

## Basic version

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	76137G	R709-321-GG	Connection box	3x G7/8"	P510G	EN-GJL-250
<b>Cable list YD 380 - 500V 50Hz</b>							
35	2		R709-148	Cable	4x4mm <sup>2</sup> Ø15.1- Ø17.0		
36	2	77001Z	R709-002-RZ	Cable entry	G 7/8"	P408Z	AISI 316
37	2	77008Z	R709-004-RZ	Clamp	Ø15-17	P411Z	AISI 316
38	2	77054C	R709-029	Cable sleeve	27.5x16x23 Ø15-17		CR
39	4	77036Z repl	R709-167	Pressing ring	27.5x18x3		
45	4	9B4422 repl	R754-093	Hexagon socket screw	M 6 x 16		
48	6	573303	R759-075	Cable connector	(4-6mm <sup>2</sup> ) AMP 0-0034318-0		
<b>Auxiliary cable</b>							
35	1	9W2751	R709-147	Cable	4G2.5mm <sup>2</sup> H07RN8-F Ø12.6		Lineax Plus
36	1	77000Z	R709-016-RZ	Cable entry	G 7/8" Ø 20	P407Z	AISI 316
38	1	77052C	R709-027	Cable sleeve	27.5x12x23 Ø11-13		CR
39	2	77031Z	R709-125	Pressing ring	27.5x15x3		AISI 316
48	3	573302	R759-021	Cable connector	(2.5mm <sup>2</sup> ) 128162 (451146)		
49	3	390704	R759-200	Heatshrink	6.4 -3.2 mm, l = 100 mm L = 100 mm		
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
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
66	1	9B1841	R752-005	Circlip	A 40x1.75		spring steel
67	1	9B1855	R752-011	Circlip	A 55x2		spring steel
68	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
73	2	9B4440 repl	R754-092	Hexagon socket screw	M10x 20		
	1	9B5308	R709-060	Plug	M 20x1.5		CuZn 40

Pos	Qty	Part nr	Robot nr	Description		Pattern	Material
74	8	9B4431	R754-155	Hexagon socket screw	M 8x 25		AISI 316
75	4	9B4452 repl	R754-099	Hexagon socket screw	M12x 30		
76	4	9B4448 repl	R754-201	Hexagon socket screw	M10x 80		
77	4	9B4440 repl	R754-092	Hexagon socket screw	M10x 20		
78	6	9B4441 repl	R754-027	Hexagon socket screw	M10x 25		
79	(4)	9B3651	R756-045	Grub screw	M12x 16 bzk		AISI 316
81	1	9B3804 repl	R755-028	Nut	M 8		
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
89	1	9B4723	R758-077	Lock washer	(M 8)		
90	4	9B4725	R758-074	Lock washer	(M12)		
94	1	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	76047H	R701-198-NH	Volute	RD/BD60/6140	P459H	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
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 -V/ OWK</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
211	4	9B3057	R753-152	Hexagon-head bolt	M12x 50		AISI 316
213	4	9B3806	R755-091	Nut	M12		AISI 316
214	4	9B3906	R758-102	Washer	(M12)		AISI 316
218	1	76160C	R761-003	Gasket	210xØ152x2		CR
	(1)	76227C	R761-058-C	Gasket	208xØ150x2 Ontl OWK150		
<b>Supplement installation -T</b>							
200	1	77158N	R710-317-NG	Suspension bracket	V mh240	P511N	EN-GJS-400-15

Pos	Qty	Part nr	Robot nr	Description		Pattern	Material
201	4	9B4454	R754-164	Hexagon socket screw	M12x 40		AISI 316
203	1	9H0425	R912-062	Shackle	16mm		AISI 316
210	1	76049H	R712-173-NH	Discharge bend	NW150-90gr.	P461H	Nihard 4
211	4	9B3122	R753-207	Hexagon tap bolt	M12x 70		AISI 316
213	4	9B3806	R755-091	Nut	M12		AISI 316
214	8	9B3906	R758-102	Washer	(M12)		AISI 316
218	1	76160C	R761-003	Gasket	210xØ152x2		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	(2.5mm2) 0-0735160-0		
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		
<b>Option Sparepart kit</b>							
600	1	77804E	R520-1001	Spare part kit	RW/RD60		