

Version with watertight terminal box

Pos	Qty	Part nr	Robot nr	Description		Pattern	Material
1	1	76120G	R700-188-GG	Motor housing	mh240	P472G	EN-GJL-250
3	1	9T024F repl	R702-314-YU	Stator with thermo switches	22 kW-4 400/690V-WR-50Hz		
4	1	9T524M	R703-347-RM	Rotor	22 kW-4 con50		AISI 431
5	1	9L0438	R750-107	Ball bearing	6308 RS1/ C3 GJN		
6	1	9L0440	R750-116	Ball bearing	6311-2Z		
10	1	76130G	R704-153-GG	Seal housing	DWP62, RW61	P477G	EN-GJL-250
11	1	76152B	R704-156-NI	Membrane	RW/RT60		NBR
12	1	9D2271	R706-301	Mechanical seal	Ø50 NBR/ceramic/SiC/1.457		SiC/ceramic/NBR
13	1	9D2270	R706-300	Mechanical seal	Ø50 NBR / SiC/SiC / 1.4571		SiC/SiC/NBR
15	1	76128G	R707-186-GG	Bearing housing	Ø120 RW/RD60	P489G	EN-GJL-250
16	1	77157G	R707-179-GG	Bearing housing cover		P509G	EN-GJL-250
17	1	77156G	R707-177-GG	Bearing housing cover		P508G	EN-GJL-250
20	1		R709-308-GG	Connection box	2x M42+R7/8"		
21	1		R709-309-GG	Connection box cover	pasr.150		
25	(1)		R717-062	Line bushing	6x6mm2-M42x1.5 ATEX		
	(1)		R709-319	Line bushing	6x10mm2-M42x1.5 ATEX + FM Keur		
	(1)		R709-320	Line bushing	6x16mm2-M42x1.5 ATEX + FM Keur		
26	1		R709-292	Line bushing	3x1.5 mm2-M16x1.5 ATEX		
28	1		R717-085	Terminal	3 pole, 6-16mm2, grey Typ 07-9721-0360		
29	1		R717-086	Terminal	3 pole, 2.5mm2, blue 07-9721-0240		
<b>Cable list YD 380 - 500V 50Hz</b>							
35	2		R709-088	Cable	4x6mm2 Ø19.2- Ø20.5		
36	2	77002Z	R709-274-RZ	Cable entry	M42x1.5	P409Z	AISI 316
37	2	77016Z	R709-276-RZ	Clamp	Ø20-25	P418Z	AISI 316
38	2	77061C	R709-282	Cable sleeve	39x21x25 Ø21-23		CR
39	4	706320	R709-285	Pressing ring	38.5x24x3.5		AISI 316
45	4	9B4430 repl	R754-077	Hexagon socket screw	M 8x 20		
48	6	573303	R759-075	Cable connector	(4-6mm2) AMP 0-0034318-0		
<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	G 7/8"	P408Z	AISI 316
37	1	77008Z	R709-004-RZ	Clamp	Ø15-17	P411Z	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		
56	1	77250Z	R713-210-RZ	Data plate	Robot Pumps		AISI 316
59	1	9D1329	R751-120	O-ring	90 x 3.00		NBR
60	1	9D1339	R751-018	O-ring	120.24x 3.53		NBR

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61	1	9D1381	R751-151	O-ring	297.8x 6.99		NBR
62	1	9D1371	R751-169	O-ring	280x 5.00		NBR
63	1	9D1341	R751-200	O-ring	125x 4.00		NBR
64	1	9D1348	R751-091	O-ring	146x 4.00		NBR
66	1	9B1841	R752-005	Circlip	A 40x1.75		spring steel
67	1	9B1855	R752-011	Circlip	A 55x2		spring steel
69	1	9B1850	R752-006	Circlip	A 50x2		spring steel
70	1		R753-025	Stud bolt	M 8 x 12		AISI 316
71.1	1	9B0523	R754-028	Hexagon socket screw	M 8x 16		AISI 316
71.2	1	9B0523	R754-028	Hexagon socket screw	M 8x 16		AISI 316
72	1	9B4431	R754-155	Hexagon socket screw	M 8x 25		AISI 316
73	2	9B4440	R754-092	Hexagon socket screw	M10x 20		
	1	9B5308	R709-060	Plug	M 20x1.5		CuZn 40
74	8	9B4431	R754-155	Hexagon socket screw	M 8x 25		AISI 316
75	4	9B4452	R754-099	Hexagon socket screw	M12x 30		
				repl			
76	4		R754-200	Hexagon socket screw	M10x120		
77	4	9B4440	R754-092	Hexagon socket screw	M10x 20		
				repl			
78	6	9B4441	R754-027	Hexagon socket screw	M10x 25		
				repl			
79	4	9B4441	R754-027	Hexagon socket screw	M10x 25		
				repl			
80	4	9B3651	R756-045	Grub screw	M12x 16 bzk		AISI 316
81	2	9B3804	R755-028	Nut	M 8		
				repl			
83	1	9B2316	R756-125	Key	10x 8x30		AISI 316
84.1	1	9B5610	R756-028	Dubo ring	M 8 Type 11 14x8.3x3		PA 6.6
84.2	1	9B5610	R756-028	Dubo ring	M 8 Type 11 14x8.3x3		PA 6.6
85	2	9B5611	R756-027	Dubo ring	M10 Type 11 17.2x10.5x4		PA 6.6
	1	9D2511	R713-181	Seal ring	A 20x24x1.5		Cu
87	8	9B4202	R757-076	Data plate rivet	2.9x6.5		AISI 316
88	1		R709-338	Earth wire	1x10mm2 H07V-K EPR / Cu		
89	1	9B4723	R758-077	Lock washer	(M 8)		
90	4	9B4725	R758-074	Lock washer	(M12)		
91	4	9B4724	R758-076	Lock washer	(M10)		
				repl			
92	6	9B4724	R758-076	Lock washer	(M10)		
				repl			
93	4	9B4724	R758-076	Lock washer	(M10)		
				repl			
94.1	2		R759-003	Cable lug	M 8 (2.5mm2)		
94.2	(1/2)	572007	R759-070	Cable lug	M 8 (16mm2) 3R/8 MS		
95	1	9B6417	R906-068	Hose clamp	Ø110-130 mm b=12mm		AISI 304
96	1	9S0033	R906-069	Oil	Shell Tellus 32 2 ltr		
101	1	706307	R701-202-NH	Volute	RD60/6140 (SL) 90gr.	P4023	Nihard 4
104	1	76124G	R701-199-GG	Volute flange	RD/BD60/6140	P485G	EN-GJL-250
105	1	76048H	R711-170-NH	Wearing plate	RD/BD6040	P460H	Nihard 4
110	1	76176S	R713-171-ST	Locking plate	RD6140		S235JR
117	1	9D1383	R751-155	O-ring	339.3x 5.7		NBR
118	1	9D1384	R751-122	O-ring	345x 5.00		NBR
120	1	76099C	R760-151	Gasket	Ø210xØ172x2		CR

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122	4	76127Z	R753-216	Screw spindle	M16x195xM12 special		AISI 316
124	7	9B4459	R754-192	Hexagon socket screw	M16x 45		AISI 316
130	4	9B3826	R755-088	Nyloc nut	M12		AISI 316
140	1	76072H	R708-357-NH	Impeller	242 RD6040/6140 con50	P463H	Nihard 4
	(1)	76073H	R708-416-NH	Impeller	242 RD/BD6040/6140 con50	P463H	Nihard 4
	(1)	76074H	R708-446-NH	Impeller	220 RD6140 con50	P463H	NiHard 4
141	1	76057H	R708-350-NH	Agitator	* Nutlock con30	P466H	Nihard 4
145	1	9B4457	R754-156	Hexagon socket screw	M12x 70		AISI 316
	(1)	9B4456	R754-113	Hexagon socket screw	M12x 50		AISI 316
149	1	9B4725	R758-074	Lock washer	(M12)		
<b>Supplement installation - T</b>							
200	1	77158N	R710-317-NG	Suspension bracket	V mh240	P511N	EN-GJS-400-15
201	4	9B4454	R754-164	Hexagon socket screw	M12x 40		AISI 316
203	1	9H0425	R912-062	Shackle	16mm		AISI 316
210	1	76091H	R712-180-NH	Hose connection	6"	P491H	Nihard 4
	(1)		R712-231-ST	Thread connection	NPT 6"		
211	2	9B3130	R753-230	Hexagon-head bolt	M16x 65		AISI 316
213	2	9B3807	R755-093	Nut	M16		AISI 316
214	4	9B3907	R758-103	Washer	(M16)		AISI 316
218	1	76200C	R760-142	Gasket	Ø230xØ160xØ132x1		CR
230	1	76093T	R715-085-ST	Support ring	Ø180 Klaassen		Fe galv.
232	8	9B4491	R754-095	Hexagon socket screw	M20x 40		AISI 316
<b>Option: rotorshaft with AISI 316 shaftend</b>							
4	1	9T524Z	R703-347-RZ	Rotor	22 kW-4 con50		AISI 431/316
<b>Option: cable entry and protection sleeve (AISI 316)</b>							
36	2		R709-302	Cable entry	M42x1.5/G1"		
40	2	77070Z	R709-270	Cable hose	Ø25 l=3 m		AISI 316
	(2)	77071Z	R709-314	Cable hose	Ø25 l=5 m		AISI 316
	(2)	77072Z	R709-348	Cable hose	Ø25 l=10 m		AISI 316
41	2		R751-202	O-ring	34x 3.00		
42	2	77077L	R709-301	Seal ring	Ø30xØ22x2		PTFE
<b>Option: cable entry and protection sleeve (AISI 316)</b>							
36	1	77003Z	R709-316-RZ	Cable entry	G 7/8"-G1"	P410Z	AISI 316
37	1	77013Z	R709-318-RZ	Clamp	Ø18-21	P416Z	AISI 316
40	1	77070Z	R709-270	Cable hose	Ø25 l=3 m		AISI 316
	(1)	77071Z	R709-314	Cable hose	Ø25 l=5 m		AISI 316
	(1)	77072Z	R709-348	Cable hose	Ø25 l=10 m		AISI 316
42	1	77076L	R760-145	Seal ring	Ø23xØ19x2		PTFE
43	1	77077L	R709-301	Seal ring	Ø30xØ22x2		PTFE
45	2	9B4422	R754-085	Hexagon socket screw	M 6 x 16		AISI 316
<b>Option: waterdetector</b>							
15	1	77150G repl	R707-186-GG-	Bearing housing	Ø120 waterdet.	P489G	
32	1		R756-144	Plug	M16x 1.5		
	1		R717-087	Plug	M15x 1.5		
300	1		R717-031	Line bushing	M15x 1 1/2		
	1	9B5155	R717-122	Water probe	M16x1.5, ATEX approved elektrode l = 36mm		
301	1		R717-068	Detector			
303	1		R759-083	Wire clamp	(2.5mm <sup>2</sup> ) 0-0735160-0		

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306	1		R759-105	Contact lip	(2.5mm2) 0-0140971-2	
<b>Optional viton seals</b>						
13	1	9D2276	R706-324-VI	Mechanical seal	Ø50	SiC/SiC/FPM
84	1	77078L repl	R756-127	Seal ring	Ø14xØ8.1x2 (M 8)	
85	2	77079L	R756-128	Seal ring	Ø17xØ10.2x2 (M10)	PTFE
63	1	9D1396	R751-223-VI	O-ring	125x 4.00	Viton
61	1	9D1398	R751-224-VI	O-ring	297.8x 6.99	Viton
62	1	9D1399	R751-225-VI	O-ring	280x 5.00	Viton
118	1	9D1386	R751-215-VI	O-ring	345 x 5.00	Viton
117	1		R751-226	O-ring	339.3x5.7	
64	1	9D1379	R751-164-VI	O-ring	146x 4.00	