



KFR28



TECHNICAL INFORMATION

Flow (L/min)	93
Flow (US Gpm)	24,5
Rotation regime (rpm)	1000
Pressure (MPa)	21
Pressure (bar)	210
Pressure (psi)	3050
Power (hp)	50
Power (kW)	37
Overall dimensions L x l x h (mm)	526x367x252,5
Weight (kg)	72



Documents

Male shaft (key) - GAS
Male shaft (key) - NPT
Male shaft (key) - GAS + flange A - GAS
Hollow shaft (spline) + SAE C flange - GAS
Hollow shaft (spline) + SAE C flange - NPT
Hy-Pack version - GAS + piston motor 84cc
Gearbox with male shaft (key) - GAS - 2200 rpm - R=1,83

Illustration Male shaft (key) - GAS

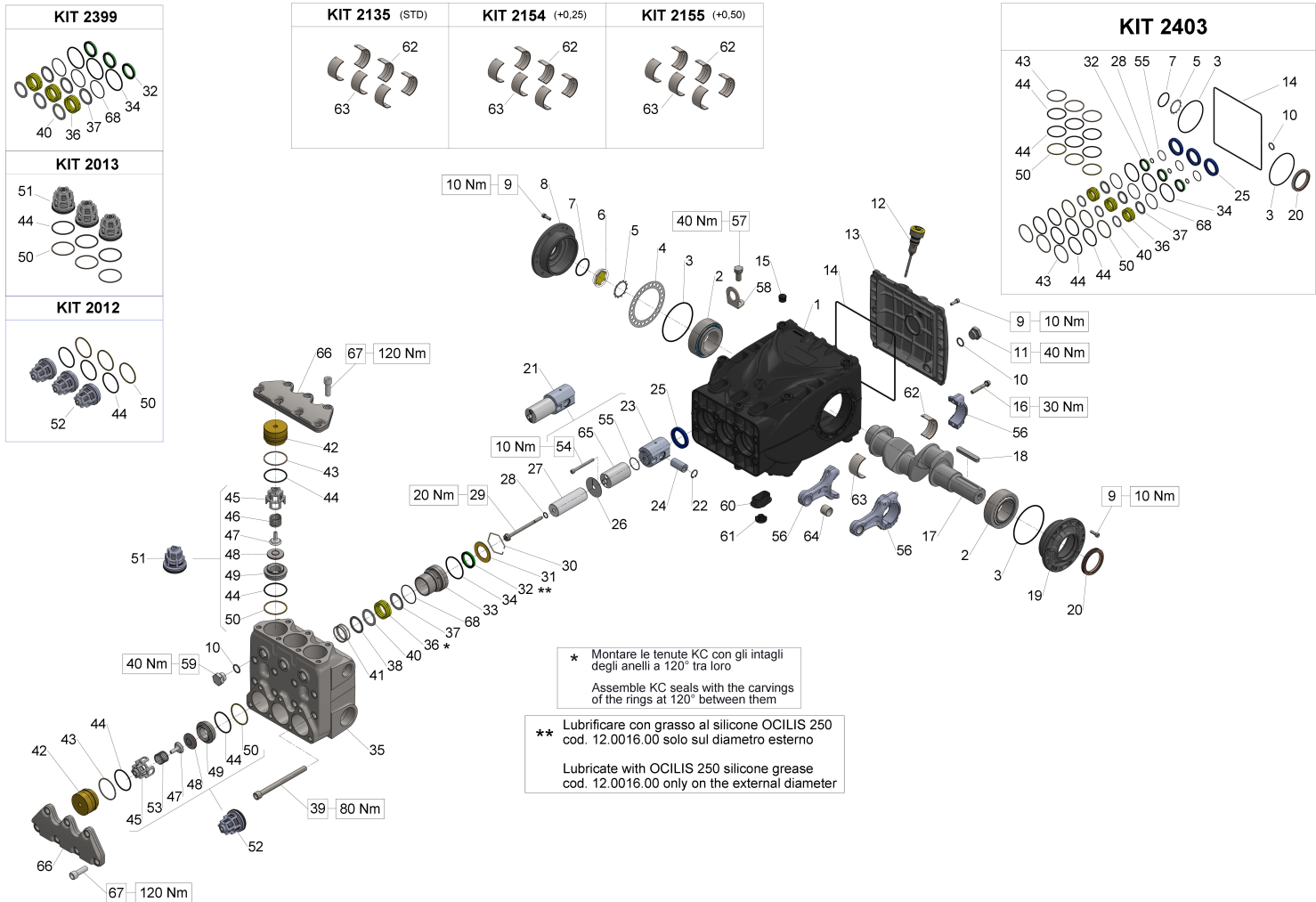


Illustration Male shaft (key) - GAS

Pos.	Code	Description	Qty	Notes
KIT2403	34240301		1	
KIT2399	34239901		1	
KIT2155	34215501		1	
KIT2154	34215401		1	
KIT2135	34213501		1	
KIT2013	34201301		1	
KIT2012	34201201		1	
68	90362300		3	
67	99429500	SCREW M12X35 UNI5931 12.31 DACR.	14	
66	71210136		2	
65	71050866		3	
64	90911000		3	
63	90924000		3	
63	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
63	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
62	90924300		3	
62	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
62	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
61	71225951	PLUG CAP	3	
60	71225851		6	
59	98218100		3	
58	71223074	STAFFA DI SOLLEVAMENTO	1	
57	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
56	71030701		3	
55	90352800	O-RING D. 29.00x1.50 NBR 70SH	3	
54	99199400		6	
53	94754000	SPRING D.24.7X27	3	
52	36713601		3	
51	36713701		3	
50	90524000		6	
49	36204156		6	
48	36208502	SPHERICAL VALVE COMPLETE	6	
47	36208651	INNER VALVE GUIDE	6	
46	94755000		3	

Illustration Male shaft (key) - GAS

Pos.	Code	Description	Qty	Notes
45	36204505	VALVE CAGE SS (71 SERIES)	6	
44	90388900		12	
43	90525000		6	
42	72210370		6	
41	94766800		3	
40	71212482		3	
39	99448000		8	
38	71213056		3	
37	90517100		3	
36	90559000		3	
35	71120836		1	
34	90389100		3	
33	71213456		3	
32	90275050		3	
31	71217670		3	
30	90079700		3	
29	71219566		3	
28	90367100		3	
27	71040609		3	
26	96714000		3	
25	90167800		3	
24	97743000		3	
23	71050715		3	
22	90060600		2	
21	71606601		3	
20	90170000		1	
19	71150022		1	
18	91500000		1	
17	71020035		1	
16	99313800		6	
15	98206000		4	
14	90400000		1	
13	71160022		1	
12	98212000		1	
11	98218700		1	
10	90384100	O-RING 17,12X2,62 (3068)	4	
9	99186700	SCREW M 6x18 UNI 5931	20	
8	71150122		1	
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	

Illustration Male shaft (key) - GAS

Pos.	Code	Description	Qty	Notes
5	90075600	CIRCLIP D.45 (Z145)	1	
4	71220381	SHIM 0.25 MM.	1	
4	71220081	SHIM 0.1 MM.	1	
3	90391800		2	
2	91859000		2	
1	71010022		1	

Illustration Male shaft (key) - NPT

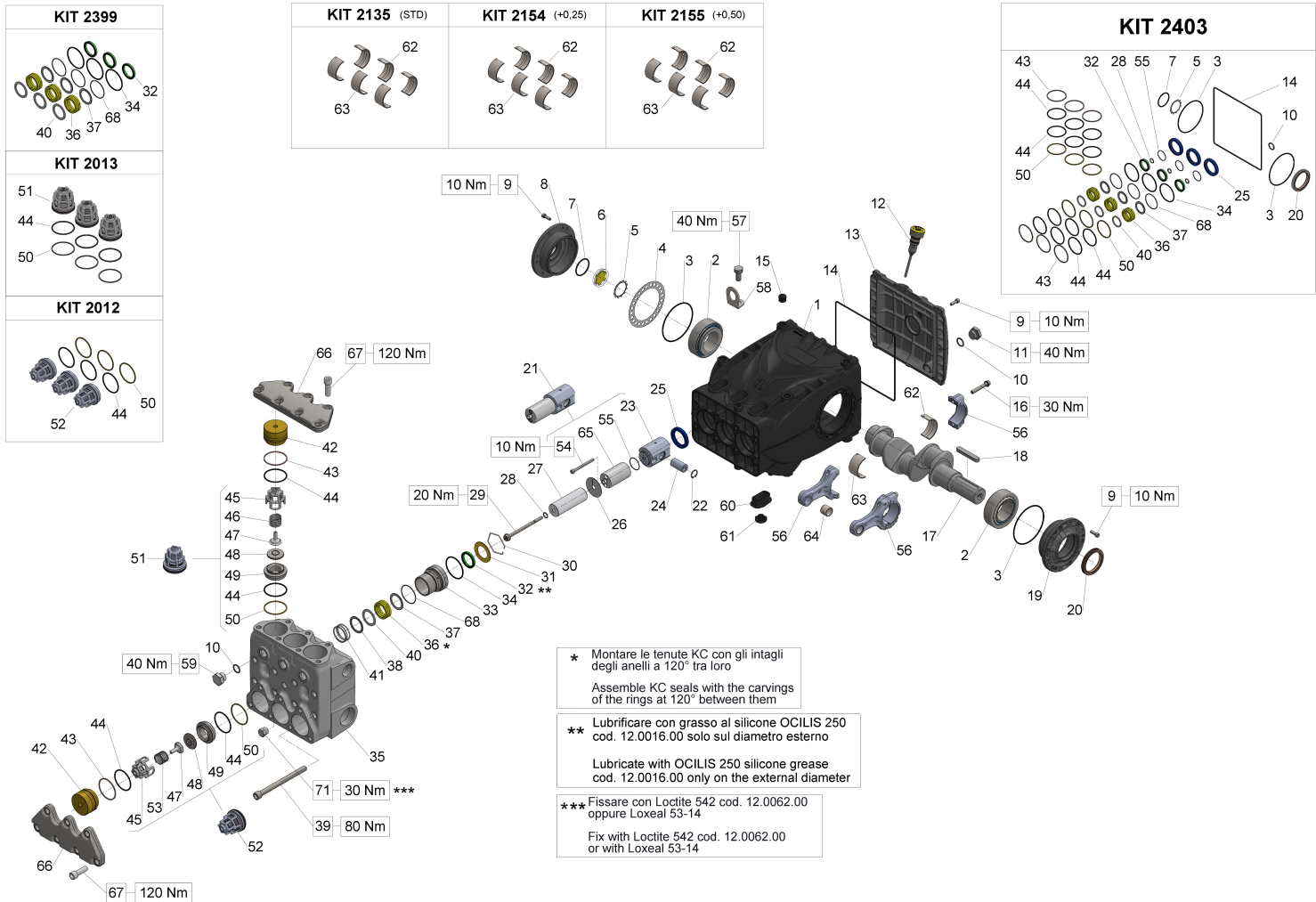


Illustration Male shaft (key) - NPT

Pos.	Code	Description	Qty	Notes
KIT2403	34240301		1	
KIT2399	34239901		1	
KIT2155	34215501		1	
KIT2154	34215401		1	
KIT2135	34213501		1	
KIT2013	34201301		1	
KIT2012	34201201		1	
71	98209800		1	
68	90362300		3	
67	99429500	SCREW M12X35 UNI5931 12.31 DACR.	14	
66	71210136		2	
65	71050866		3	
64	90911000		3	
63	90924000		3	
63	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
63	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
62	90924300		3	
62	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
62	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
61	71225951	PLUG CAP	3	
60	71225851		6	
59	98218100		3	
58	71223074	STAFFA DI SOLLEVAMENTO	1	
57	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
56	71030701		3	
55	90352800	O-RING D. 29.00x1.50 NBR 70SH	3	
54	99199400		6	
53	94754000	SPRING D.24.7X27	3	
52	36713601		3	
51	36713701		3	
50	90524000		6	
49	36204156		6	
48	36208502	SPHERICAL VALVE COMPLETE	6	
47	36208651	INNER VALVE GUIDE	6	

Illustration Male shaft (key) - NPT

Pos.	Code	Description	Qty	Notes
46	94755000		3	
45	36204505	VALVE CAGE SS (71 SERIES)	6	
44	90388900		12	
43	90525000		6	
42	72210370		6	
41	94766800		3	
40	71212482		3	
39	99448000		8	
38	71213056		3	
37	90517100		3	
36	90559000		3	
35	71120936		1	
34	90389100		3	
33	71213456		3	
32	90275050		3	
31	71217670		3	
30	90079700		3	
29	71219566		3	
28	90367100		3	
27	71040609		3	
26	96714000		3	
25	90167800		3	
24	97743000		3	
23	71050715		3	
22	90060600		2	
21	71606601		3	
20	90170000		1	
19	71150022		1	
18	91500000		1	
17	71020035		1	
16	99313800		6	
15	98206000		4	
14	90400000		1	
13	71160022		1	
12	98212000		1	
11	98218700		1	
10	90384100	O-RING 17,12X2,62 (3068)	4	
9	99186700	SCREW M 6x18 UNI 5931	20	
8	71150122		1	
7	90387700	O-RING 39,34X2,62 (3156)	1	

Illustration Male shaft (key) - NPT

Pos.	Code	Description	Qty	Notes
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (ZJ45)	1	
4	71220381	SHIM 0.25 MM.	1	
4	71220081	SHIM 0.1 MM.	1	
3	90391800		2	
2	91859000		2	
1	71010022		1	

Illustration Male shaft (key) - GAS + flange A - GAS

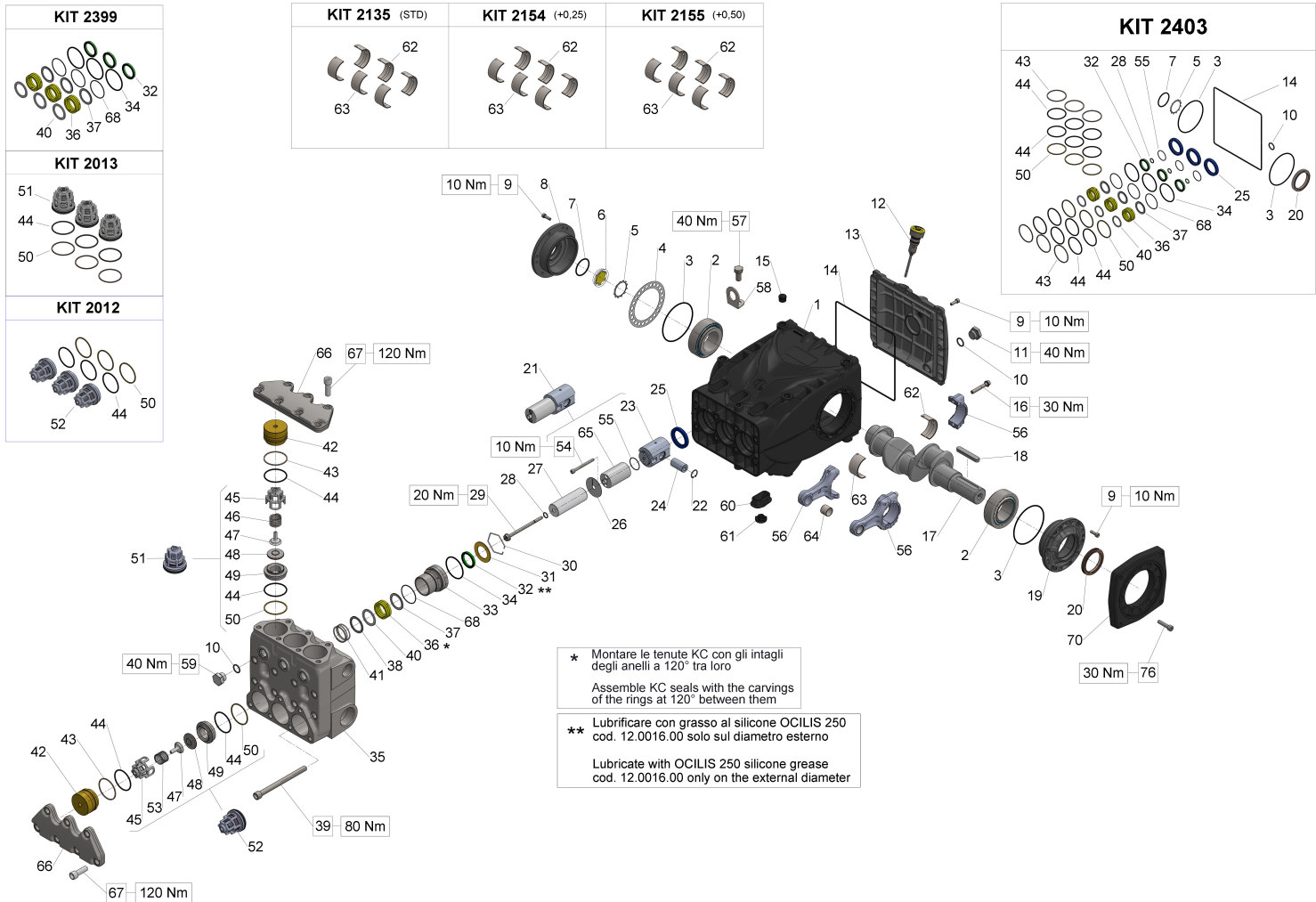


Illustration Male shaft (key) - GAS + flange A - GAS

Pos.	Code	Description	Qty	Notes
KIT2403	34240301		1	
KIT2399	34239901		1	
KIT2155	34215501		1	
KIT2154	34215401		1	
KIT2135	34213501		1	
KIT2013	34201301		1	
KIT2012	34201201		1	
76	99309800		6	
70	10067720		1	
68	90362300		3	
67	99429500	SCREW M12X35 UNI5931 12.31 DACR.	14	
66	71210136		2	
65	71050866		3	
64	90911000		3	
63	90924000		3	
63	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
63	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
62	90924300		3	
62	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
62	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
61	71225951	PLUG CAP	3	
60	71225851		6	
59	98218100		3	
58	71223074	STAFFA DI SOLLEVAMENTO	1	
57	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
56	71030701		3	
55	90352800	O-RING D. 29.00x1.50 NBR 70SH	3	
54	99199400		6	
53	94754000	SPRING D.24.7X27	3	
52	36713601		3	
51	36713701		3	
50	90524000		6	
49	36204156		6	
48	36208502	SPHERICAL VALVE COMPLETE	6	

Illustration Male shaft (key) - GAS + flange A - GAS

Pos.	Code	Description	Qty	Notes
47	36208651	INNER VALVE GUIDE	6	
46	94755000		3	
45	36204505	VALVE CAGE SS (71 SERIES)	6	
44	90388900		12	
43	90525000		6	
42	72210370		6	
41	94766800		3	
40	71212482		3	
39	99448000		8	
38	71213056		3	
37	90517100		3	
36	90559000		3	
35	71120836		1	
34	90389100		3	
33	71213456		3	
32	90275050		3	
31	71217670		3	
30	90079700		3	
29	71219566		3	
28	90367100		3	
27	71040609		3	
26	96714000		3	
25	90167800		3	
24	97743000		3	
23	71050715		3	
22	90060600		2	
21	71606601		3	
20	90170000		1	
19	71150022		1	
18	91500000		1	
17	71020035		1	
16	99313800		6	
15	98206000		4	
14	90400000		1	
13	71160022		1	
12	98212000		1	
11	98218700		1	
10	90384100	O-RING 17,12X2,62 (3068)	4	
9	99186700	SCREW M 6x18 UNI 5931	20	
8	71150122		1	

Illustration Male shaft (key) - GAS + flange A - GAS

Pos.	Code	Description	Qty	Notes
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (ZJ45)	1	
4	71220381	SHIM 0.25 MM.	1	
4	71220081	SHIM 0.1 MM.	1	
3	90391800		2	
2	91859000		2	
1	71010022		1	

Illustration Hollow shaft (spline) + SAE C flange - GAS

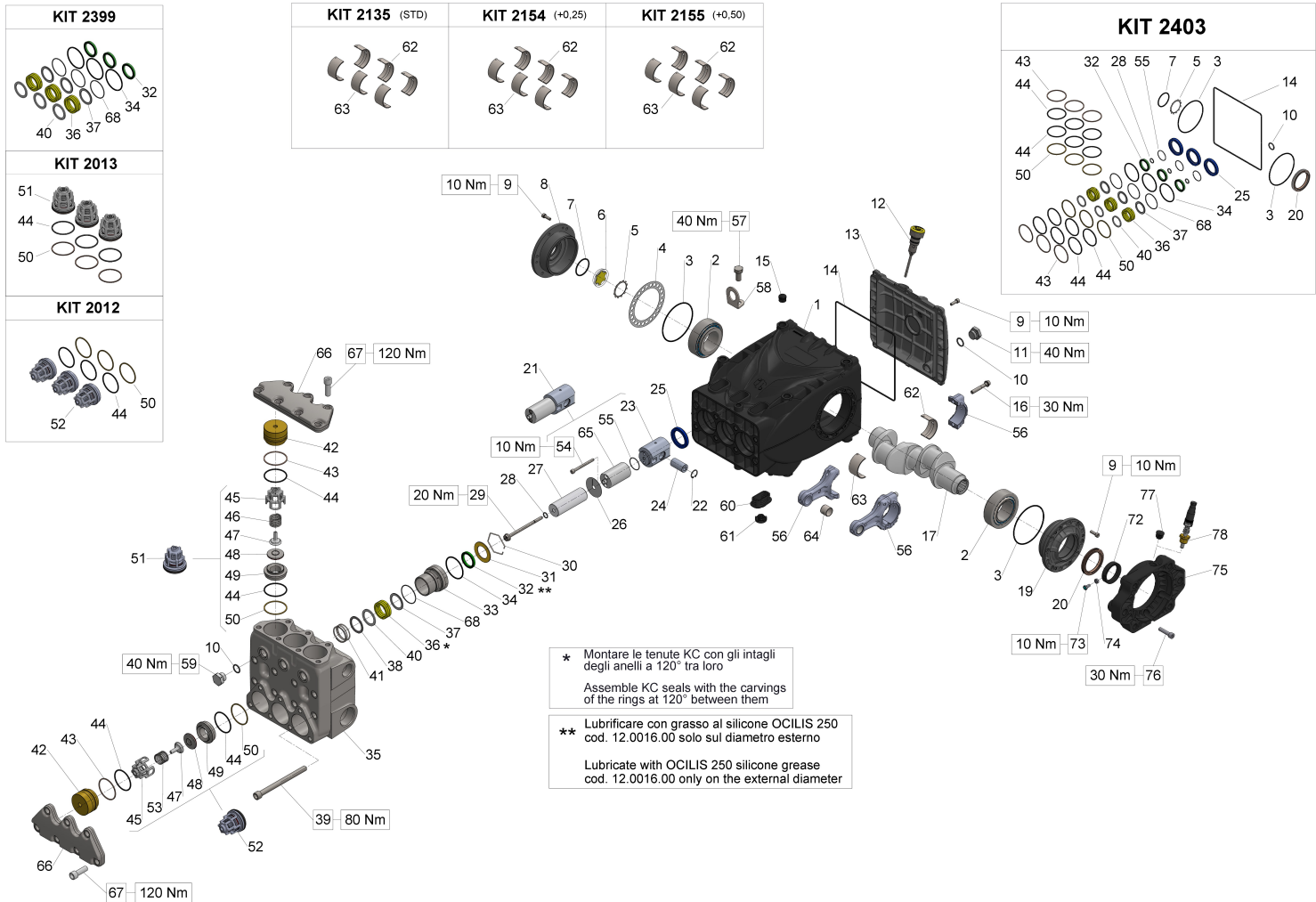


Illustration Hollow shaft (spline) + SAE C flange - GAS

Pos.	Code	Description	Qty	Notes
KIT2403	34240301		1	
KIT2399	34239901		1	
KIT2155	34215501		1	
KIT2154	34215401		1	
KIT2135	34213501		1	
KIT2013	34201301		1	
KIT2012	34201201		1	
78	ZRPM1	ZRPM1	1	
77	90206500	PLUG FOR BORE D.17 - TTN19	1	
76	99309800		6	
75	10085422		1	
74	92202500	NUT M6 UNI 5588 6S	1	
73	70227034	VITE M6X12 CON INCAVO COMPLETA	1	
72	71228971	ANELLO PER ALBERO D.40 H.PACK	1	
68	90362300		3	
67	99429500	SCREW M12X35 UNI5931 12.31 DACR.	14	
66	71210136		2	
65	71050866		3	
64	90911000		3	
63	90924000		3	
63	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
63	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
62	90924300		3	
62	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
62	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
61	71225951	PLUG CAP	3	
60	71225851		6	
59	98218100		3	
58	71223074	STAFFA DI SOLLEVAMENTO	1	
57	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
56	71030701		3	
55	90352800	O-RING D. 29.00x1.50 NBR 70SH	3	
54	99199400		6	

Illustration Hollow shaft (spline) + SAE C flange - GAS

Pos.	Code	Description	Qty	Notes
53	94754000	SPRING D.24.7X27	3	
52	36713601		3	
51	36713701		3	
50	90524000		6	
49	36204156		6	
48	36208502	SPHERICAL VALVE COMPLETE	6	
47	36208651	INNER VALVE GUIDE	6	
46	94755000		3	
45	36204505	VALVE CAGE SS (71 SERIES)	6	
44	90388900		12	
43	90525000		6	
42	72210370		6	
41	94766800		3	
40	71212482		3	
39	99448000		8	
38	71213056		3	
37	90517100		3	
36	90559000		3	
35	71120836		1	
34	90389100		3	
33	71213456		3	
32	90275050		3	
31	71217670		3	
30	90079700		3	
29	71219566		3	
28	90367100		3	
27	71040609		3	
26	96714000		3	
25	90167800		3	
24	97743000		3	
23	71050715		3	
22	90060600		2	
21	71606601		3	
20	90170000		1	
19	71150022		1	
17	71020835		1	
16	99313800		6	
15	98206000		4	
14	90400000		1	
13	71160022		1	

Illustration Hollow shaft (spline) + SAE C flange - GAS

Pos.	Code	Description	Qty	Notes
12	98212000		1	
11	98218700		1	
10	90384100	O-RING 17,12X2,62 (3068)	4	
9	99186700	SCREW M 6x18 UNI 5931	20	
8	71150122		1	
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (ZJ45)	1	
4	71220381	SHIM 0.25 MM.	1	
4	71220081	SHIM 0.1 MM.	1	
3	90391800		2	
2	91859000		2	
1	71010022		1	

Illustration Hollow shaft (spline) + SAE C flange - NPT

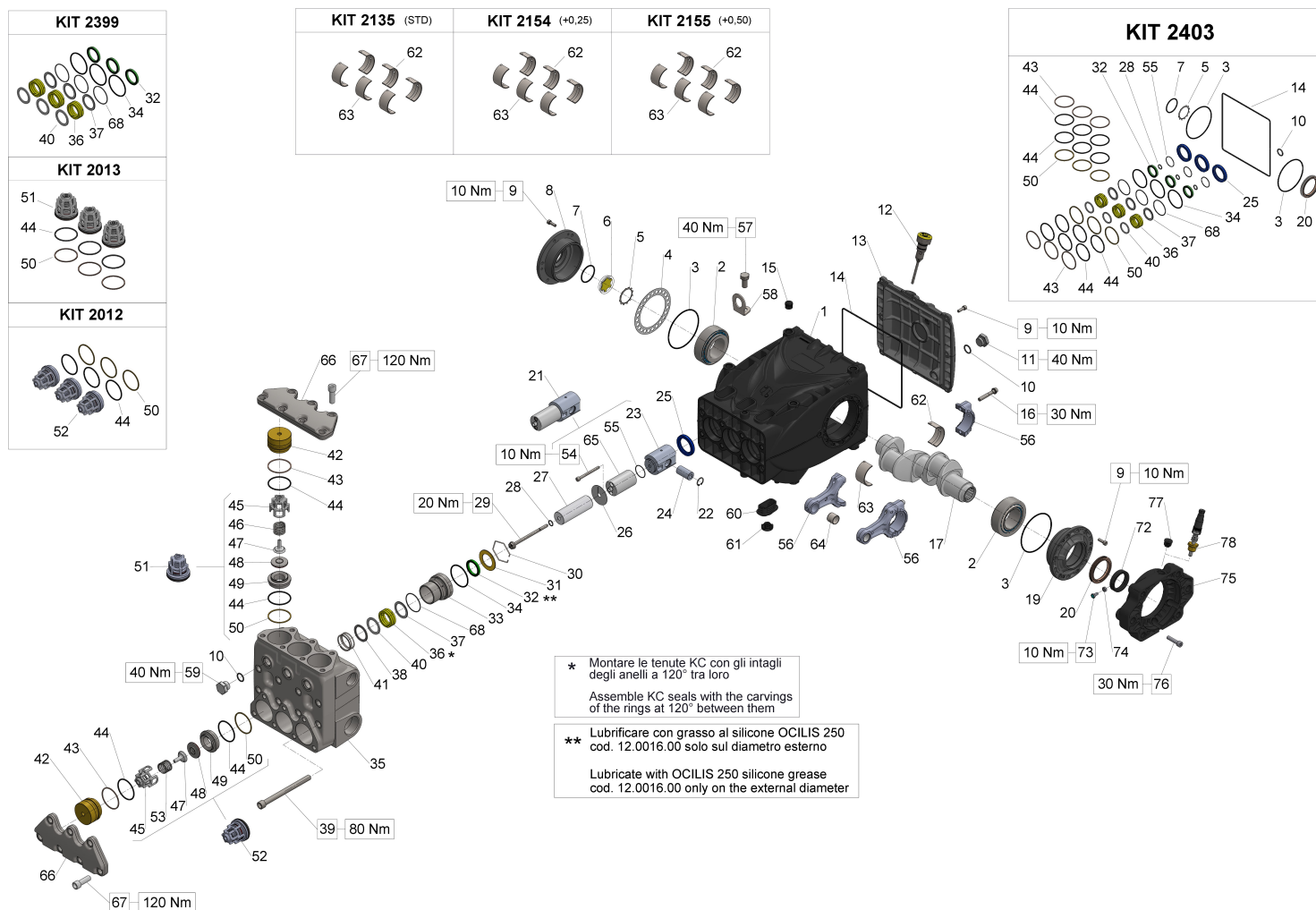


Illustration Hollow shaft (spline) + SAE C flange - NPT

Pos.	Code	Description	Qty	Notes
KIT2403	34240301		1	
KIT2399	34239901		1	
KIT2155	34215501		1	
KIT2154	34215401		1	
KIT2135	34213501		1	
KIT2013	34201301		1	
KIT2012	34201201		1	
78	ZRPM1	ZRPM1	1	
77	90206500	PLUG FOR BORE D.17 - TTN19	1	
76	99309800		6	
75	10085422		1	
74	92202500	NUT M6 UNI 5588 6S	1	
73	70227034	VITE M6X12 CON INCAVO COMPLETA	1	
72	71228971	ANELLO PER ALBERO D.40 H.PACK	1	
68	90362300		3	
67	99429500	SCREW M12X35 UNI5931 12.31 DACR.	14	
66	71210136		2	
65	71050866		3	
64	90911000		3	
63	90924000		3	
63	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
63	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
62	90924300		3	
62	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
62	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
61	71225951	PLUG CAP	3	
60	71225851		6	
59	98218100		3	
58	71223074	STAFFA DI SOLLEVAMENTO	1	
57	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
56	71030701		3	
55	90352800	O-RING D. 29.00x1.50 NBR 70SH	3	
54	99199400		6	

Illustration Hollow shaft (spline) + SAE C flange - NPT

Pos.	Code	Description	Qty	Notes
53	94754000	SPRING D.24.7X27	3	
52	36713601		3	
51	36713701		3	
50	90524000		6	
49	36204156		6	
48	36208502	SPHERICAL VALVE COMPLETE	6	
47	36208651	INNER VALVE GUIDE	6	
46	94755000		3	
45	36204505	VALVE CAGE SS (71 SERIES)	6	
44	90388900		12	
43	90525000		6	
42	72210370		6	
41	94766800		3	
40	71212482		3	
39	99448000		8	
38	71213056		3	
37	90517100		3	
36	90559000		3	
35	71120936		1	
34	90389100		3	
33	71213456		3	
32	90275050		3	
31	71217670		3	
30	90079700		3	
29	71219566		3	
28	90367100		3	
27	71040609		3	
26	96714000		3	
25	90167800		3	
24	97743000		3	
23	71050715		3	
22	90060600		2	
21	71606601		3	
20	90170000		1	
19	71150022		1	
17	71020835		1	
16	99313800		6	
15	98206000		4	
14	90400000		1	
13	71160022		1	

Illustration Hollow shaft (spline) + SAE C flange - NPT

Pos.	Code	Description	Qty	Notes
12	98212000		1	
11	98218700		1	
10	90384100	O-RING 17,12X2,62 (3068)	4	
9	99186700	SCREW M 6x18 UNI 5931	20	
8	71150122		1	
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (ZJ45)	1	
4	71220381	SHIM 0.25 MM.	1	
4	71220081	SHIM 0.1 MM.	1	
3	90391800		2	
2	91859000		2	
1	71010022		1	

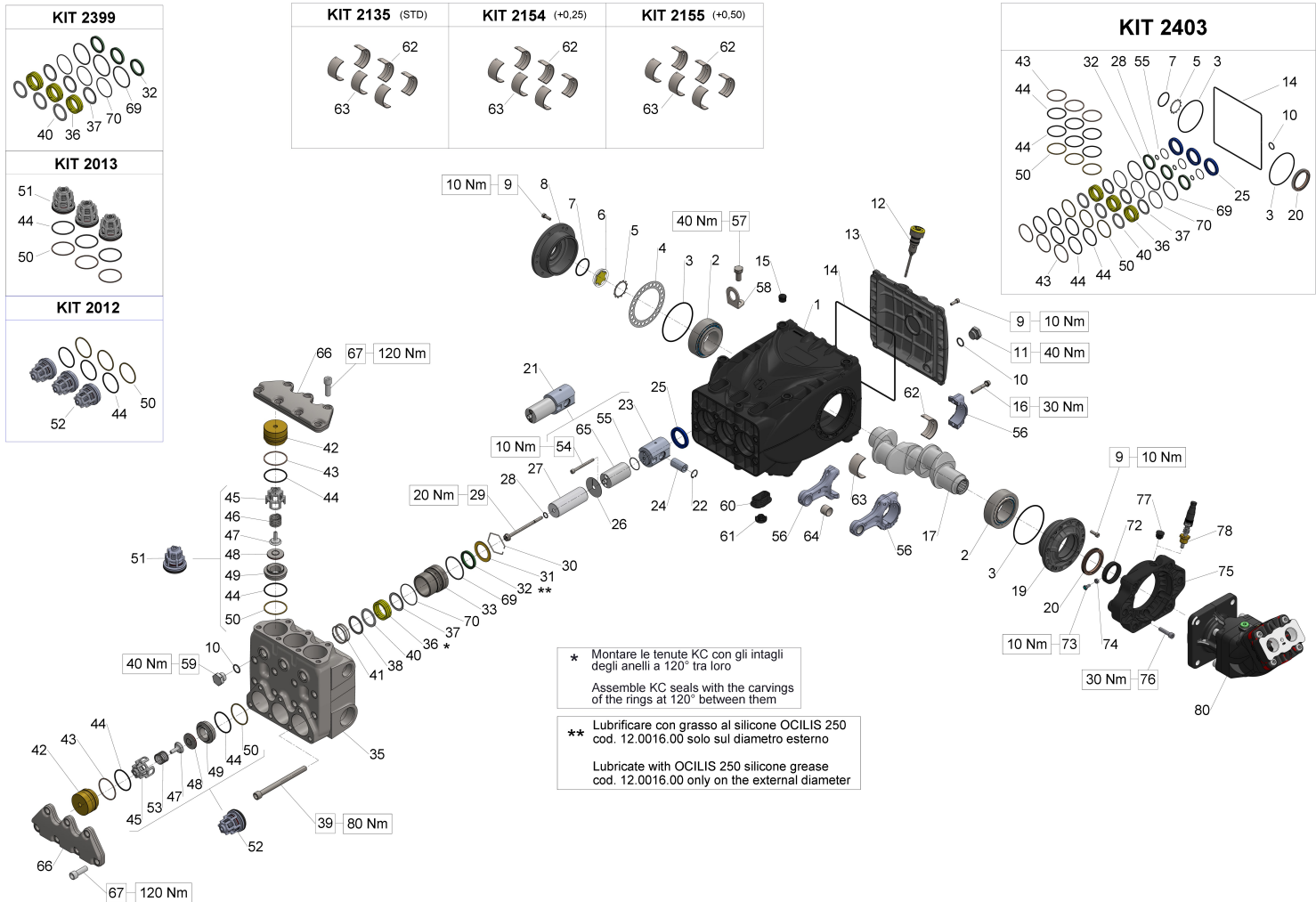


Illustration Hy-Pack version - GAS + piston motor 84cc

Pos.	Code	Description	Qty	Notes
KIT2403	34240301		1	
KIT2399	34239901		1	
KIT2155	34215501		1	
KIT2154	34215401		1	
KIT2135	34213501		1	
KIT2013	34201301		1	
KIT2012	34201201		1	
80	95153150		1	
78	ZRPM1	ZRPM1	1	
77	90206500	PLUG FOR BORE D.17 - TTN19	1	
76	99309800		6	
75	10085422		1	
74	92202500	NUT M6 UNI 5588 6S	1	
73	70227034	VITE M6X12 CON INCAVO COMPLETA	1	
72	71228971	ANELLO PER ALBERO D.40 H.PACK	1	
69	90362300		3	
67	99429500	SCREW M12X35 UNI5931 12.31 DACR.	14	
66	71210136		2	
65	71050866		3	
64	90911000		3	
63	90924000		3	
63	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
63	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
62	90924300		3	
62	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
62	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
61	71225951	PLUG CAP	3	
60	71225851		6	
59	98218100		3	
58	71223074	STAFFA DI SOLLEVAMENTO	1	
57	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
56	71030701		3	
55	90352800	O-RING D. 29.00x1.50 NBR 70SH	3	

Illustration Hy-Pack version - GAS + piston motor 84cc

Pos.	Code	Description	Qty	Notes
54	99199400		6	
53	94754000	SPRING D.24.7X27	3	
52	36713601		3	
51	36713701		3	
50	90524000		6	
49	36204156		6	
48	36208502	SPHERICAL VALVE COMPLETE	6	
47	36208651	INNER VALVE GUIDE	6	
46	94755000		3	
45	36204505	VALVE CAGE SS (71 SERIES)	6	
44	90388900		12	
43	90525000		6	
42	72210370		6	
41	94766800		3	
40	71212482		3	
39	99448000		8	
38	71213056		3	
37	90517100		3	
36	90559000		3	
35	71120836		1	
70	90389100		3	
33	71213456		3	
32	90275050		3	
31	71217670		3	
30	90079700		3	
29	71219566		3	
28	90367100		3	
27	71040609		3	
26	96714000		3	
25	90167800		3	
24	97743000		3	
23	71050715		3	
22	90060600		2	
21	71606601		3	
20	90170000		1	
19	71150022		1	
17	71020835		1	
16	99313800		6	
15	98206000		4	
14	90400000		1	

Illustration Hy-Pack version - GAS + piston motor 84cc

Pos.	Code	Description	Qty	Notes
13	71160022		1	
12	98212000		1	
11	98218700		1	
10	90384100	O-RING 17,12X2,62 (3068)	4	
9	99186700	SCREW M 6x18 UNI 5931	20	
8	71150122		1	
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (ZJ45)	1	
4	71220381	SHIM 0.25 MM.	1	
4	71220081	SHIM 0.1 MM.	1	
3	90391800		2	
2	91859000		2	
1	71010022		1	

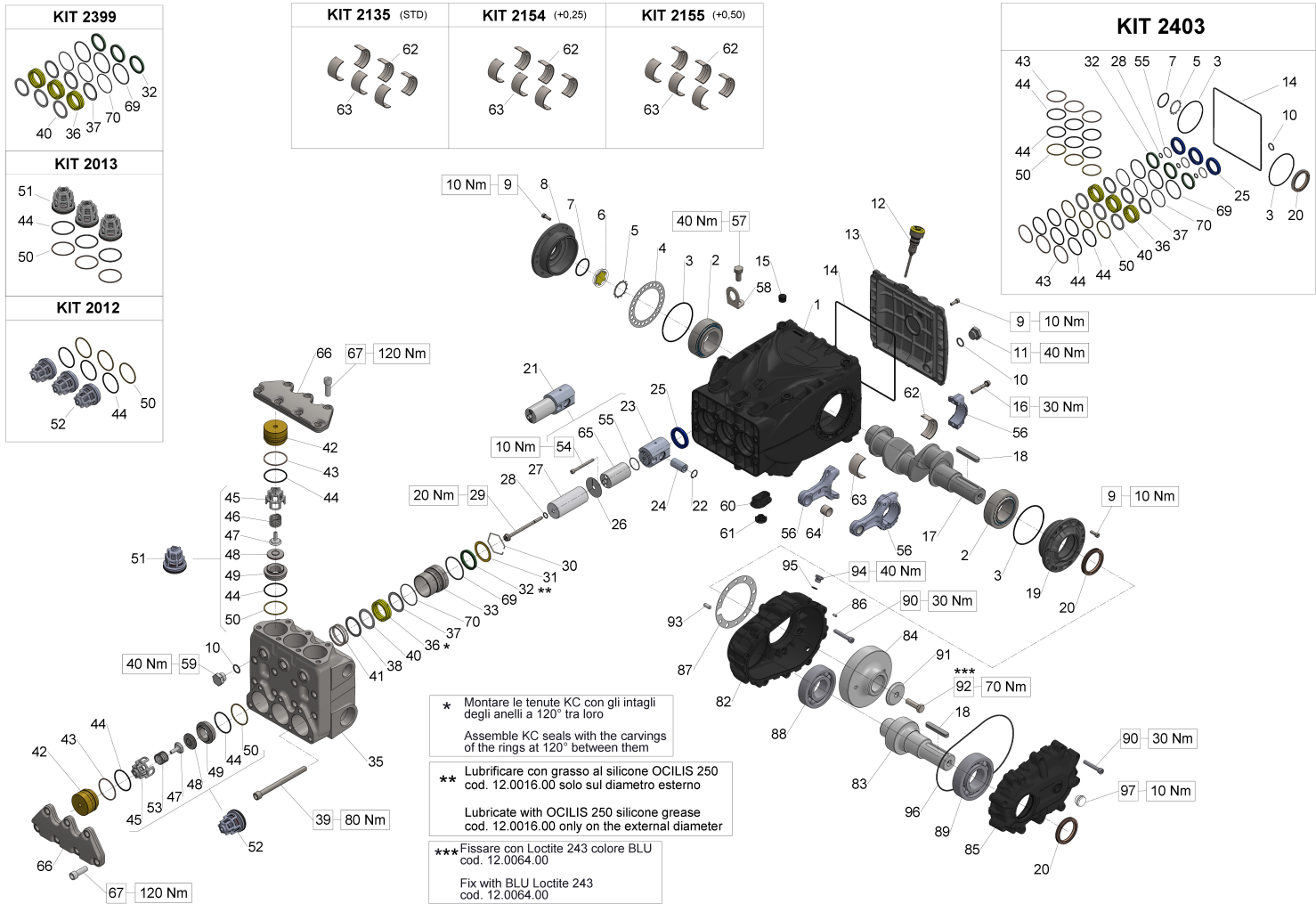


Illustration Gearbox with male shaft (key) - GAS - 2200 rpm - R=1,83

Pos.	Code	Description	Qty	Notes
KIT2403	34240301		1	
KIT2399	34239901		1	
KIT2155	34215501		1	
KIT2154	34215401		1	
KIT2135	34213501		1	
KIT2013	34201301		1	
KIT2012	34201201		1	
97	97594000		1	
96	90394800		1	
95	90358500	O-RING 10,82X1,78 (2043)	2	
94	98204250	PLUG G1/4"x12	2	
93	97618500		1	
92	99430700		1	
91	72211055		1	
90	99314600		16	
89	91859300		1	
88	91857700		1	
87	72210784		1	
86	97615200	PIN D.5x10	1	
85	72210920		1	
84	10071335		1	
83	10071035		1	
82	72210820		1	
69	90362300		3	
67	99429500	SCREW M12X35 UNI5931 12.31 DACR.	14	
66	71210136		2	
65	71050866		3	
64	90911000		3	
63	90924000		3	
63	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
63	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
62	90924300		3	
62	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
62	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
61	71225951	PLUG CAP	3	
60	71225851		6	

Illustration Gearbox with male shaft (key) - GAS - 2200 rpm - R=1,83

Pos.	Code	Description	Qty	Notes
59	98218100		3	
58	71223074	STAFFA DI SOLLEVAMENTO	1	
57	99426600	VITE TE M12X25-UNI5739 ZINC. 1		
56	71030701		3	
55	90352800	O-RING D. 29.00x1.50 NBR 70SH 3		
54	99199400		6	
53	94754000	SPRING D.24.7X27	3	
52	36713601		3	
51	36713701		3	
50	90524000		6	
49	36204156		6	
48	36208502	SPHERICAL VALVE COMPLETE	6	
47	36208651	INNER VALVE GUIDE	6	
46	94755000		3	
45	36204505	VALVE CAGE SS (71 SERIES)	6	
44	90388900		12	
43	90525000		6	
42	72210370		6	
41	94766800		3	
40	71212482		3	
39	99448000		8	
38	71213056		3	
37	90517100		3	
36	90559000		3	
35	71120836		1	
70	90389100		3	
33	71213456		3	
32	90275050		3	
31	71217670		3	
30	90079700		3	
29	71219566		3	
28	90367100		3	
27	71040609		3	
26	96714000		3	
25	90167800		3	
24	97743000		3	
23	71050715		3	
22	90060600		2	
21	71606601		3	

Illustration Gearbox with male shaft (key) - GAS - 2200 rpm - R=1,83

Pos.	Code	Description	Qty	Notes
20	90170000		2	
19	71150022		1	
18	91500000		2	
17	71020035		1	
16	99313800		6	
15	98206000		4	
14	90400000		1	
13	71160022		1	
12	98212000		1	
11	98218700		1	
10	90384100	O-RING 17,12X2,62 (3068)	4	
9	99186700	SCREW M 6x18 UNI 5931	20	
8	71150122		1	
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (ZJ45)	1	
4	71220381	SHIM 0.25 MM.	1	
4	71220081	SHIM 0.1 MM.	1	
3	90391800		2	
2	91859000		2	
1	71010022		1	