

Explosion proof version (Ex)

Pos	Qty	Part nr	Robot nr	Description	Pattern	Material
1	1		R700-181-GG	Motor housing		mh170 Ex
3	1	9T008F repl	R702-350-BE	Stator with thermo switches		5 kW-2 380/660V-50Hz
	(1)		R702-350-DE	Stator with thermo switches		5 kW-2 415/720V-50Hz
4	1	9T508M	R703-443-RM	Rotor		5kW-2 con30 AISI 431
5	1	9L0384	R750-108	Ball bearing		6304 2RSH /C3 GJN
6	1	9L0437	R750-054	Ball bearing		6307-2Z-C3
10	1	76007G	R704-141-GG	Seal housing		DWP/DNP42
12	1	9D2266	R706-314	Mechanical seal	P526G	Ø35 NBR/ceramic/SiC/1.457 EN-GJL-250 Carb/ceramic/NB
13	1	9D2267	R706-318	Mechanical seal		Ø30 NBR / SiC / 1.4571 SiC/SiC/NBR
15	1		R707-161-GG	Bearing housing		Ø 80
16	1		R707-164-GG	Bearing retainer		M 90x2
20	1		R709-329-GG	Connection box		2x G7/8" M42x1.5/M16x1.5
21	1		R709-208-GG	Connection box cover		HW/RW20/30/40
25	(1)		R717-060	Line bushing		6x2.5mm2-M42x1.5 ATEX
	(1)		R717-062	Line bushing		6x6mm2-M42x1.5 ATEX
26	(1)		R709-292	Line bushing		3x1.5 mm2-M16x1.5 ATEX
	(1)		R756-144	Plug		M16x 1.5
<b>Cable list YD 380 - 500V 50Hz</b>						
35	1		R709-074	Cable		7x2.5mm2 Ø18.0-Ø21.0 CR / EPR / Cu
36	1	77001Z	R709-002-RZ	Cable entry	P408Z	G 7/8" AISI 316
37	1	77009Z	R709-005-RZ	Clamp	P412Z	Ø18-21 AISI 316
38	1	77055C	R709-030	Cable sleeve		27.5x19x23 Ø18-21 CR
39	2	77030Z repl	R709-010	Pressing ring		27.5x19.5x4
45	2	9B4422 repl	R754-093	Hexagon socket screw		M 6 x 16
46	2	9B4722 repl	R758-079	Lock washer		(M 6)
48	6	573302 repl	R759-007	Cable connector		(2.5mm2) AMP 0-0328730-0
<b>Auxiliary cable</b>						
35	1		R709-086	Cable		4x2.5mm2 Ø15.6- Ø16.6 CR / EPR / Cu
36	1	77001Z	R709-002-RZ	Cable entry	P408Z	G 7/8" AISI 316
37	1	77008Z	R709-004-RZ	Clamp	P411Z	Ø15-17 AISI 316
38	1	77054C	R709-029	Cable sleeve		27.5x16x23 Ø15-17 CR
39	2	77036Z repl	R709-167	Pressing ring		27.5x18x3
45	2	9B4422 repl	R754-093	Hexagon socket screw		M 6 x 16
48	3	573302 repl	R759-007	Cable connector		(2.5mm2) AMP 0-0328730-0
54	1		R709-213	Cover		
55	1		R709-279	Bearing cup		72
56	1	77250Z	R713-210-RZ	Data plate		Robot Pumps AISI 316
57	1		R713-212-RZ	Data plate		ATEX 2005 Eex
59	1	9D1325	R751-005	O-ring		71.44x 3.53 NBR

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60	1	9D1327	R751-054	O-ring	78.9 x 3.53		NBR
61	1	9D1360	R751-149	O-ring	221.84x 3.53		NBR
62	1	9D1360	R751-149	O-ring	221.84x 3.53		NBR
63	1	9D1352	R751-055	O-ring	171.04x 3.53		NBR
64	1	9D1338	R751-092	O-ring	114x 4.00		NBR
66	1	9B1827	R752-003	Circlip	A 30x1.5		spring steel
67	1	9B1835	R752-004	Circlip	A 35x1.5		spring steel
69	1	564110	R717-056	Grounding clamp	M6 10mm2		AISI 304
70	1		R717-055	Grounding clamp	M5 4mm2		
71	1		R753-079	Hexagon tap bolt	M 8x 16		
73	3	9B4440 repl	R754-092	Hexagon socket screw	M10x 20		
74	4	9B4494 repl	R754-120	Hexagon socket screw	M10x 45		
75	2	9B4441 repl	R754-027	Hexagon socket screw	M10x 25		
76	4	9B4431	R754-155	Hexagon socket screw	M 8x 25		AISI 316
77	3	9B4431	R754-155	Hexagon socket screw	M 8x 25		AISI 316
83	1	9B2305	R756-101	Key	6 x 6x20		AISI 316
84	1	9B5610	R756-028	Dubo ring	M 8 Type 11 14x8.3x3		PA 6.6
85	3	9B5611	R756-027	Dubo ring	M10 Type 11 17.2x10.5x4		PA 6.6
87	8	9B4202	R757-076	Data plate rivet	2.9x6.5		AISI 316
90	4	9B4724 repl	R758-076	Lock washer	(M10)		
91	2	9B4724 repl	R758-076	Lock washer	(M10)		
92	4	9B4723	R758-077	Lock washer	(M 8)		
93	3	9B4723	R758-077	Lock washer	(M 8)		
96	1	9S0033	R906-069	Oil	Shell Tellus 32 2 ltr		
101	1	76031H	R701-221-NH	Volute	RD4021	P471H	Nihard 4
105	1	76046H	R711-169-NH	Wearing plate	RD/BD20/40 DNP/BNP22/42	P458H	Nihard 4
117	1	9D1369	R751-060	O-ring	266.29x 3.53		NBR
118	1	9D1368	R751-176	O-ring	249.3x 5.7		NBR
124	4	9B4496	R754-199	Hexagon socket screw	M12x 60		AISI 316
128	4	9B3806	R755-091	Nut	M12		AISI 316
133	4	9B3906	R758-102	Washer	(M12)		AISI 316
140	1	76055H	R708-406-NH	Impeller	155 RD4021 con30	P453H	Nihard 4
145	1	9B4431	R754-155	Hexagon socket screw	M 8x 25		AISI 316
74	2	9B4430 repl	R754-077	Hexagon socket screw	M 8x 20		
200	1		R710-512-ST	Suspension bracket	H-40 mh170/200-E RD4021-E/P		
203	1	9H0421	R912-054	Shackle	10mm		AISI 316
210	1	76142G	R712-051-GG	Hose connection	3"	P517G	EN-GJL-250
	(1)	706319	R712-052-GG	Hose connection	3"-4"	P4029	EN-GJL-250
211	4	9B3110 repl	R753-166	Hexagon-head bolt	M10x 50		
213	4	9B3805 repl	R755-029	Nut	M10		
218	1	76097C	R761-001	Gasket	Ø108xØ75x2		CR
<b>Supplement installation -V/ OWK</b>							
200	1	76238T	R710-365-ST	Suspension bracket	T mh170/200-E		Fe galv.
201	2	9B4430 repl	R754-077	Hexagon socket screw	M 8x 20		

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203	1	9H0421	R912-054	Shackle	10mm		AISI 316
211	4	9B3110 repl	R753-166	Hexagon-head bolt	M10x 50		
213	4	9B3805 repl	R755-029	Nut	M10		
214	4	9B3905 repl	R758-081	Washer	(M10)		
218	1	76097C	R761-001	Gasket	Ø108xØ75x2		CR
<b>Supplement installation -F and -T</b>							
124	4	9B4448 repl	R754-201	Hexagon socket screw	M10x 80		
200	1	76238T	R710-365-ST	Suspension bracket	T mh170/200-E		Fe galv.
201	4	9B4430 repl	R754-077	Hexagon socket screw	M 8x 20		
203	1	9H0421	R912-054	Shackle	10mm		AISI 316
210	1	76084H	R712-206-NH	Hose connection	3"-90gr.	P455H	Nihard4
	(1)	76371S	R712-195-ST	Thread connection	NPT 3"-90gr.Bu		S235JR
211	4	9B3110 repl	R753-166	Hexagon-head bolt	M10x 50		
213	4	9B3805 repl	R755-029	Nut	M10		
214	4	9B3905 repl	R758-081	Washer	(M10)		
218	1	76097C	R761-001	Gasket	Ø108xØ75x2		CR
230	1	76172T	R715-099-ST	Support ring	D40-80		Fe galv.
232	4	9B3805 repl	R755-029	Nut	M10		
<b>Option: rotorshaft with AISI 316 shaftend</b>							
4	1	9T508Z	R703-443-RZ	Rotor	5kW-2 con30		AISI 431/316
<b>Optional viton seals</b>							
13	1	9D2269	R706-317	Mechanical seal	Ø30 Viton		SiC/SiC/FPM
61	1	9D1317	R751-149-VI	O-ring	221.84 x 3.53		Viton
62	1	9D1317	R751-149-VI	O-ring	221.84 x 3.53		Viton
63	1	9D1397	R751-204-VI	O-ring	171.04x 3.53		Viton
64	1	9D1374	R751-165-VI	O-ring	114x 4.00		
84	1	77078F	R756-127-VI	Seal ring	Ø14xØ8.1x2 (M 8)		FPM
85	3	77079L	R756-128	Seal ring	Ø17xØ10.2x2 (M10)		PTFE
118	1	9D1314	R751-176-VI	O-ring	249.3x 5.7		Viton
218	1	77164F	R761-060-VI	Gasket	140xØ10x2 DWP/DNP22-30/31/40		FPM
<b>Option: cable entry and protection sleeve (AISI 316)</b>							
36	1/2	77003Z	R709-316-RZ	Cable entry	G 7/8"-G1"	P410Z	AISI 316
37	(1/2)	77012Z	R709-317-RZ	Clamp	Ø15-17	P415Z	AISI 316
	(1/2)	77013Z	R709-318-RZ	Clamp	Ø18-21	P416Z	AISI 316
40	1/2	77070Z	R709-270	Cable hose	Ø25 l=3 m		AISI 316
	(1/2)	77071Z	R709-314	Cable hose	Ø25 l=5 m		AISI 316
	(1/2)	77072Z	R709-348	Cable hose	Ø25 l=10 m		AISI 316
42	1/2	77076L	R760-145	Seal ring	Ø23xØ19x2		PTFE
43	1/2	77077L	R709-301	Seal ring	Ø30xØ22x2		PTFE
45	2/4	9B4422	R754-085	Hexagon socket screw	M 6 x 16		AISI 316
46	2/4	9B4722	R758-088	Lock washer	(M 6)		AISI 316
<b>Option: waterdetector for Flameproof pumps</b>							
10	1	76012G	R704-141-GG-X	Seal housing	DWP42-Ex waterdet. ext.	P526G	EN-GJL-250
300	1	9W2771	R709-335	Cable	2x0.75mm2-Ø9		PPOV-af

Pos	Qty	Part nr	Robot nr	Description	Pattern	Material
301	1	77073Q	R709-336	Cable entry	Hummel HSK-M PG13.5	CuZn 40
302	1	77074Q	R717-100	Terminal	2 pole, 2.5mm2, blue 07-9702-0220/2	
<b>Option Sparepart kit</b>						
600	1	77803E	R510-2001	Spare part kit	RC/RD/RT/RW40-Ex	



RD4021BJ-E

 **ROBOT PUMPS**  
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