



E2C2016



TECHNICAL INFORMATION

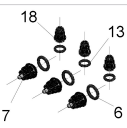
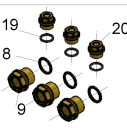
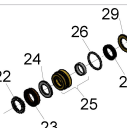
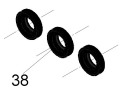
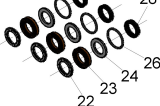
Flow (L/min)	16
Flow (US Gpm)	4,22
Rotation regime (rpm)	1750
Pressure (MPa)	20
Pressure (bar)	200
Pressure (psi)	2900
Power (hp)	8,3
Power (kW)	6,1
Overall dimensions L x l x h (mm)	241,5x215x129,5
Weight (kg)	7



Documents

Male shaft (key)
Hollow shaft (key) Ø15,9 - vers. I
Hy-Pack version - GAS + gear motor 14cc
Pump head with VH integrated valve

Illustration Male shaft (key)

KIT 269 	KIT 270 	KIT 277 
KIT 271 	KIT 274 	

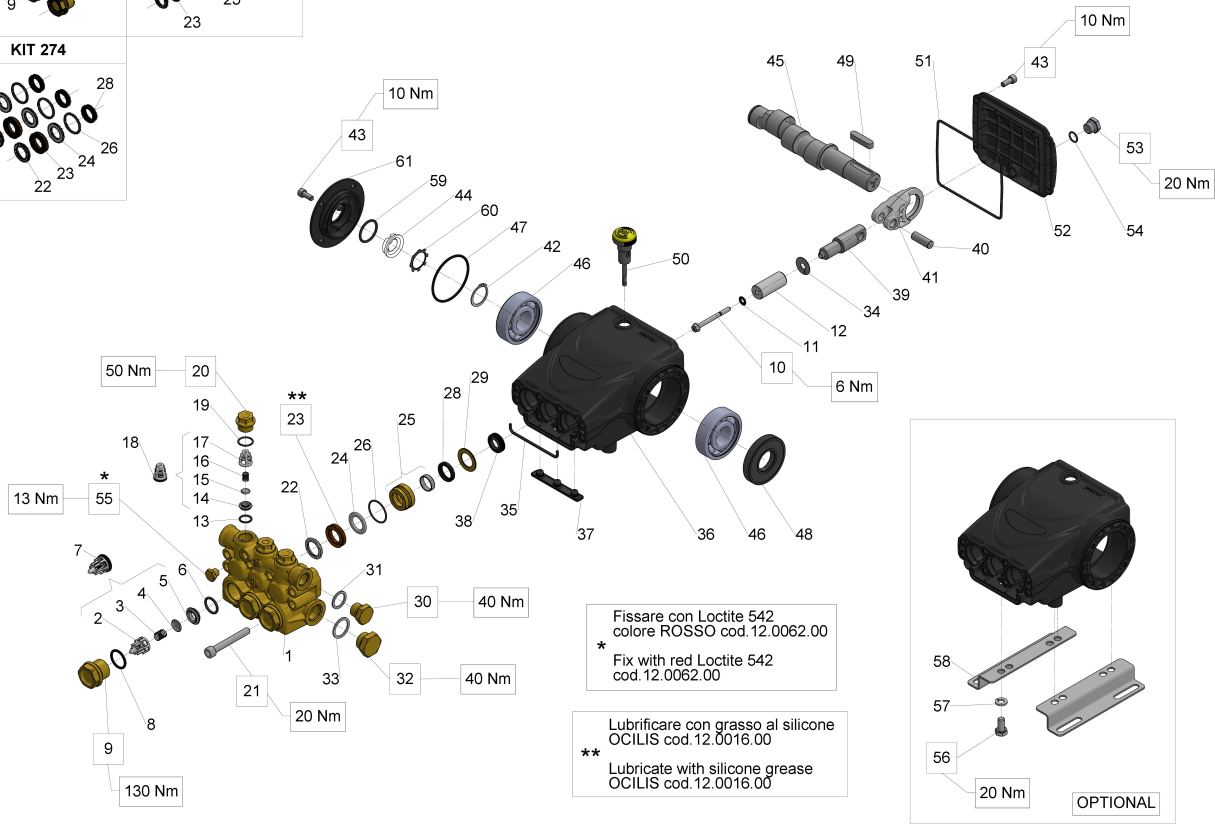


Illustration Male shaft (key)

Pos.	Code	Description	Qty	Notes
KIT277	34027701	KIT 277 CPL.SEAL D.18 58 SERIE 1		
KIT274	34027401	KIT 274 PACKING D.18 58 SERIES	1	
KIT271	34027101	KIT 271 OIL SEAL D.15 58/59 SERIES	1	
KIT270	34027001	KIT 270 VALVE PLUGS 58 SERIES	1	
KIT269	34026901	KIT 269 INTAKE/DELIVERY VALVES	1	
61	58150122	COPERCHIO LATERALE	1	
60	90067100	CIRCLIP ZJ30	1	
59	90385900	O-RING 25,07X2,62 (3100)	1	
58	50200074	PUMP FOOT	2	
57	96701600	WASHER 8,4	4	
56	99303700	SCREW M 8x16-5739	4	
55	98196600	PLUG G1/8X8	1	
54	90358500	O-RING 10,82X1,78 (2043)	1	
53	98204250	PLUG G1/4"x12	1	
52	58160022	REAR CRANKCASE COVER	1	
51	90392550	O-RING D.113.97X2.62	1	
50	98210500	OIL DIPSTICK G3/8x51 D.7	1	
49	91489200	KEY 8(h9)X7X35 UNI 6604/A	1	
48	90164100	OIL SEAL D.25X62X10	1	
47	90389800	O-RING 56,82X2,62 (3225)	1	
46	91833100	BALL BEARING 6305 SKF	2	
45	63021635	CRANKSHAFT C.12	1	
44	53210851	OIL LEVEL GAUGE	1	
43	99183700	SCREW M 6x14 UNI 5931	8	
42	90063500	CIRCLIP D. 25 UNI 7435	1	
41	58030022	CONNECTING ROD	3	
40	97734000	CONNECTING-ROD PIN D.10X29,5	3	
39	58050066	PISTON GUIDE	3	
38	90156550	OIL SEAL D.15X24X5/7	3	
37	58210451	PROTECTION	1	
36	58010022	PUMP CRANKCASE	1	
35	58210582	SPONGE GASKET D.3X94	1	
34	96699000	WASHER D.7.5X23X0.5	3	
33	96751400	WASHER 21,5X27X1,5	1	
32	98217600	PLUG G1/2X10	1	
31	96738000	WASHER 17,5X23X1,5	1	

Illustration Male shaft (key)

Pos.	Code	Description	Qty	Notes
30	98210000	PLUG G3/8X13	1	
29	58210870	RING FOR SEAL D.18	3	
28	90265000	SEAL D. 18X24X5 L.P.	3	
26	90360600	O-RING 26,70X1,78 (2106)	3	
25	58605801	PACKING RETAINER+SLEEVE D.18	3	
24	90511150	ANTI-EXTR. RING D.18X28X2	3	
23	90265350	PACKING D.18X28X6/3.7 HP	3	
22	63101151	HEAD RING D.18 H.P.	3	
21	99317500	SCREW M 8x60 UNI 5931	8	
20	98213700	VALVE CAP M18X1,5X10	3	
19	90359300	O-RING 15,60X1,78 (2062)	3	
18	36719301	OUTLET VALVE	3	
17	36211151	VALVE CAGE	3	
16	94733300	SPRING D.6.2x10.5 S.S.	3	
15	36211276	SPHERICAL VALVE	3	
14	36211366	VALVE SEAT	3	
13	90367400	O-RING D. 12X2 (120-20)	3	
12	58040209	PISTON D.18X42	3	
11	96690500	WASHER D.5X11.5x0.4 INOX+FKM58/59/63HT	3	
10	99169000	SCREW M05X55 SPEC. A2-70	3	
9	98222600	VALVE CAP M24X1,5X17	3	
8	90384700	O-RING 20,29X2,62(3081)	3	
7	36711501	INTAKE/DELIVERY VALVE	3	
6	90384100	O-RING 17,12X2,62 (3068)	3	
5	36200366	VALVE SEAT	3	
4	36200176	VALVE PLATE	3	
3	94737600	SPRING D. 9,4X14,8	3	
2	36202551	VALVE CAGE	3	
1	58120241	MANIFOLD FOR PISTON D.18	1	

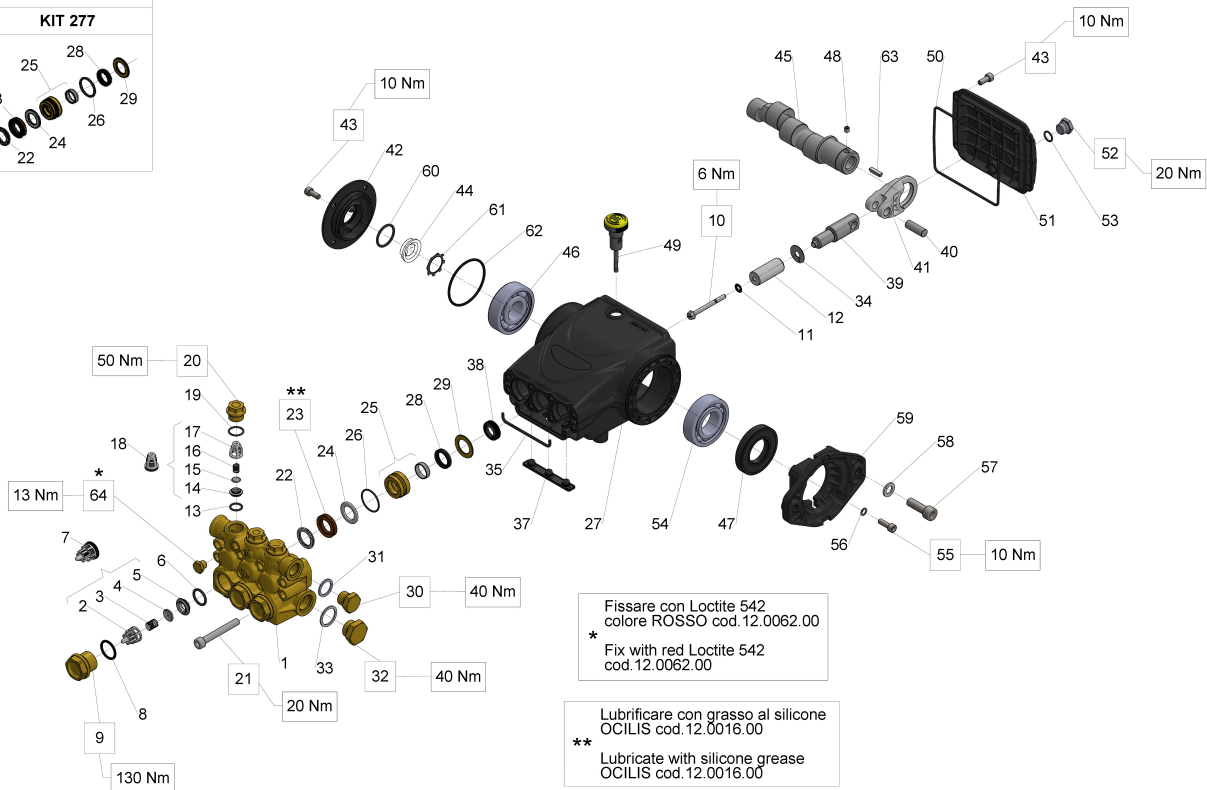
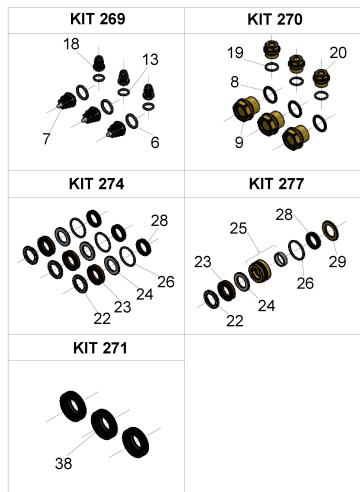


Illustration Hollow shaft (key) Ø15,9 - vers. I

Pos.	Code	Description	Qty	Notes
KIT277	34027701	KIT 277 CPL.SEAL D.18 58 SERIE 1		
KIT274	34027401	KIT 274 PACKING D.18 58 SERIES	1	
KIT271	34027101	KIT 271 OIL SEAL D.15 58/59 SERIES	1	
KIT270	34027001	KIT 270 VALVE PLUGS 58 SERIES	1	
KIT269	34026901	KIT 269 INTAKE/DELIVERY VALVES	1	
64	98196600	PLUG G1/8X8	1	
63	91468500	KEY 4/4.8X18	1	
62	90389800	O-RING 56,82X2,62 (3225)	1	
61	90067100	CIRCLIP ZJ30	1	
60	90385900	O-RING 25,07X2,62 (3100)	1	
59	10076322	FLANGE SAE A-2 HOLES 51-60-631 SERIES		
58	96710300	WASHER D. 10,2X16X1.5	4	
57	99368600	SCREW M10X30	4	
56	96693800	WASHER 6,4X10X0,7	4	
55	99186700	SCREW M 6x18 UNI 5931	4	
54	91837100	BALL BEARING SPEC.	1	
53	90358500	O-RING 10,82X1,78 (2043)	1	
52	98204250	PLUG G1/4"x12	1	
51	58160022	REAR CRANKCASE COVER	1	
50	90392550	O-RING D.113.97X2.62	1	
49	98210500	OIL DIPSTICK G3/8x51 D.7	1	
48	99179000	SCREW M6X6 UNI 5929 12.9	1	
47	90165100	ANELLO RAD. 30.0x62.0x10.0	1	
46	91833100	BALL BEARING 6305 SKF	1	
45	63023765	CRANKSHAFT C.12.5 D5/8"HOLLOW	1	
44	53210851	OIL LEVEL GAUGE	1	
43	99183700	SCREW M 6x14 UNI 5931	8	
42	58150122	COPERCHIO LATERALE	1	
41	58030022	CONNECTING ROD	3	
40	97734000	CONNECTING-ROD PIN D.10X29,5	3	
39	58050066	PISTON GUIDE	3	
38	90156550	OIL SEAL D.15X24X5/7	3	
37	58210451	PROTECTION	1	
35	58210582	SPONGE GASKET D.3X94	1	
34	96699000	WASHER D.7.5X23X0.5	3	

Illustration Hollow shaft (key) Ø15,9 - vers. I

Pos.	Code	Description	Qty	Notes
33	96751400	WASHER 21,5X27X1,5	1	
32	98217600	PLUG G1/2X10	1	
31	96738000	WASHER 17,5X23X1,5	1	
30	98210000	PLUG G3/8X13	1	
29	58210870	RING FOR SEAL D.18	3	
28	90265000	SEAL D. 18X24X5 L.P.	3	
27	58010022	PUMP CRANKCASE	1	
26	90360600	O-RING 26,70X1,78 (2106)	3	
25	58605801	PACKING RETAINER+SLEEVE D.18	3	
24	90511150	ANTI-EXTR. RING D.18X28X2	3	
23	90265350	PACKING D.18X28X6/3.7 HP	3	
22	63101151	HEAD RING D.18 H.P.	3	
21	99317500	SCREW M 8x60 UNI 5931	8	
20	98213700	VALVE CAP M18X1,5X10	3	
19	90359300	O-RING 15,60X1,78 (2062)	3	
18	36719301	OUTLET VALVE	3	
17	36211151	VALVE CAGE	3	
16	94733300	SPRING D.6.2x10.5 S.S.	3	
15	36211276	SPHERICAL VALVE	3	
14	36211366	VALVE SEAT	3	
13	90367400	O-RING D. 12X2 (120-20)	3	
12	58040209	PISTON D.18X42	3	
11	96690500	WASHER D.5X11.5x0.4 INOX+FKM58/59/63HT	3	
10	99169000	SCREW M05X55 SPEC. A2-70	3	
9	98222600	VALVE CAP M24X1,5X17	3	
8	90384700	O-RING 20,29X2,62(3081)	3	
7	36711501	INTAKE/DELIVERY VALVE	3	
6	90384100	O-RING 17,12X2,62 (3068)	3	
5	36200366	VALVE SEAT	3	
4	36200176	VALVE PLATE	3	
3	94737600	SPRING D. 9,4X14,8	3	
2	36202551	VALVE CAGE	3	
1	58120241	MANIFOLD FOR PISTON D.18	1	

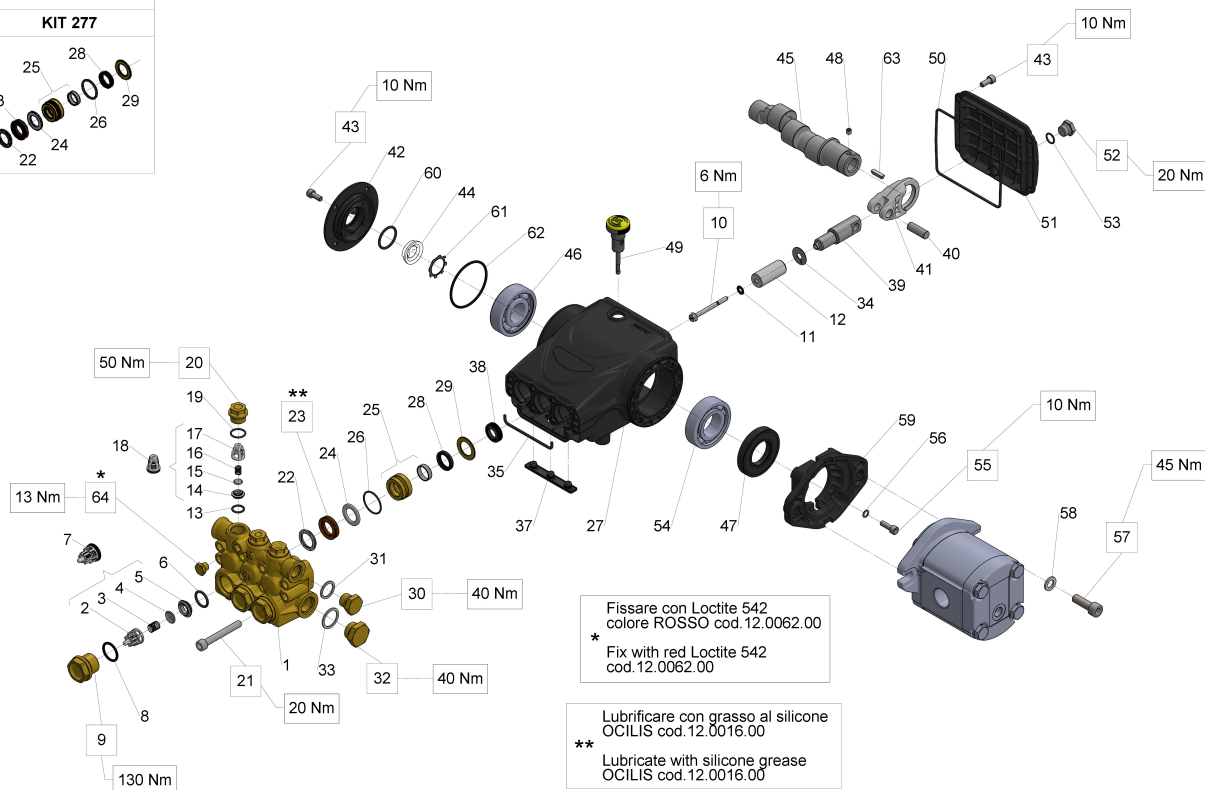
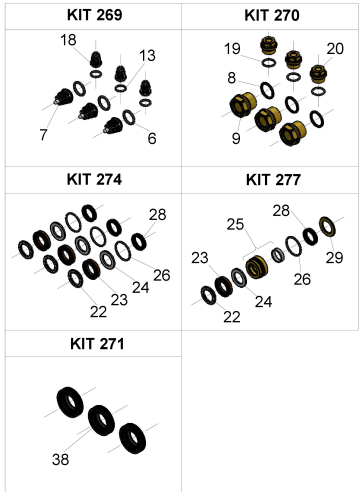
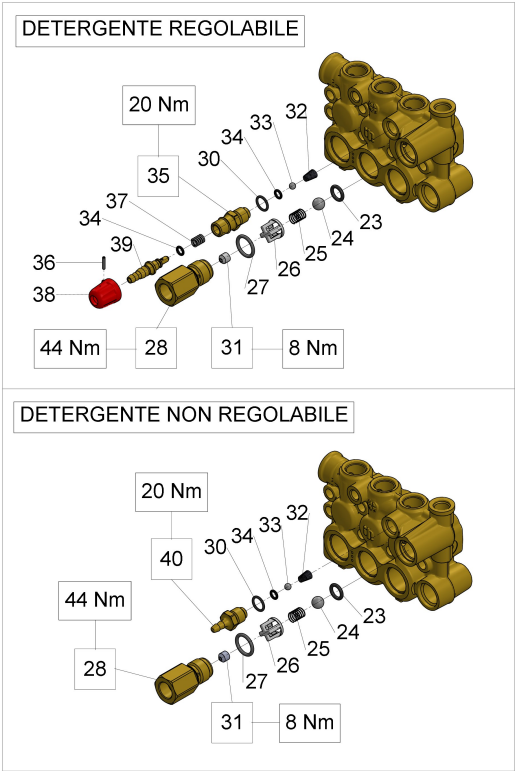
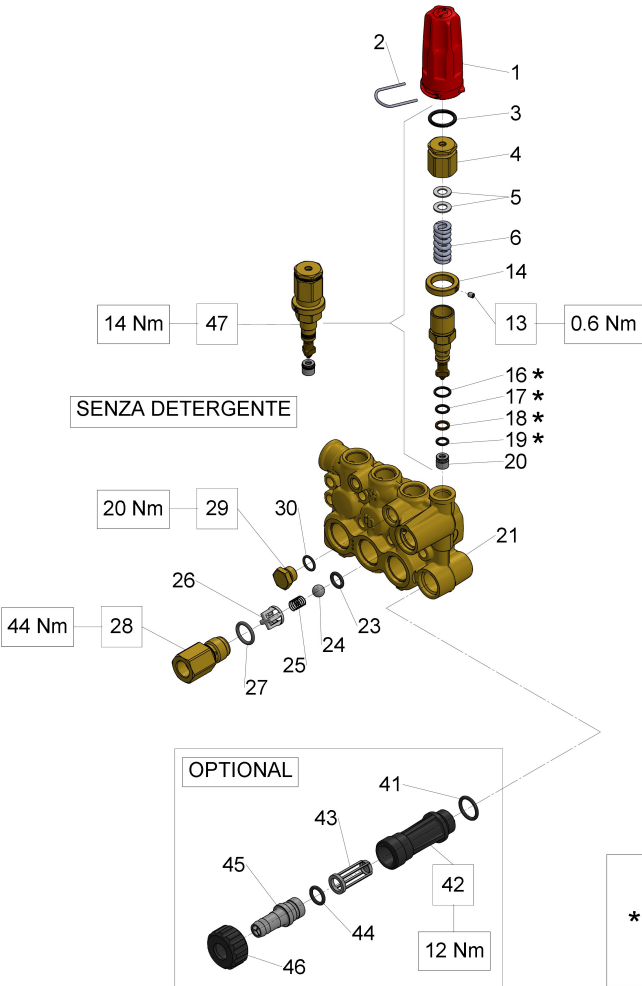
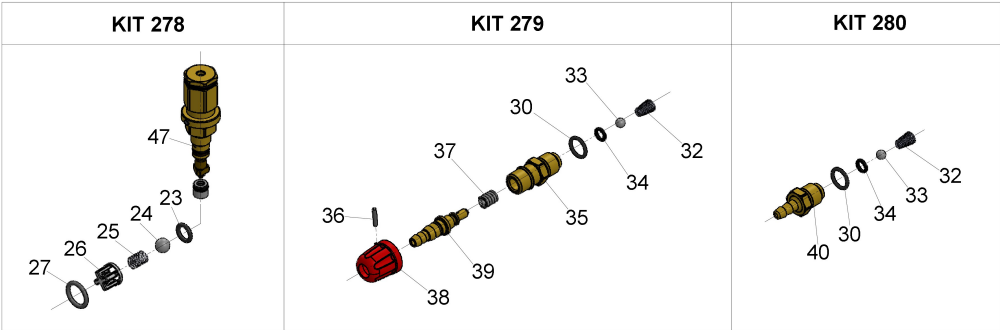


Illustration Hy-Pack version - GAS + gear motor 14cc

Pos.	Code	Description	Qty	Notes
KIT277	34027701	KIT 277 CPL.SEAL D.18 58 SERIE 1		
KIT274	34027401	KIT 274 PACKING D.18 58 SERIES	1	
KIT271	34027101	KIT 271 OIL SEAL D.15 58/59 SERIES	1	
KIT270	34027001	KIT 270 VALVE PLUGS 58 SERIES	1	
KIT269	34026901	KIT 269 INTAKE/DELIVERY VALVES	1	
65	95106000	GEAR MOTOR 014R / S-A CIL / G 1		
64	98196600	PLUG G1/8X8	1	
63	91468500	KEY 4/4.8X18	1	
62	90389800	O-RING 56,82X2,62 (3225)	1	
61	90067100	CIRCLIP ZJ30	1	
60	90385900	O-RING 25,07X2,62 (3100)	1	
59	10076322	FLANGE SAE A-2 HOLES 51-60-631 SERIES		
58	96710300	WASHER D. 10,2X16X1.5	4	
57	99368600	SCREW M10X30	4	
56	96693800	WASHER 6,4X10X0,7	4	
55	99186700	SCREW M 6x18 UNI 5931	4	
54	91837100	BALL BEARING SPEC.	1	
53	90358500	O-RING 10,82X1,78 (2043)	1	
52	98204250	PLUG G1/4"x12	1	
51	58160022	REAR CRANKCASE COVER	1	
50	90392550	O-RING D.113.97X2.62	1	
49	98210500	OIL DIPSTICK G3/8x51 D.7	1	
48	99179000	SCREW M6X6 UNI 5929 12.9	1	
47	90165100	ANELLO RAD. 30.0x62.0x10.0	1	
46	91833100	BALL BEARING 6305 SKF	1	
45	63023765	CRANKSHAFT C.12.5 D5/8"HOLLOW	1	
44	53210851	OIL LEVEL GAUGE	1	
43	99183700	SCREW M 6x14 UNI 5931	8	
42	58150122	COPERCHIO LATERALE	1	
41	58030022	CONNECTING ROD	3	
40	97734000	CONNECTING-ROD PIN D.10X29,5	3	
39	58050066	PISTON GUIDE	3	
38	90156550	OIL SEAL D.15X24X5/7	3	
37	58210451	PROTECTION	1	

Illustration Hy-Pack version - GAS + gear motor 14cc

Pos.	Code	Description	Qty	Notes
35	58210582	SPONGE GASKET D.3X94	1	
34	96699000	WASHER D.7.5X23X0.5	3	
33	96751400	WASHER 21,5X27X1,5	1	
32	98217600	PLUG G1/2X10	1	
31	96738000	WASHER 17,5X23X1,5	1	
30	98210000	PLUG G3/8X13	1	
29	58210870	RING FOR SEAL D.18	3	
28	90265000	SEAL D. 18X24X5 L.P.	3	
27	58010022	PUMP CRANKCASE	1	
26	90360600	O-RING 26,70X1,78 (2106)	3	
25	58605801	PACKING RETAINER+SLEEVE D.18	3	
24	90511150	ANTI-EXTR. RING D.18X28X2	3	
23	90265350	PACKING D.18X28X6/3.7 HP	3	
22	63101151	HEAD RING D.18 H.P.	3	
21	99317500	SCREW M 8x60 UNI 5931	8	
20	98213700	VALVE CAP M18X1,5X10	3	
19	90359300	O-RING 15,60X1,78 (2062)	3	
18	36719301	OUTLET VALVE	3	
17	36211151	VALVE CAGE	3	
16	94733300	SPRING D.6.2x10.5 S.S.	3	
15	36211276	SPHERICAL VALVE	3	
14	36211366	VALVE SEAT	3	
13	90367400	O-RING D. 12X2 (120-20)	3	
12	58040209	PISTON D.18X42	3	
11	96690500	WASHER D.5X11.5x0.4 INOX+FKM58/59/63HT	3	
10	99169000	SCREW M05X55 SPEC. A2-70	3	
9	98222600	VALVE CAP M24X1,5X17	3	
8	90384700	O-RING 20,29X2,62(3081)	3	
7	36711501	INTAKE/DELIVERY VALVE	3	
6	90384100	O-RING 17,12X2,62 (3068)	3	
5	36200366	VALVE SEAT	3	
4	36200176	VALVE PLATE	3	
3	94737600	SPRING D. 9,4X14,8	3	
2	36202551	VALVE CAGE	3	
1	58120241	MANIFOLD FOR PISTON D.18	1	



Se necessario, prima del montaggio lubrificare con grasso di vaselina cod.12.0021.00

* If necessary, lubricate with vaseline grease cod.12.0021.00 before assembly

Illustration Pump head with VH integrated valve

Pos.	Code	Description	Qty	Notes
KIT280	34028001	KIT 280 FIXED CHEM.INJECTOR 58-59	1	
KIT279	34027901	KIT 279 ADJUSTABLE CHEM. INJ. 58-59	1	
KIT278	34027801	KIT 278 BUILT-IN VALVE 58-59	1	
47	36605401	H REG.VALVE ASSY.	1	
46	92982800	WING NUT G3/4	1	
45	36256951	INLET HOSE BARB FITTING (PL.)	1	
44	90382800	O-RING 12,37X2,62 (3050)	1	
43	92892500	FILTER D. 12X35	1	
42	36318251	INLET NIPPLE G 3/4	1	
41	90384100	O-RING 17,12X2,62 (3068)	1	
40	36349270	CHEM. HOSE BARB FITTING	1	
39	36334270	SHUTTER WITH HOSE FITTING	1	
38	36348451	DETERGENT KNOB	1	
37	94733400	SPRING D.6.4X12.5	1	
36	97661500	ELASTIC PIN D. 2X12	1	
35	36348270	CHEM. HOSE BARB FITTING	1	
34	90357300	O-RING D. 5,28X1,78 (2021)	2	
33	97478200	BALL 7/32(5,556) STAINLESS	1	
32	94821700	TAPER SPRING D.4,3X7,3X11	1	
31	10079866	INJECTOR NOZZLE D.2.20 ORANGE	1	
31	10079566	NOZZLE D. 2.00	1	
30	90358500	O-RING 10,82X1,78 (2043)	1	
29	98204100	PLUG G1/4X9	1	
28	36348870	NIPPLE D.3 M22X1.5 M	1	
28	36348970	NIPPLE D.3 G3/8F	1	
28	36347970	NIPPLE D.3 G3/8M	1	
28	36348770	NIPPLE D.3 3/8NPT M	1	
28	36349070	NIPPLE D.3 3/8NPT F	1	
27	90383900	O-RING 15,88X2,62 (121)	1	
26	36310451	VALVE GUIDE	1	
25	94735500	SPRING D. 8,5X12	1	
24	97483800	BALL 13/32 (10,319)	1	
23	90382300	O-RING 9,92X2,62 (112)	1	
21	58120541	MANIFOLD D.18 W/VALVE	1	
21	58121141	MANIFOLD D.18*VALVE L	1	
20	36348366	REG. VALVE SEAT	1	

Illustration Pump head with VH integrated valve

Pos.	Code	Description	Qty	Notes
19	90357800	O-RING 7,66X1,78 (2031)	1	
18	90503800	ANTI-EXTR.RING D.9X12X1.5	1	
17	90358100	O-RING 8,73X1,78 - (108)	1	
16	90358700	O-RING D. 11,11X1,78 (114)	1	
14	36347770	MAX.PRESSURE NUT	1	
13	99126700	SCREW M4X5 UNI5929 S.S.	1	
6	94739500	SPRING D.11,3x34,5	1	
5	36348651	SLIDE WASHER	2	
4	36348170	PRESSURE ADJUST SCREW	1	
3	90384500	O-RING 18,72X2,6 (3075)	1	
2	10084666	REGULATION KNOB YOKE	1	
1	36350651	REGULATION KNOB - RED S. 53-58-59	1	