front End Plate (24.25)	1 set
26	Ball Bearing 608ZZ	1
27	Washer	1
28	Internal Gear	1
29	Ball Bearing 6001ZZ	1

PART NO.	DESCRIPTION	QTY
30	Gear (2PCS)	1 set
31	Needle Bearing KT477 (2PCS)	1 set
32	Planet Pin (2PCS)	1 set
33	Planet cage	1
34	Washer	1
35	Ball Bearing 608ZZ	1
36	Clamp Nut	1
37	Needle Bearing 1212-HKQ	1
38	Crank Shaft	1
39	Driver Bushing	1
40	Ratchet Housing	1
41	Spring	1
42	Lock Pin	1
43	Spring (2PCS)	1 set
44	Steel Ball (2PCS)	1 set
45	Pin 1/2" Steel Ball 3/8"	1
46	Yoke	1
47	Reverse Button	1
48	Washer	1
49	Dowel Pin	1
50	Ratchet Pawl	1
51	Steel Ball (assembled with anvil)	1
52	Spring (assembled with anvil)	1
53	1/2" Anvil Ass'y (51.52.53)	1 set
54	Thrust Washer for 1/2"	1
55	Retaining Ring	1

Item No.	Square Drive	Torque Range	Max Torque	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure (Power)	Vibration level
	inch	Nm	Nm	R.P.M	CFM	PSI	inch	LBS	inch	dBA	m/s ²
MS-443	1/2"	13.5-74	135.6	160	4.0	90	11"	2.8	3/8"	84.0	4.4

Uncertainty K=0.5a if a ≤ 5 m/s² or K=0.4a if a > 5 m/s²