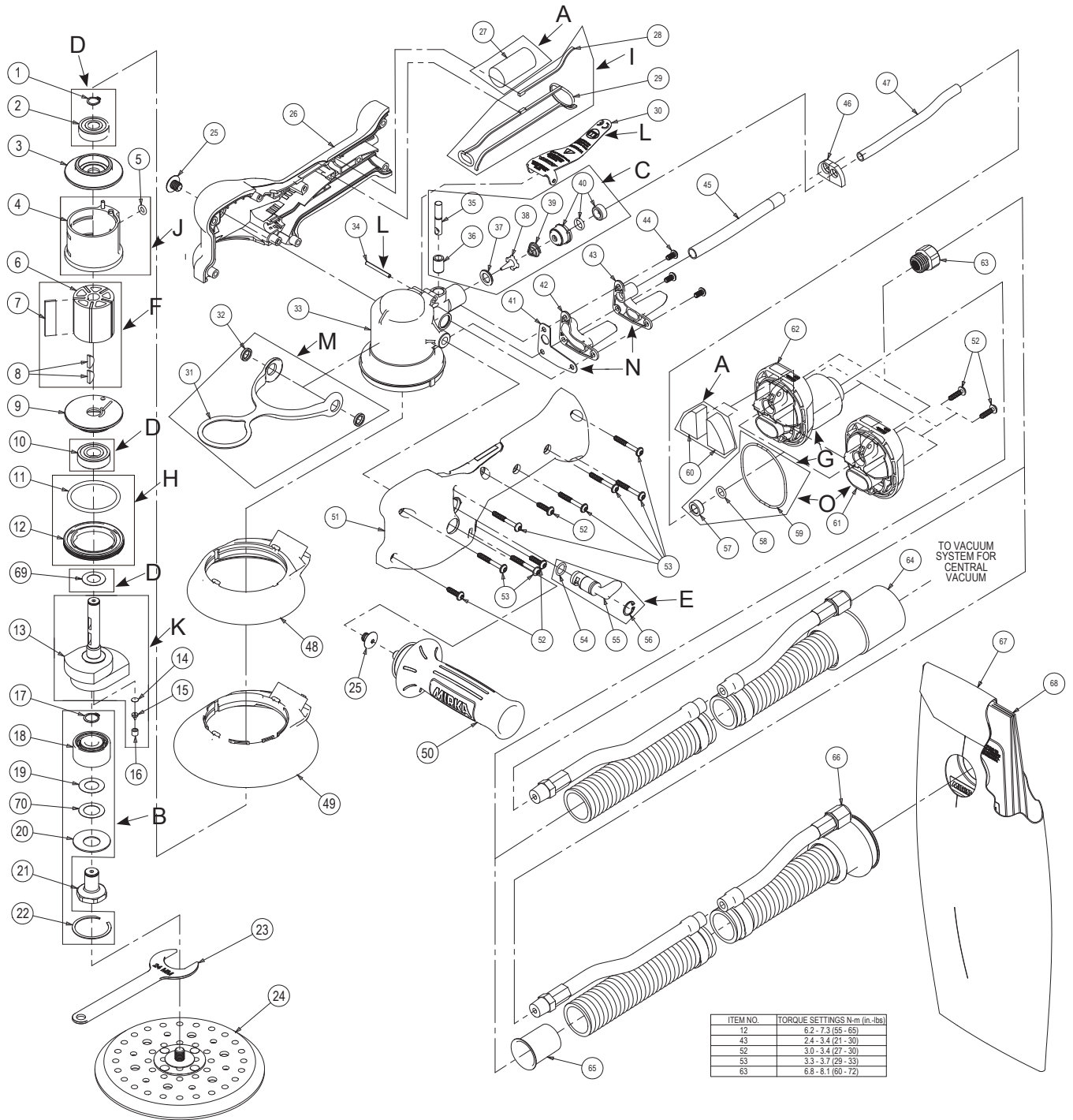


Exploded view of ROS2, 125 mm & 150 mm

Updated 14.02.2019



ITEM NO.	TORQUE SETTINGS N-m (in.-lbs)
12	6.2 - 7.3 (55 - 65)
43	2.4 - 3.4 (21 - 30)
52	3.0 - 3.4 (27 - 30)
53	3.3 - 3.7 (29 - 33)
63	6.8 - 8.1 (60 - 72)

ROS2 125/150 mm Kits

Mirka code	Item	Description	Kit	Part No	QTY
8994026011		Muffler Kit		MPA2214	
	27	Muffler Insert	A	MPA0032	1
	60	Muffler (NV & CV Machines)		MPA0776	2
8994021811		ROS2 Spindle Bearing Kit		MPA2186	
	17	Retaining Ring		MPA0090	1
	18	Double Row Bearing		MPA0751	1
	19	Spacer	B	MPA1767	1
	20	Belleville Washer		MPA1024	1
	22	Retaining Ring		MPA1025	1
	70	TwoHand Spindle Bearing Dust Shield		MPA2540	1
8994024011		Air Inlet Kit		MPA2216	
	35	Valve Stem Assembly		MPA0655	1
	36	Valve Sleeve		MPA0015	1
	37	Valve Seat	C	MPA0009	1
	38	Valve		MPA0007	1
	39	Valve Spring		MPA0014	1
	40	Airline Seal Assembly		MPA0730	1
8993019811		Endplate Bearing Kit		MPA0799	
	1	Retaining Ring		MPA0040	1
	2	Bearing	D	MPA0021	1
	10	Bearing		MPA0019	1
	69	Front Bearing Dust Shield		MPA2541	1
8994025511		Speed Valve Kit		MPA2218	
	54	O-Ring	E	MPA0043	1
	55	Speed Valve		MPB0183	1
	56	Retaining Ring		MPA0039	1
8994020611		Rotor, Vanes And Key Kit		MPA2220	
	6	Rotor	F	MPB0118	1
	7	Vane		MPA0445	5
	8	Key		MPA0041	2
8994026711		Vacuum Endcap Kit		MPA2222	
	57	Inlet Captive Ring		MPA0510	1
	58	O-Ring	G	MPA0509	1
	59	O-Ring (NV & CV Machines)		MPA0628	1
	62	Inlet/Exhaust End Cap Assembly (DB & CV Machines)		MPA1294	1
8993007911		Lock Ring And O-Ring Kit		MPA0993	
	11	O-Ring	H	MPA0045	1
	12	Lock Ring		MPA0001	1
8994012911		Motor Housing Seal Kit		MPA2531	
	28	Top Housing Seal	I	MPA1218	1
	29	Motor Housing Seal		MPB0290	1
8994020411		Cylinder And O-Ring Kit		MPA2593	
	4	Cylinder Assembly	J	MPA0441	1
	5	O-Ring		MPA0042	1
8994551311		Shaft Balancer 125 mm/5,0 Kit		MPA2505	
	13	125 x 5.0 mm (5 x 3/16 In.) Orbit Shaft Balancer		MPB0207	1
	14	Filter	K	MPA0122	1
	15	Check Valve		MPA0121	1
	16	Retainer		MPA0120	1

ROS2 125/150 mm Kits

Mirka code	Item	Description	Kit	Part No	QTY
8994511311		Shaft Balancer 125 mm/10,0 Kit		MPA2945	
	13	125 x 10 mm (5 x 3/8 In.) Orbit Shaft Balancer		MPB0189	1
	14	Filter	K	MPA0122	1
	15	Check Valve		MPA0121	1
	16	Retainer		MPA0120	1
8994651311		Shaft Balancer 150 mm/5,0 Kit		MPA3337	
	13	150 x 5.0 mm (6 x 3/16 In.) Orbit Shaft Balancer		MPB0187	1
	14	Filter	K	MPA0122	1
	15	Check Valve		MPA0121	1
	16	Retainer		MPA0120	1
8994611311		Shaft Balancer 150 mm/10,0 Kit		MPA2572	
	13	150 x 10 mm (6 x 3/8 In.) Orbit Shaft Balancer		MPB0188	1
	14	Filter	K	MPA0122	1
	15	Check Valve		MPA0121	1
	16	Retainer		MPA0120	1
8994023011		Lever Kit 5,0 mm		MPA2834	
	30	Lever 5.0 mm (3/16 In.)	L	MPA2068	1
	34	Cylinder Spring Pin		MPA0004	1
8994033011		Lever Kit 10,0 mm		MPA2737	
	30	Lever 10.0 mm (3/8 In.)	L	MPA2069	1
	34	Cylinder Spring Pin		MPA0004	1
8994023111		Hanger and Spacer Ring Kit		MPA2832	
	31	Hanger - Black	M	MPB0420	1
	32	Spacer Ring		MPA1865	2
8994244311		Exhaust Nozzle And Gasket Kit NV/CV		MPA2924	
	41	Exhaust Gasket	N	MPA0500	1
	43	NV/CV Exhaust Nozzle (NV & CV Machines)		MPB0182	1
8994225311		End Cap Kit NV		MPA2926	
	57	Inlet Captive Ring		MPA0510	1
	58	O-Ring	O	MPA0509	1
	59	O-Ring (NV & CV Machines)		MPA0628	1
	61	Inlet/Exhaust End Cap Assembly (NV Machines)		MPA0731	1

Separate parts on next page.

ROS2 125/150 mm Spare parts

Mirka code	Item	Description	Kit	Part No	QTY
	1	Retaining Ring	D	MPA0040	1
	2	Bearing	D	MPA0021	1
8993009311	3	Rear Endplate		MPB0017	1
	4	Cylinder Assembly	J	MPA0441	1
	5	O-Ring	J	MPA0042	1
	6	Rotor	F	MPB0118	1
	7	Vane	F	MPA0445	5
	8	Key	F	MPA0041	2
8993009411	9	Front Endplate		MPB0016	1
	10	Bearing	D	MPA0019	1
	11	O-Ring	H	MPA0045	1
	12	Lock Ring	H	MPA0001	1
	13	125 x 5.0 mm (5 x 3/16 In.) Orbit Shaft Balancer	K	MPB0207	1
	13	125 x 10 mm (5 x 3/8 In.) Orbit Shaft Balancer	K	MPB0189	1
	13	150 x 5.0 mm (6 x 3/16 In.) Orbit Shaft Balancer	K	MPB0187	1
	13	150 x 10 mm (6 x 3/8 In.) Orbit Shaft Balancer	K	MPB0188	1
	14	Filter	K	MPA0122	1
	15	Check Valve	K	MPA0121	1
	16	Retainer	K	MPA0120	1
	17	Retaining Ring	B	MPA0090	1
	18	Double Row Bearing	B	MPA0751	1
	19	Spacer	B	MPA1767	1
	20	Belleville Washer	B	MPA1024	1
8994012111	21	Spindle		MPB0208	1
	22	Retaining Ring	B	MPA1025	1
8995604121	23	Mirka Pad Wrench 24 mm (Supplied With Each Tool)			1
8292605011	24	Backing Pad Net 150mm 5/16" Grip 48H Medium			1
8292502011	24	Backing Pad Net 125mm 5/16" Grip 28H Medium			1
8994602511	25	Threaded Plug		MPA1711	2
8994012611	26	Rh Housing		MPB0393	1
	27	Muffler Insert	A	MPA0032	1
	28	Top Housing Seal	I	MPA1218	1
	29	Motor Housing Seal	I	MPB0290	1
	30	Lever 5.0 mm (3/16 In.)	L	MPA2068	1
	30	Lever 10.0 mm (3/8 In.)	L	MPA2069	1
	31	Hanger - Black	M	MPB0420	1
	32	Spacer Ring	M	MPA1865	2
8994013311	33	Motor Housing		MPB0356	1
	34	Cylinder Spring Pin	L	MPA0004	1
	35	Valve Stem Assembly	C	MPA0655	1
	36	Valve Sleeve	C	MPA0015	1
	37	Valve Seat	C	MPA0009	1
	38	Valve	C	MPA0007	1
	39	Valve Spring	C	MPA0014	1
	40	Airline Seal Assembly	C	MPA0730	1
	41	Exhaust Gasket	N	MPA0500	1
8994014211	42	DB Exhaust Nozzle (DB Machines)		MPB0181	1
	43	NV/CV Exhaust Nozzle (NV & CV Machines)	N	MPB0182	1
8994804411	44	Screws		MPA0664	3
8994014511	45	Exhaust Tubing (NV & CV Machines)		MPA0517	1
8994215711	46	Tubing Clamp (NV & CV Machines)		MPA0516	1
8994014711	47	Inlet Tubing		MPA0511	1

ROS2 125/150 mm Spare parts

Mirka code	Item	Description	Kit	Part No	QTY
8994604811	48	125/150 mm (5/6 In.) Buffer/NV Shroud		MPC0153	1
8994504911	49	125 mm (5 In.) Multi-Hole/Shroud		MPC0145	1
8994604911	49	150 mm (6 In.) Multi-Hole/Shroud		MPC0138	1
8994605011	50	Side Handle - Mirka		MPA1981	1
8994015111	51	LH Housing		MPB0394	1
	52	Screws		MPA1398	5
	53	Screws		MPA1430	7
	54	O-Ring	E	MPA0043	1
	55	Speed Valve	E	MPB0183	1
	56	Retaining Ring	E	MPA0039	1
	57	Inlet Captive Ring	G,O	MPA0510	1
	58	O-Ring	G,O	MPA0509	1
	59	O-Ring (NV & CV Machines)	G,O	MPA0628	1
	60	Muffler (NV & CV Machines)	A	MPA0776	2
	61	Inlet/Exhaust End Cap Assembly (NV Machines)	O	MPA0731	1
	62	Inlet/Exhaust End Cap Assembly (DB & CV Machines)	G	MPA1294	1
8993009511	63	Inlet Bushing Assembly		MPA0013	1
8993039211	64	Ø 28 mm(1 In.) Vacuum hose =>Ø 28 mm(1 In.) x 38 mm (1 1/2 In.) adaptor coupling & airline ass. (CV Machines)		MPA0392	1
8994016511	65	Ø 28 mm (1 In.) Hose seal (DB Machines)		MPA0623	1
8993006711	66	Ø 28 mm (1 In.) Vacuum hose to double bag fitting and airline ass. (DB Machines)		MPA0412	1
8993206511	67	Dustbag Paper		MPA0465	1
8993206011	68	Dustbag Nylon		MPA0658	1
	69	Front Bearing Dust Shield	D	MPA2541	1
	70	TwoHand Spindle Bearing Dust Shield	B	MPA2540	1