

Maintenance Kits and Parts List for the RXA-165



RXA-165
OIL LUBRICATED VACUUM PUMP
Part Numbers cover all revisions and motor configuration of RXA-165

PARTS LIST

Pos. No.	Part No.	Description	Qty	Notes
490	0320.490.03	Gasket Kit, RXA-165		
500	0320.500.03	Rebuild Kit, RXA-165	1	KITS
501	0320.501.01	Filter Kit, RXA-165	1	
1	0320.001.D0	Cylinderø142x180/PCD162x12-M8 / Inlet M8, RXA-165	1	
15	0320.015.00	Rotorø117x180, RXA-165	1	
18	0430.018.00	Sleeve, Bearing IRa30xø35x30, RXA-165/202	2	
22	0320.022.A0	Vane180x50x4t, G11, RXA-165	3	Included in Rebuild Kit
25	0430.025.A0	A-end plate, motor sidePCD162x6-ø9, RXA-165/202	1	
26	0430.026.00	B-end plate, Fan sidePCD162x6-ø9, RXA-165/202	1	
30	0000.G04.00	Bearing RNA4906, RXA-165/175/202/250/302	2	Included in Rebuild Kit
31	0430.031.00	Sleeve(Spacer Ring)ø43xø47x4t, RXA-165/175/202/250/302	2	
35	0000.LUSD.00	Shaft sealø35xø47x6t, RXA-165/175/202/250	2	Included in Rebuild Kit
50	0000.U20.00	O-Ring, End plate ø146x2.0, RXA-165/202	2	Included in Rebuild Kit
53	0000.B8G.00	Allen bolt	12	
54	0000.F2E.00	Spring lock washer	12	
60	0000.4KQ.00	Taper pinø6x25, RXA-165/202	4	Included in Rebuild Kit
65	0000.8GK.00	A-shaft key8x7x35, RXA-165/175/202/250/302	1	
66	0000.8DG.00	B-shaft key5x5x20, RXA-165/202	1	
75	0430.075.D0	Oil sump, RXA-165/202	1	
77	0430.077.D0	Demister holder130x80xø1.0, RXA-165	1	
78	0430.078.A0	Steel demister240x140x25t, RXA-165/202	1	
79	0430.079.A0	Steel metal baffle180x410x1t, RXA-165/202	1	
83	0000.OSG.00	Oil sight glass (option)G1", RXA-16	1	
84	0000.LTB.00	Gasket, Oil sight glass	1	Included in Rebuild Kit
85	0000.BBL.00	Allen boltM8x50, RXA-165/175/202/250/302	2	
88	0000.OWF.A0	Plug, Oil fillG 3/4", 1/8" tap for gage, RXA-12/16/21	1	
88	0000.ORF.00	Plug, Oil fillG 3/4", Plastic type, RXA-12/16/21	1	
89	0000.LRA.00	O-Ring, Oil fill plug (AL type w/ gage) P26 Teflon, RXA-12/16/21	1	Included in Rebuild Kit
90	00GA.090.00	Pressure gageø1 Bar, RXA-12/16/21	1	
95	0000.OTE.00	Plug, Oil Drain G 1/2" Plastic, RXA-16	1	
96	0000.U04.00	O-Ring, Oil drain plug ø22 x T2.0, RXA-16	1	Included in Rebuild Kit
99	0060.099.00	Threaded fitting	1	
100	0500.100.00	oil filterW940/15N, RXA-165/175/202/250/302	1	Included in Rebuild Kit
105	0430.105.A0	Oil sump cover228x198x18/8-ø6.5, RXA-165/202	1	
106	0430.106.A0	Gasket, Oil sump cover228x198x1t /ø8-ø7, RXA-165/202	1	Included in Rebuild Kit
107	0000.B6H.00	Allen boltM8x30, RXA-165/202	8	
108	00HF.101.00	Sealing ring	8	
120	0430.120.B0	Exhaust filterø63.5xø100x300, End covered, RXA-165/202	1	Included in Rebuild Kit
136	0500.136.00	Gasket, Service cover130x105x1t, RXA-165/175/202/250/302	1	Included in Rebuild Kit
137	00HF.104.00	Sealing ring	2	
138	0000.B6H.00	Allen bolt	2	
139	0500.139.B0	Service cover for level Sw & Oil Heater130x115x57/4-ø9, 3/4", 1" PS Tap, RXA-165/202/250/302	1	

Pos. No.	Part No.	Description	Qty	Notes
139	0500.139.A0	Service cover for level Sw 130x115x45/4-ø9, 3/4" PS Tap, RXA-165/202/250/302	1	
139	0500.139.00	Service cover130x115x45/4-ø9, RXA-165/175/202/250/302	1	
140	0000.B6H.00	Allen boltM8x30, RXA-165/202	4	
141	0430.141.B0	Gasket, Separator cover253x158x1t/4-ø10, RXA-165/202	1	Included in Rebuild Kit
142	0430.142.B0	Separator cover plate253x158x25/4-ø9, RXA-165/202	1	
143	00HF.101.00	Sealing ring	4	
144	0430.144.00	Perforated metal screen Wire mesh, RXA-165/202	1	
145	0430.145.00	Strainer, baffleNon Woven, RXA-165/202	1	
146	0430.146.00	Perforated metal screenWire mesh, RXA-165/202	1	
159	0020.159.00	Exhaust valve ass'y 159.1" 159.6)JM6-d35xH20, RXA-165/202/63	2	
159.1	0020.159.01	Exhaust valve fixed bolt	2	
159.2	0020.159.02	Exhaust valve washer	2	
159.3	0020.159.03	Exhaust valve spring	2	
159.4	0020.159.04	Exhaust valve plateø8xø34.7xø8, RXA-12/16/21	2	
159.5	0020.159.05	Exhaust valve lock nutM6xø12.9xø4, RXA-12/16/21	2	
159.6	0020.159.06	Exhaust valve seat plateø8.2xø36xø1.9, RXA-12/16/21	2	Included in Rebuild Kit
163	0000.BBL.00	Allen boltM8x50, RXA-165/175/202/250/302	2	
164	00HF.104.00	Sealing ring	2	
185	0320.185.00	Gasket, Cylinder, RXA-165	1	Included in Rebuild Kit
189	0000.B8P.00	Allen boltM8x70, RXA-165/165/202	2	
202	0000.U03.00	O-rings15x2.3, RXA-165/202	5	Included in Rebuild Kit
203	0430.203.A0	Locking screwG 3/8", RXA-165/202	5	
220	00HF.004.00	BLM hydraulic fittingBLM 3/8"øø15, RXA-165/202/250/302	2	
221	00HF.014.00	B5LM hydraulic fitting	1	
221S-1	00HF.108.00	Sealing Ring for 221	1	
221S-2	00HF.109.00	Sealing Ring for 221	1	
222	00HF.017.00	B5LM Hydraulic fittingB5LM 18 x ø 15, RXA-165/202/250/302/630	1	
222S	00HF.113.00	Sealing Ring	2	
230	0430.230.A0	Oil tube(A-1)ø15, RXA-165/202	1	
231	0430.231.B0	Oil tube(B-1)ø10x80, RXA-165/202	1	
231	0430.231.A0	Oil tube(B-1)ø10x69, RXA-165/202	1	
232	0320.232.B0	Oil Tube(B-2)ø10x185x120, RXA-165	1	
232	0320.232.A0	Oil Tube(B-2)ø10x185x105, RXA-165	1	
233	00HF.014.00	B5LM hydraulic fitting	1	
233S-1	00HF.108.00	Sealing Ring for 221	1	
233S-2	00HF.109.00	Sealing Ring for 221	1	
234	0320.234.A0	Oil Tube(A-2)ø15, RXA-165/202	1	
237	00HF.008.00	BLT Hydraulic fittingBLT ø10/ø10/ø15, RXA-165/202/250	1	
238	0430.238.00	Washerø6.5xø18x1t, RXA-165/202	4	
239	0000.E4H.00	boltM4x40, RXA-165/202	4	
240	0430.240.A0	Fan Guide for Radiator, RXA-165/202	1	
241	0500.241.00	Radiator, RXA-165/202/250/302	1	



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Pos. No.	Part No.	Description	Qty	Notes
242	0000.E3H.00	Bolt, Flat head4 x 35, RXA-165/202	4	
243	0000.U02.00	O-Ring, Gas ballast #6x2.0, RXA-165/202	1	Included in Rebuild Kit
247	0000.U02.00	O-Ring, Gas ballast #6x2.0, RXA-165/202	1	Included in Rebuild Kit
248	0430.248.00	Washer, for 242#4, RXA-165/202	4	
250	0430.250.00	Inlet flange, Lower housingAl 116x138x44/4-#9, 1/4", RXA-165/202	1	
251	0500.251.A0	Check valve plate#9.5/#78x55, Plastic, RXA-165/202	1	
252	0430.252.B0	Check valve guidePlastic, RXA-165/202	1	
253	0000.U12.00	O-Ring, Inlet part	1	Included in Rebuild Kit
254	0500.254.A0	Check valve springD25xN9xL54+d0.75, RXA-165/175/202/250/302	1	
255	0000.U16.00	O-Ring, Inlet parts100x3.0, RXA-165/202	1	Included in Rebuild Kit
257	0000.U14.00	O-Ring, In-let part #87x3, RXA-165/175/202/250/302	1	Included in Rebuild Kit
260	0430.260.C0	Inlet flange, Upper housingAl 173x148x64/4-#9, M10, G2", RXA-165/202	1	
261	0500.261.B0	Inlet screen (conical)M30.D70/d80wh50, Plastic Rim, RXA-165/175/202/250/302	1	Included in Rebuild Kit
265	0000.B8K.00	Allen boltM8x100, RXA-165/202	4	
266	0000.F2E.00	Spring lock washer	4	
285	0430.285.00	Hollow-core screwM 6x15, RXA-165/202	1	
285S	00HF.101.00	Sealing ring	1	
300	0320.300.C0	Motor Mounting Bracket (IEC)for IEC, 112M/L frame, 5&7.5Hp, RXA-165/202	1	
301	0000.B8G.00	Allen bolt	3	
302	0000.F2E.00	Spring lock washer	3	
310 (new)	0320.310.A0	Coupling set (311 ~313), RXA-165/202	1	
311	0500.TCP.00	Coupling Half, Pump SideKTR, Teeth type, #30mm, RXA-165/175/202/250/302	1	
312	0500.TCS.00	Coupling, SleeveKTR, Nylon, Sleeve, RXA-165/175/202/250/302	1	Included in Rebuild Kit
313	0500.TCM.00	Coupling Half, Motor Side (IEC)KTR, Teeth type, #38mm, RXA-165/202	1	
316	0000.C8C.00	Set screw (pump side)	2	
317	0000.C8C.00	Set screw (pump side)	2	
320	0500.320.00	Spacer for Coupling Half, Pump side#40x#31x7t, RXA-165/175/202/250/302	1	
321	0430.321.A0	Fan, Pump shaft end #230x#19x#60, plastic, RXA-165/202	1	
326	0430.326.00	Washer#30x#6.3x2.St, RXA-165/202	1	
327	0000.A8F.00	Hexagon head screw M6x20, RXA-16/165/202	1	
330	0000.FCE.00	Knob for Exhaust filterPlastic knob, RXA-165/202	1	
331	0000.F2E.00	Spring lock washer	1	
335	0430.335.B0	Separator valve stud BoltM8x310 with spring stoper washer, RXA-165/202	1	
336	0430.336.00	Separator valve SpringD11xN120xL95xd0.8, RXA-165/202	1	
338	0000.U10.00	O-ring, Drum plug#55x3.0, RXA-12/16/21	1	Included in Rebuild Kit
339	0320.339.00	Separator valve support#68xM8x10t, RXA-165	1	
341	0000.B8K.00	Allen boltM8x45, RXA-165/202	1	
342	0430.342.00	Cover holder#50x#9x30, RXA-165/202	1	
343	0430.343.A0	Rubber Buffer, Fan hoodRubber M5x#15x10t, RXA-165/202	4	
345	0430.345.C0	Fan Hoodfor radiator, RXA-165/202	1	
360	0320.360.00	Washer#70x8.5x4t, RXA-165	1	

Pos. No.	Part No.	Description	Qty	Notes
361	0000.F2E.00	Spring lock washer	1	
362	0430.362.00	Connecting bolt for oil return lineM6/M10, RXA-165/202	1	
364	0000.B8H.00	Allen bolt	1	
365	0430.365.F0	Separator Valve platePlastic, RXA-165/202	1	
366	0000.U09.00	O-Ring, Check valve plate#44x3.0, RXA-100/165/25/40/63	1	Included in Rebuild Kit
367	0430.367.00	Adapter, Separator valve plateAl, RXA-165/202	1	
368	0430.368.G0	Separator Valve SupporterAl, RXA-165	1	
369	0000.F1E.00	Hexagon nutM8, RXA-16	3	
370	0000.F2E.00	Spring lock washer	2	
391	0000.F5E.00	Eye boltM8, RXA-165/202/25	1	
400	0	Motor (IEC)-50Hz	1	
400	0	Motor (IEC)-60Hz	1	
400.3	0320.400.03	Motor Fan (IEC), RXA-165/202	1	
400.4	0320.400.04	Motor Fan Cover (IEC), RXA-165/202	1	
401	0000.ABH.00	Hexagon head screwM12x30, RXA-165/202	4	
402	0000.F2G.00	Spring lock washer5/W #12, RXA-165/202	4	
414	0500.425.00	Washer#10x#20x2t, RXA-165/175/202/250/302	1	
415	0000.F1F.00	Hex nutM10, RXA-165/175/202/250/302	1	
417	0000.CAF.00	Slotted set screwM10x20, RXA-165/175/202	5	
421	0000.F8F.00	Rubber foot#50x30/M10, RXA-165/175/202/250/302	3	
424	0430.424.00	Rubber foot support#30x70/M10, RXA-165/202	1	
425	0430.424.00	Rubber foot support#30x70/M10, RXA-165/202	1	
430	1111.001.00	Name plateAL, 85 x 38 x 10.4, RXA-12/16/21	1	
431	1111.003.00	Directional arrow label 15x40, RXA-16	1	
432	1111.006.00	Label, maintenance	1	
433	1111.004.00	Terminal board, RXA-165	1	
449	0320.449.00	Float Assembly		
449	0320.449.A0	Float Assembly		
450	0060.450.00	Float - With Rubber Pad, Pin, Orifice & O-ring, RXA-16	1	
451	0500.451.A0	Nozzle AssemblyM8, with O-ring, Horizontal type, RXA-165/202/250	1	
451.1	0000.U06.00	O-Ring, Check valve plate#24 x T2.0, RXA-16	1	Included in Rebuild Kit
452	0000.E11.00	Bolt	2	
453	0430.453.00	Bolt for Banjo Fitting1/8"x20, RXA-165/202	1	
454	0430.454.00	Banjo fitting #10x#4, RXA-165/202	1	
454S	00HF.105.00	Sealing Rings#10x#14x1t, RXA-12/16/21	2	
455	0320.455.A0	Oil Return tube with Banjo fittings#4x 140, copper tube welded on Banjo, RXA-165/202	1	
474*	0500.474.00	Gas ballastG3/8"x #39 x 65, RXA-165/175/202/250/302	1	
474*-1	0500.474.01	Foam Filter Element, Gas Ballast, RXA-165/202/250/302	1	
477*	0000.SCA.00	Ball Valve	1	
478*	0430.478.00	Adapter, Reducer/Brass, 1/4"/3/8", RXA-165/202	1	
480*	0430.480.00	Gas Ballast KitPos # 477, 478 and 474, RXA-165/202	1	



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PARTS LIST (cont.)

Pos. No.	Part No.	Description	Qty	Notes
540	0430.540.00	Conversion kit, F Type0.5 mbar (Float Valve Sys + GB Kit), RXA-165/202	1	
541	0430.541.00	Float Valve Assembly Kit450°45S, RXA-165/202		
550	0430.550.C0	Inlet Check Valve Kit (250°266), RXA-165/202	1	
560	0430.360.B0	Oil Cooler Kit, RXA-165/202	1	
600		Motor(NEMA)	1	
600.3	0320.600.03	Motor Fan(NEMA), RXA-165	1	
600.4	0320.600.04	Motor Fan Cover(NEMA), RXA-165	1	
601	0430.601.00	Hexagon head screw(NEMA), RXA-165/202	4	
602	0320.603.00	Spring lock washer(NEMA), RXA-165	4	
612 (new)	0320.612.A0	Coupling set (311+312+613) NEMA, RXA-165	1	
311	0500.TCP.00	Coupling Half, Pump SideKTR, Teeth type, ø30mm, RXA-165/175/202/250/302	1	
312	0500.TCS.00	Coupling, SleeveKTR, Nylon, Sleeve, RXA-165/175/202/250/302	1	Included in Rebuild Kit
613	0500.TCM.B0	Coupling, Motor side(NEMAJKTR, Teeth type, ø28.575mm 184TC, RXA-165/202	1	
612	0320.612.00	Coupling set (311 + 312 + 613), NEMACoupling set, Flange type, RXA-165	1	
311	0500.FCP.00	Coupling Half, Pump SideFlange type, F140x ø30, RXA-165/202/250/302	1	
312	0500.FCB.00	Connection Bolt with rubber bootBolt + washer + Rubber + Nut, RXA-165/202/250/302	6	
613	0320.FCM.B0	Coupling, Motor side(NEMAJFlange type.F140x ø 1.125", RXA-165	1	
630	0320.630.00	Motor Mounting Bracket(NEMAJFor NEMA, 184TC, RXA-165	1	
760	0500.760.00	Oil Temperature SwitchBimetal, Brass, 3/8" connection, 125°C, RXA-165/202/250/302	1	
765	1200.765.00	Oil Level SwitchFloat type, SUS, N.O. w/housing, RXA-165/202/402/500/630	1	
765	0060.765.A0	Oil Level Switch	1	
770	0500.770.00	Heater with control1.5kw, PT1* 470x300, RXA-165/175/202/250/302	1	
771	0500.771.00	Water Cooler kitBar plate type cooler, hoses, adapter, fittings and Valve, RXA-165/202/250/302	1	
771	0320.771.00	Water Cooler kit, RXA-165/202		
790	0500.790.A0	Water Separator, Automatic drain valveLS400-2-SA, 982mm x ø 490mm, SUS 304, 2", RXA-165/175/202/250/302	1	
790	0500.790.00	Water Separator, Automatic drainLS400-2, 1510mm x ø 490mm, SUS 304, 2", RXA-165/175/202/250/302	1	
792	1200.792.00	Three Way Valve	1	
800	00IF.004.00	Inlet Air FilterG 2", Canister(IF230), RXA-165/175/202/250/302	1	
900	0320.900.C0	Pump Modulemodule (w/cylinder 32001C), RXA-165	1	



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