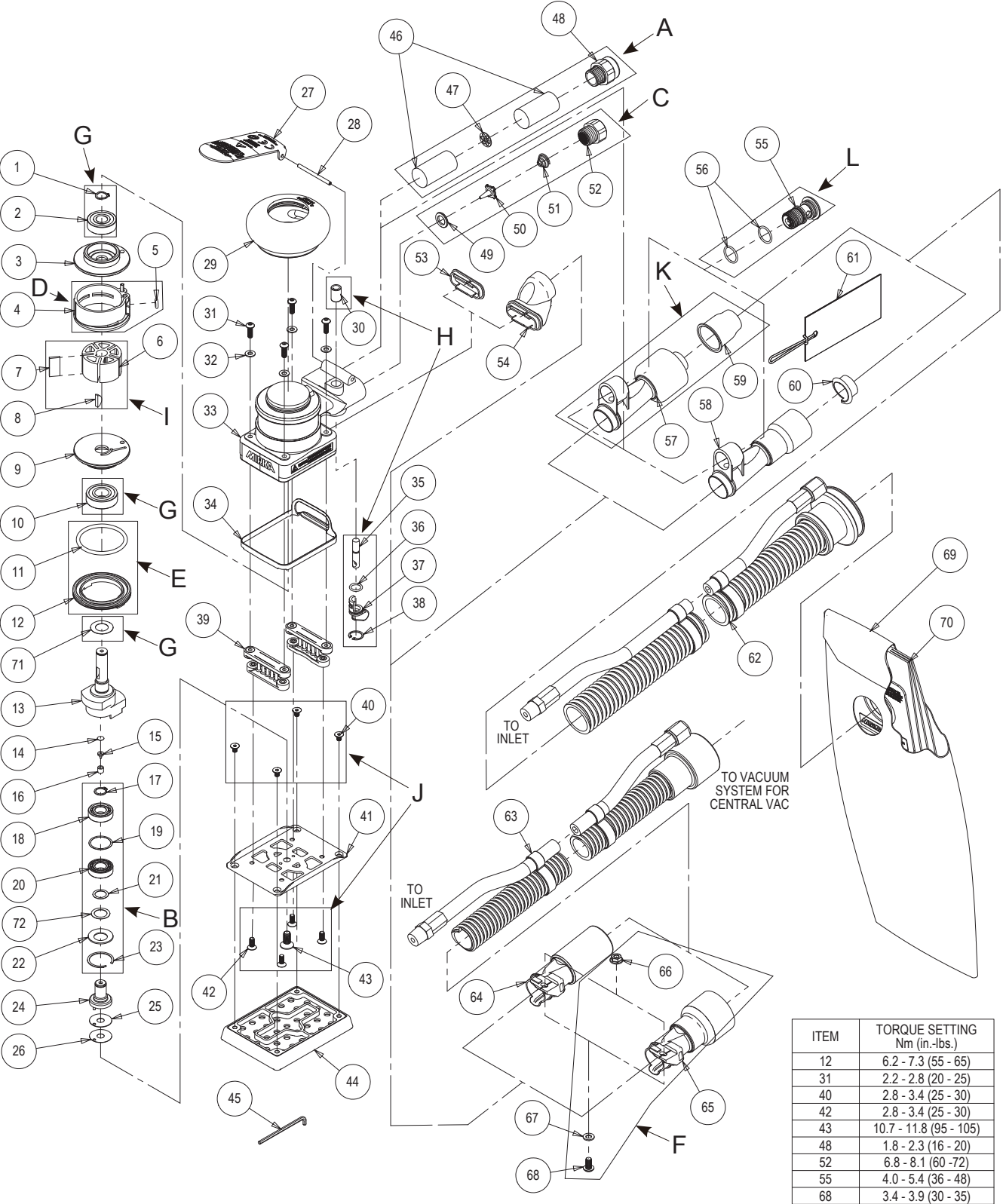




Exploded view of OS 343, 75 x 100 mm

Updated 01.12.2016



ITEM	TORQUE SETTING Nm (in.-lbs.)
12	6.2 - 7.3 (55 - 65)
31	2.2 - 2.8 (20 - 25)
40	2.8 - 3.4 (25 - 30)
42	2.8 - 3.4 (25 - 30)
43	10.7 - 11.8 (95 - 105)
48	1.8 - 2.3 (16 - 20)
52	6.8 - 8.1 (60 - 72)
55	4.0 - 5.4 (36 - 48)
68	3.4 - 3.9 (30 - 35)

OS 343, 75x100 mm Kits

Mirka code	Item Description	Kit	Part No	QTY
8993017211	Muffler Kit 10 000 rpm		MPA0805	
	46 Muffler	A	MPA0032	2
	47 Plate		MPA0038	1
	48 Muffler Housing		MPA0166	1
8993019611	ROS/OS Spindle Bearing Kit		MPA0807	
17	10.0 mm Retaining Ring		MPA0107	1
18	10 x 22 x 6 Bearing - No Seal/Shields		MPA0162	1
19	Spacer 22.0 x 18.0 x 0.1		MPA0196	1
20	10 x 22 x 6 Bearing - 1 Seal	B	MPA0161	1
21	Shim 10.1 Id x 14.0 Od x 0.2 Thk		MPA0108	1
22	Belleville Washer 12.1 Id x 22.4 Od x 1.86 Ht		MPA0126	1
23	Retaining Ring 22.2 mm		MPA0177	1
72	Spindle Bearing Dust Shield		MPA2543	1
8993018811	Air Inlet Kit			MPA0798
49	Valve Seat		MPA0009	1
50	Valve	C	MPA0007	1
51	Valve Spring		MPA0014	1
52	Inlet Bushing Assembly 1/4-18 NPT		MPA0013	1
8993009211	Cylinder And O-Ring Kit			MPA0994
4	Cylinder Assembly	D	MPA0005	1
5	5 mm x 2.0 mm O-Ring		MPA0042	1
8993007911	Lock Ring And O-Ring Kit		MPA0993	
11	39.4 mm x 3.1 mm O-Ring	E	MPA0045	1
12	Lock Ring		MPA0001	1
8991600311	Swivel Fitting Kit CV 28 mm		MPA3207	
65	Supervac™ Cv 28 mm (1 In.) Cv Swivel Exhaust Assembly		MPA0092	1
66	M5 x 0.8 Flanged Nut	F	MPA0048	1
67	M5 Washer		MPA0047	1
68	Hex Socket Button Head Machine Screw M5 x 10		MPA0769	1
8993019811	Endplate Bearing Kit			MPA0799
1	External Retaining Ring		MPA0040	1
2	10 x 26 x 8 Bearing - 2 Shields	G	MPA0021	1
10	12 x 28 x 8 Bearing - 2 Shields		MPA0019	1
71	Front Bearing Dust Shield		MPA2541	1
8993019011	Speed Valve Kit			MPA0800
30	Valve Sleeve		MPA0015	1
35	Valve Stem Assembly	H	MPA0008	1
36	9 mm x 1.5 mm O-Ring		MPA0043	1
37	Speed Control		MPB0014	1
38	Internal Retaining Ring		MPA0039	1
8993017711	Rotor, Vanes And Key Kit			MPA0801
6	Machined Rotor	I	MPB0005	1
7	Vane		MPA0010	5
8	3 mm x 13 mm Woodruff Key		MPA0041	1

OS 343, 75x100 mm Kits

Mirka code	Item Description	Kit	Part No	QTY
8993015511	Screw Kit		MPA1672	
	40 Screws	J	MPA0766	4
	42 Screws		MPA0767	4
	43 Screw		MPA0078	1
8993011311	Swivel Fitting 28 mm Kit DB			MPA0932
	57 28 mm (1 In.) Hose Supervac™ DB Swivel Exhaust Assembly (Standard For DB))	K	MPA0410	1
	59 28mm (1 In.) Hose Seal		MPA0778	1
8991600911	Retainer & O-Ring Kit For DB		MPA2697	1
	55 Retainer DB 10 00 rpm	L	MPA0722	1
	56 O-Ring 14.0 x 1.5		MPA0044	2
8991621311	Shaft Balancer Kit		MPA 2190	
	13 3 mm (1/8 In.) Orbit Airshield™ Shaft Balancer		MPB0102	1
	14 Filter	x	MPA0122	1
	15 Check Valve		MPA0121	1
	16 Retainer		MPA0120	1
8991610711	Lever Kit 3,0 mm Orbit		MPA1730	
	27 Lever	x	MPA1697	1
	28 Pin		MPA0031	1
8993011411	DB Swivel Fitting 19 mm Kit		MPA0858	OPT.
	58 19 mm (¾ In.) Hose Supervac™ DB Swivel Exhaust Assembly (Optional For DB)		MPA0409	1
	60 19mm (3/4 In.) Hose Seal	x	MPA0854	1
	61 19mm (3/4 In.) Hose Seal Tag		MPA0856	OPT.
	28mm (1 In.) Hose Seal Tag		MPA0931	1

Separate parts on next page

OS 343, 75x100 mm Spare parts

Mirka code	Item Description	Kit	Part No	QTY
	1 External Retaining Ring	G	MPA0040	1
	2 10 x 26 x 8 Bearing - 2 Shields	G	MPA0021	1
8993009311	3 Rear Endplate		MPB0017	1
	4 Cylinder Assembly	D	MPA0005	1
	5 5 mm x 2.0 mm O-Ring	D	MPA0042	1
	6 Machined Rotor	I	MPB0005	1
	7 Vane	I	MPA0010	5
	8 3 mm x 13 mm Woodruff Key	I	MPA0041	1
8993009411	9 Front Endplate		MPB0016	1
	10 12 x 28 x 8 Bearing - 2 Shields	G	MPA0019	1
	11 39.4 mm x 3.1 mm O-Ring	E	MPA0045	1
	12 Lock Ring	E	MPA0001	1
	13 3 mm (1/8 In.) Orbit Airshield™ Shaft Balancer	x	MPB0102	1
	14 Filter	x	MPA0122	1
	15 Check Valve	x	MPA0121	1
	16 Retainer	x	MPA0120	1
	17 Retaining Ring 10.0 mm	B	MPA0107	1
	18 10 x 22 x 6 Bearing - No Seal/Shields	B	MPA0162	1
	19 Spacer 22.0 x 18.0 x 0.1	B	MPA0196	1
	20 10 x 22 x 6 Bearing - 1 Seal	B	MPA0161	1
	21 Shim 10.1 Id x 14.0 Od x 0.2 Thk	B	MPA0108	1
	22 Belleville Washer 12.1 Id x 22.4 Od x 1.86 Ht	B	MPA0126	1
	23 Retaining Ring 22.2 mm	B	MPA0177	1
8993015811	24 Spindle Assembly		MPA0163	1
8991601011	25 Spacer (0,4 mm Thick)		MPA0080	1
	26 Spacer (0,2 mm Thick)		MPA0079	OPT.
	27 Lever	x	MPA1697	1
	28 Pin	x	MPA0031	1
8993013811	29 65 mm (2 1/2 In.) Grip (Optional)		MPA0288	OPT.
	29 70 mm (2 3/4 In.) Grip (Optional)		MPA0289	OPT.
8993013511	29 75 mm (3 In.) Grip (Standard))		MPA0290	1
	30 Valve Sleeve	H	MPA0015	1
8991800911	31 Screws		MPA0768	4
8991800411	32 Washer		MPA0076	4
8991606811	33 Housing		MPA0743	1
8991600711	34 Seal		MPC0162	1
	35 Valve Stem Assembly	H	MPA0008	1
	36 9 mm x 1.5 mm O-Ring	H	MPA0043	1
	37 Speed Control	H	MPB0014	1
	38 Internal Retaining Ring	H	MPA0039	1
8991600411	39 Mini Pad Support MPC0018 for OS 343		MPC0018	2
	40 Screws	J	MPA0766	4
8991600811	41 Pad Backing		MPB0101	1
	42 Screws	J	MPA0767	4

OS 343, 75x100 mm Spare parts

Mirka code	Item Description	Kit	Part No	QTY
	43 Screw	J	MPA0078	1
8295340111	44 Backing Pad 75x100mm Grip 33H			1
8991608011	45 Hex Wrench 2.5 mm (Supplied With Each Tool)		MPA0864	1
	46 Muffler	A	MPA0032	2
	47 Plate	A	MPA0038	1
	48 Muffler Housing	A	MPA0166	1
	49 Valve Seat	C	MPA0009	1
	50 Valve	C	MPA0007	1
	51 Valve Spring	C	MPA0014	1
	52 Inlet Bushing Assembly 1/4-18 NPT	C	MPA0013	1
8991600611	53 Snap-In Vacuum Cover Plate		MPB0069	1
8991600511	54 Snap-In Exhaust Adapter		MPC0017	1
	55 Retainer DB 10 00 rpm	L	MPA0722	1
	56 O-Ring 14.0 x 1.5	L	MPA0044	2
	57 28 mm (1 In.) Hose Supervac™ DB Swivel Exhaust Assembly (Standard For DB))	K	MPA0410	1
	59 28mm (1 In.) Hose Seal	K	MPA0778	1
	58 19 mm (¾ In.) Hose Supervac™ DB Swivel Exhaust Assembly (Optional For DB)	x	MPA0409	1
	60 19mm (¾ In.) Hose Seal	x	MPA0854	1
	61 19mm (¾ In.) Hose Seal Tag	x	MPA0856	OPT.
	61 28mm (1 In.) Hose Seal Tag		MPA0931	1
8993006711	62 ø 28 mm (1 in.) vac Hose to ø 28 mm (1 in.) double bag fitting and airline assy. (std for DB) incl.: MPA0034 ø 28 mm (1 in) x 1.8 m (6 ft) vacuum Hose, MPB0123 ø 28 mm (1 in) Hose to double bag vacuum fitting, MPA0033 ø 6.3 mm (¼ in) x 1.8 m (6 ft) airline with fittings, MPA0027 bungee for ø 6.3 mm (¼ in.) airline & ø 28 mm (1 in.) vacuum Hose (5)		MPA0412	1
8993041111	ø 19 mm (¾ in.) vac Hose to ø 19 mm (¾ in.) double bag fitting and airline assembly (opt. for DB) incl.: MPA0200 ø 19 mm (¾ in) x 1.5 m (5 ft) vacuum Hose, MPB0133 ø 19 mm (¾ in) Hose to double bag vacuum fitting, MPA0302 ø 6.3 mm (¼ in) x 1.5 m (5 ft) airline with fittings, MPA0301 bungee for ø 6.3 mm (¼ in) airline & ø 19 mm (¾ in) vacuum Hose (5)		MPA0411	OPT.
8993306711	63 ø 19 mm (¾ in.) vac Hose to ø 19 mm (¾ in.) x ø 28 mm (1 in.) Hose adapter coupling and airline assembly includes: MPA0200 ø 19 mm (¾ in.) x 1.5 m (5 ft.) vacuum Hose, MPB0088 19 mm (¾ in.) Hose x 28 mm (1 in.) Hose adapter, MPA0302 ø 6.3 mm (¼ in.) x 1.5 m (5 ft.) airline with fittings, MPA0301 bungee for ø 6.3 mm (¼ in.) airline & ø 19 mm (¾ in.) vacuum Hose (5)		MPA0300	OPT.
8991600211	64 Supervac™ Cv 19 mm (¾ In.) Cv Swivel Exhaust Assembly		MPA1239	OPT.
8991600311	65 Supervac™ Cv 28 mm (1 In.) Cv Swivel Exhaust Assembly	F	MPA0092	1
	66 M5 x 0.8 Flanged Nut	F	MPA0048	1
	67 M5 Washer	F	MPA0047	1
	68 Hex Socket Button Head Machine Screw M5 x 10	F	MPA0769	1
8993010211	66 M5 x 0.8 Flanged Nut		MPA0048	1
8993009911	67 M5 Washer		MPA0047	1
8993010111	68 Hex Socket Button Head Machine Screw M5 x 10		MPA0769	1
8993206011	69 Dustbag Nylon		MPA0658	1
8993206511	70 Dustbag Paper		MPA0465	1
	71 Front Bearing Dust Shield	G	MPA2541	1
	72 Spindle Bearing Dust Shield	B	MPA2543	1