



KV14



TECHNICAL INFORMATION

Flow (L/min)	17,4 / 21
Flow (US Gpm)	4,6 / 5,5
Rotation regime (rpm)	1450 / 1750
Pressure (MPa)	80
Pressure (bar)	800
Pressure (psi)	11600
Power (hp)	36,1 / 43,6
Power (kW)	26,6 / 32
Overall dimensions L x l x h (mm)	471x363x253,5
Weight (kg)	40



Documents

Male shaft (key) - GAS
Male shaft (key) - GAS + flange A - GAS
Hollow shaft (spline) + SAE B flange - GAS
Hy-Pack versione - GAS + gear motor 48cc
Fittings KIT

Illustration Male shaft (key) - GAS

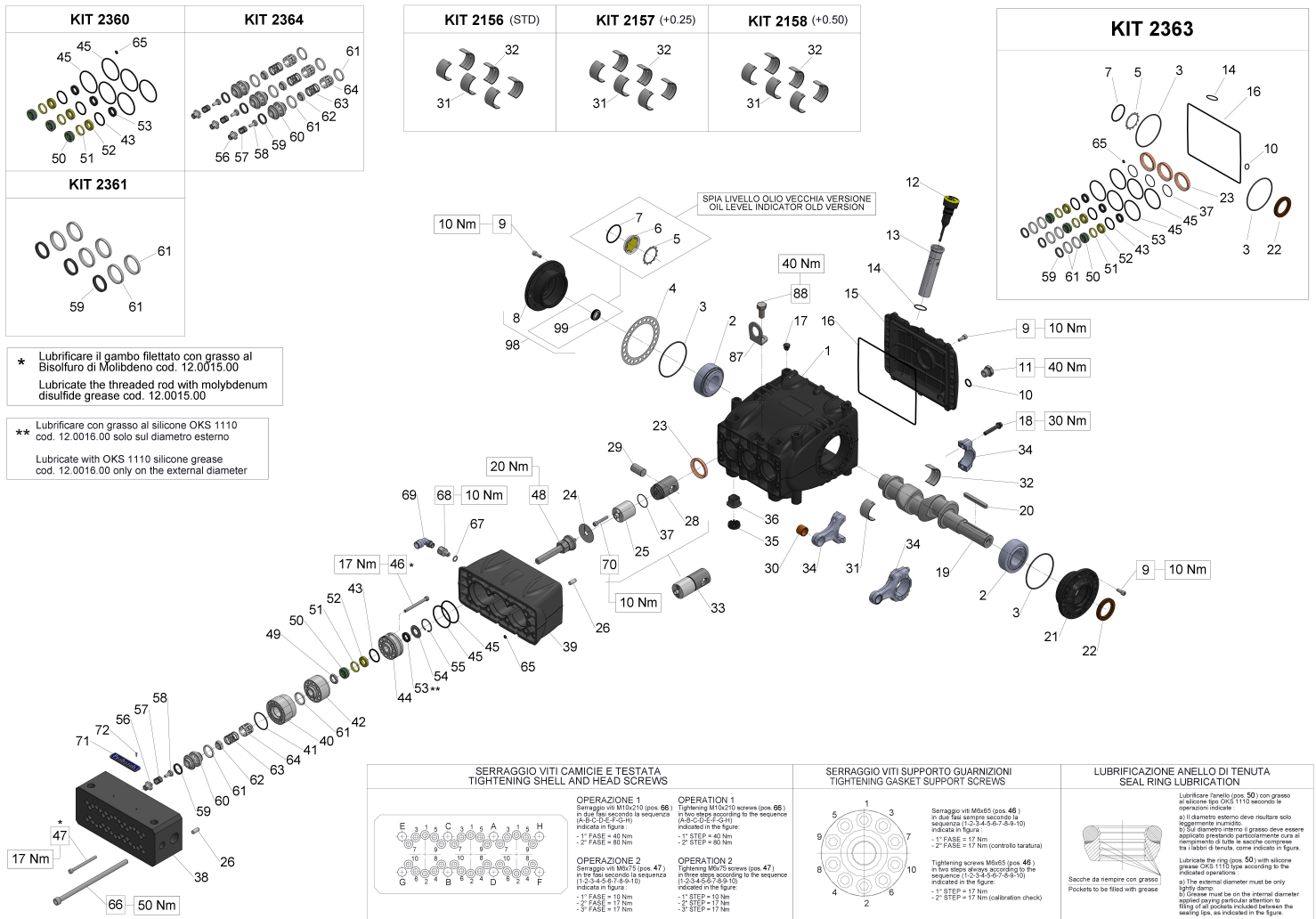


Illustration Male shaft (key) - GAS

Pos.	Code	Description	Qty	Notes
KIT2364	34236401		1	
KIT2363	34236301		1	
KIT2361	34236101		1	
KIT2360	34236001		1	
KIT2158	34215801	KIT 2158*CONROD BUSHINGS +0,50	1	
KIT2157	34215701	KIT 2157*CONROD BUSHINGS +0,25	1	
KIT2156	34215601	KIT 2156*CONROD BUSHING	1	
99	97595000		1	
98	70150101		1	
88	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
87	71223074	STAFFA DI SOLLEVAMENTO	1	
72	91570300		1	
71	97827500		1	
70	99192500	SCREW M06X35 5931 A2-70	6	
69	96416000		1	
68	71223566		1	
67	96710000		1	
66	99386800		8	
65	90366300		1	
64	36215405		3	
63	94749100		3	
62	36215366		3	
61	93186800		6	
60	36215266		3	
59	93186000		3	
58	36215666		3	
57	94740750		3	
56	36215570		3	
55	90067200		3	
54	71216866		3	
53	90260400		3	
52	71211470		3	
51	71224668		3	
50	90260600		3	
49	70100560		3	
48	70041702		3	
47	99199800		30	
46	99199500		30	
45	90388900		6	

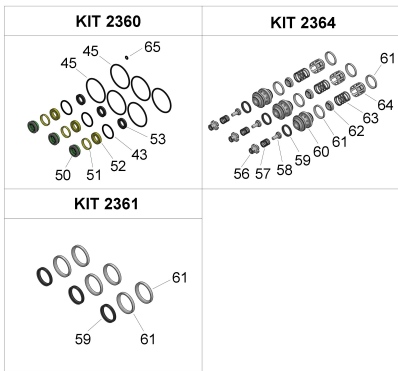
Illustration Male shaft (key) - GAS

Pos.	Code	Description	Qty	Notes
44	70226356		3	
43	90386100		3	
42	70226456		3	
41	90370200		3	
40	70060656		3	
39	70226520		1	
38	70127456		1	
37	90352800	O-RING D. 29.00x1.50 NBR 70SH 3		
36	70222551	CRANKCASE PLUG	6	
35	71225951	PLUG CAP	3	
34	70030501	CONNECTING ROD COMPLETE	3	
33	70606801	PISTON GUIDE ASSY	3	
32	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
32	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
32	90922300	LOWER HALF CONROD BUSHING (BIG END) S.70	3	
31	90922000	UPPER HALF CONROD BUSHING (BIG END) S.70	3	
31	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
31	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
30	90910000	CONROD BUSHING (SMALL END) S.70	3	
29	97742000	GUDGEON PIN D.18X36	3	
28	70050115	PISTON GUIDE T.N.	3	
26	97618500		4	
25	70050266	PISTON GUIDE ROD	3	
24	96709900	WASHER D.10X45	3	
23	90167700	OIL SEAL D.36X47X7	3	
22	90166800	OIL SEAL D.35X52X7	1	
21	70150022	BEARING COVER (PTO SIDE)	1	
20	91490000	KEY 8h9X7X70 UNI 6604/A	1	
19	70020635	CRANKSHAFT C.26	1	
18	99312300	CONN.ROD BOLT M8X1X42	6	
17	98200500	PLUG D. 15	5	
16	90394200	OR D.190.17X2.62 NBR 70SH	1	
15	70160622	CRANKCASE COVER KT	1	

Illustration Male shaft (key) - GAS

Pos.	Code	Description	Qty	Notes
14	90360400	O-RING 25,12X1,78 (2100)	1	
13	72210695	DIP STICK TUBE	1	
12	98211500	OIL DIPSTICK D.21,5X70	1	
11	98210050	PLUG G3/8x13 TE22	1	
10	90383300	O-RING 13,95X2,62 (3056)	1	
9	99185400	SCREW M6X16 UNI 5931 8.8 Z.	20	
8	70150122	BEARING COVER (OIL GLASS SIDE)	1	
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (ZJ45)	1	
4	70220381	SHIM 0.25 MM.	1	
4	70220081	SHIM 0.1 MM.	1	
3	90391500	O-RING D. 80.6X2.62 (3318)	2	
2	91847700	TAPER ROLLER BEARING 33207/Q	2	
1	70010022	CRANKCASE	1	

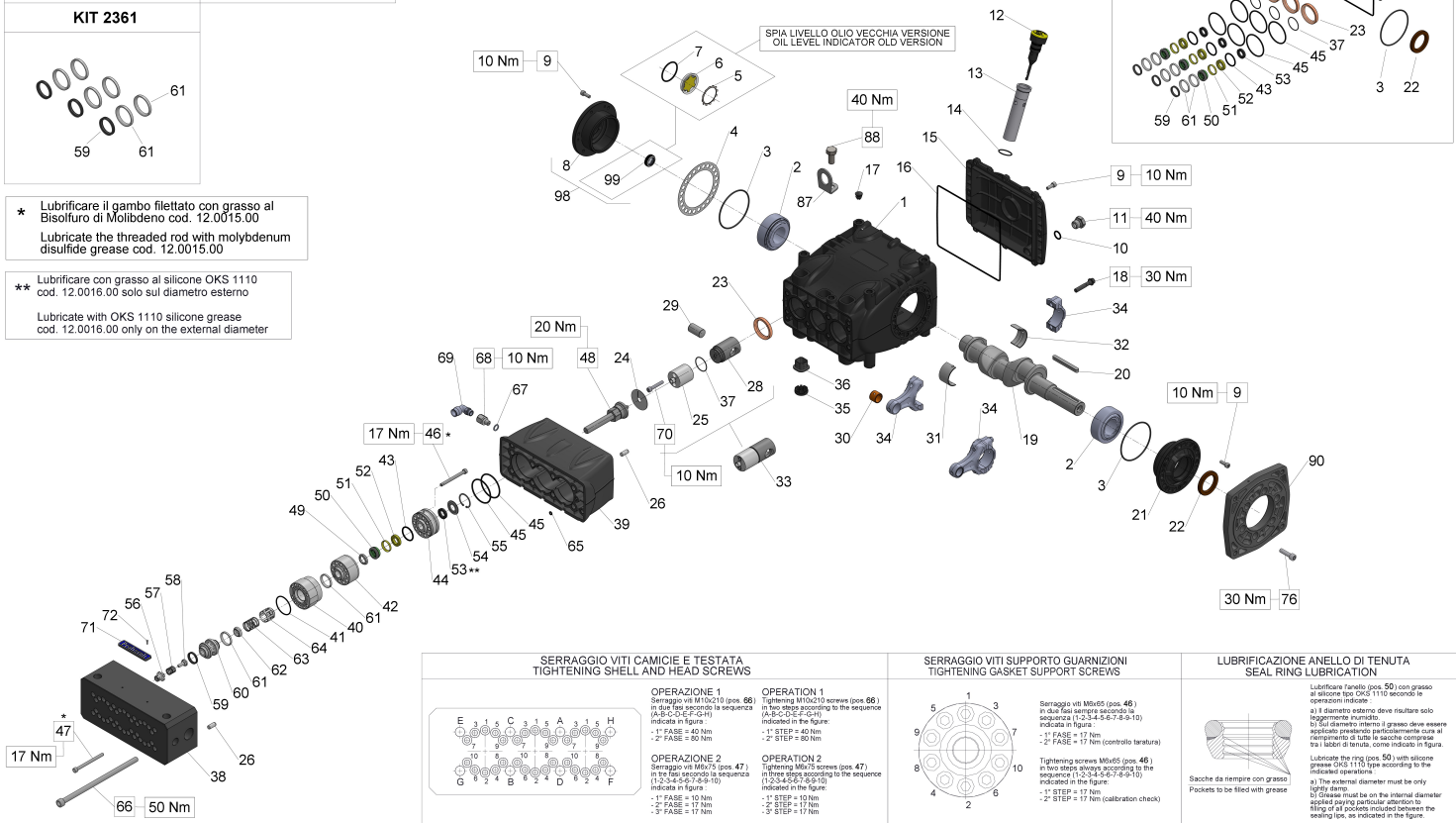
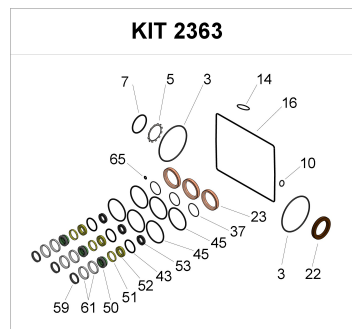
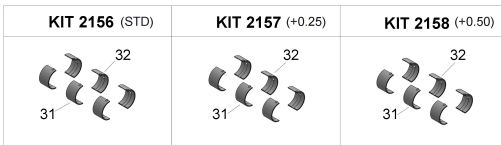
Illustration Male shaft (key) - GAS + flange A - GAS



* Lubrificare il gambo filettato con grasso al Bisolfuro di Molibdeno cod. 12.0015.00
Lubricate the threaded rod with molybdenum disulfide grease cod. 12.0015.00

★★ Lubrificare con grasso al silicone OKS 1110
cod. 12.0016.00 solo sul diametro esterno

Lubricate with OKS 1110 silicone grease
cod. 12.0016.00 only on the external diameter



SERRAGGIO VITI CAMICIE E TESTATA
TIGHTENING SHELL AND HEAD SCREWS

OPERAZIONE 1
Serraggio viti M10x210 (pos. 66)
in due fasi secondo la sequenza
A-B-C-D-E-H-F-G-I
indicata in figura:
- 1° FASE = 40 Nm
- 2° FASE = 80 Nm

OPERAZIONE 2
Serraggio viti M6x75 (pos. 47)
in tre fasi secondo la sequenza
1-2-3-4-5-6-7-8-9-10
indicata in figura:
- 1° FASE = 10 Nm
- 2° FASE = 17 Nm
- 3° FASE = 17 Nm

OPERATION 1
Tightening M10x210 screws (pos. 66)
in two steps according to the sequence
A-B-C-D-E-H-F-G-I
indicated in the figure:
- 1° STEP = 40 Nm
- 2° STEP = 80 Nm

OPERATION 2
Tightening M6x75 screws (pos. 47)
in three steps according to the sequence
1-2-3-4-5-6-7-8-9-10
indicated in the figure:
- 1° STEP = 10 Nm
- 2° STEP = 17 Nm
- 3° STEP = 17 Nm

SERRAGGIO VITI SUPPORTO GUARNIZIONI
TIGHTENING GASKET SUPPORT SCREWS

Serraggio viti M6x65 (pos. **46**)
in due fasi sempre secondo la
sequenza (1-2-3-4-5-6-7-8-9-10)
indicata in figura:

- 1° FASE = 17 Nm
- 2° FASE = 17 Nm (controllo taratura)

Tightening screws M6x65 (pos. **46**)
in two steps always according to the
sequence (1-2-3-4-5-6-7-8-9-10)
indicated in the figure:

- 1° STEP = 17 Nm
- 2° STEP = 17 Nm (calibration check)

LUBRIFICAZIONE ANELLO DI TENUTA
SEAL RING LUBRICATION

Lubrificare l'anello (pos. 50) con grasso al silicone tipo OKS 11110 secondo le operazioni indicate:

- a) Il diametro esterno deve risultare solo leggermente umido.
- b) Su il diametro interno il grasso deve essere applicato prestando particolare cura al riempimento di tutte le sacche comprese tra i labbri di tenuta, come indicato in figura.

Lubricate the ring (pos. 50) with silicone grease OKS 11110 type according to the indicated operations:

- a) The external diameter must be only lightly damp.
- b) Grease must be on the internal diameter applied paying particular attention to filling of pockets included between the sealing lips, as indicated in the figure.

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

Pos.	Code	Description	Qty	Notes
KIT2364	34236401		1	
KIT2363	34236301		1	
KIT2361	34236101		1	
KIT2360	34236001		1	
KIT2158	34215801	KIT 2158*CONROD BUSHINGS +0,50	1	
KIT2157	34215701	KIT 2157*CONROD BUSHINGS +0,25	1	
KIT2156	34215601	KIT 2156*CONROD BUSHING	1	
99	97595000		1	
98	70150101		1	
90	10067320	FLANGE FOR HYDRAULIC MOTOR1 KE TYPE A	1	
88	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
87	71223074	STAFFA DI SOLLEVAMENTO	1	
76	99308400	SCREW M 8x30 UNI 5931	6	
72	91570300		1	
71	97827500		1	
70	99192500	SCREW M06X35 5931 A2-70	6	
69	96416000		1	
68	71223566		1	
67	96710000		1	
66	99386800		8	
65	90366300		1	
64	36215405		3	
63	94749100		3	
62	36215366		3	
61	93186800		6	
60	36215266		3	
59	93186000		3	
58	36215666		3	
57	94740750		3	
56	36215570		3	
55	90067200		3	
54	71216866		3	
53	90260400		3	
52	71211470		3	
51	71224668		3	
50	90260600		3	
49	70100560		3	
48	70041702		3	
47	99199800		30	

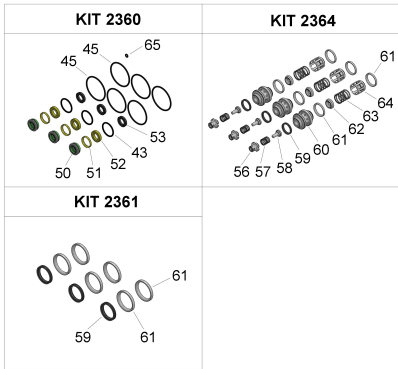
Illustration Male shaft (key) - GAS + flange A - GAS

Pos.	Code	Description	Qty	Notes
46	99199500		30	
45	90388900		6	
44	70226356		3	
43	90386100		3	
42	70226456		3	
41	90370200		3	
40	70060656		3	
39	70226520		1	
38	70127456		1	
37	90352800	O-RING D. 29.00x1.50 NBR 70SH 3		
36	70222551	CRANKCASE PLUG	6	
35	71225951	PLUG CAP	3	
34	70030501	CONNECTING ROD COMPLETE	3	
33	70606801	PISTON GUIDE ASSY	3	
32	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
32	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
32	90922300	LOWER HALF CONROD BUSHING (BIG END) S.70	3	
31	90922000	UPPER HALF CONROD BUSHING (BIG END) S.70	3	
31	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
31	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
30	90910000	CONROD BUSHING (SMALL END) S.70	3	
29	97742000	GUIDEON PIN D.18X36	3	
28	70050115	PISTON GUIDE T.N.	3	
26	97618500		4	
25	70050266	PISTON GUIDE ROD	3	
24	96709900	WASHER D.10X45	3	
23	90167700	OIL SEAL D.36X47X7	3	
22	90166800	OIL SEAL D.35X52X7	1	
21	70150022	BEARING COVER (PTO SIDE)	1	
20	91490000	KEY 8h9X7X70 UNI 6604/A	1	
19	70020635	CRANKSHAFT C.26	1	
18	99312300	CONN.ROD BOLT M8X1X42	6	
17	98200500	PLUG D. 15	5	
16	90394200	OR D.190.17X2.62 NBR 70SH	1	

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

Pos.	Code	Description	Qty	Notes
15	70160622	CRANKCASE COVER KT	1	
14	90360400	O-RING 25,12X1,78 (2100)	1	
13	72210695	DIP STICK TUBE	1	
12	98211500	OIL DIPSTICK D.21,5X70	1	
11	98210050	PLUG G3/8x13 TE22	1	
10	90383300	O-RING 13,95X2,62 (3056)	1	
9	99185400	SCREW M6X16 UNI 5931 8.8 Z.	20	
8	70150122	BEARING COVER (OIL GLASS SIDE)	1	
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (ZJ45)	1	
4	70220381	SHIM 0.25 MM.	1	
4	70220081	SHIM 0.1 MM.	1	
3	90391500	O-RING D. 80.6X2.62 (3318)	2	
2	91847700	TAPER ROLLER BEARING 33207/Q	2	
1	70010022	CRANKCASE	1	

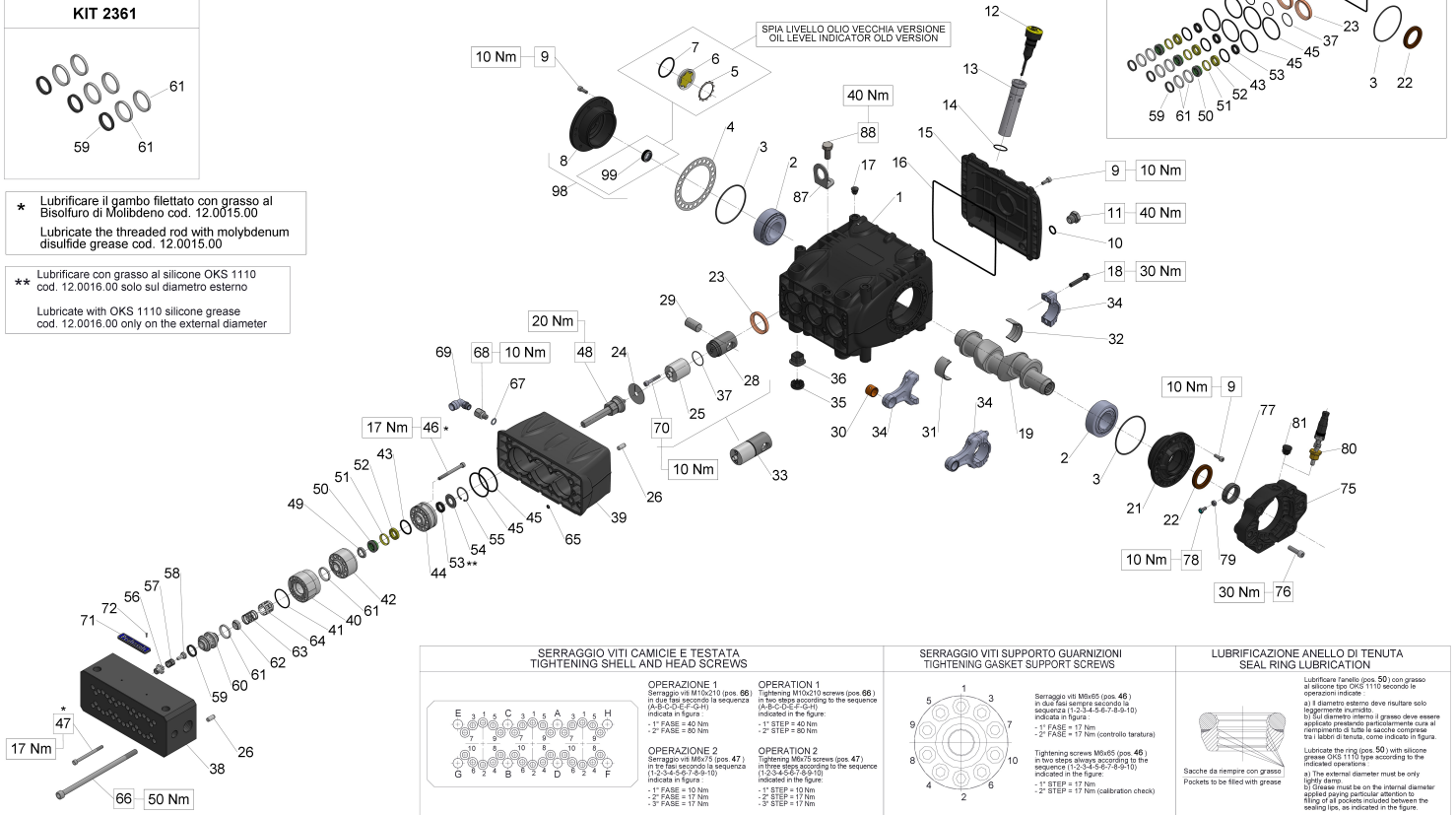
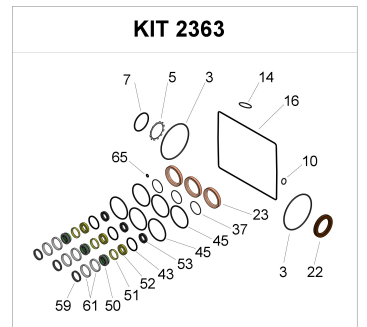
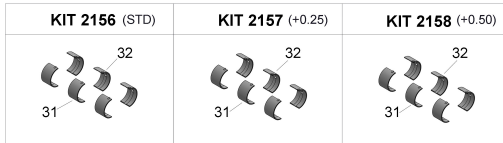
Illustration Hollow shaft (spline) + SAE B flange - GAS



* Lubrificare il gambo filettato con grasso al Bisolfuro di Molibdeno cod. 12.0015.00
Lubricate the threaded rod with molybdenum disulfide grease cod. 12.0015.00

**** Lubrificare con grasso al silicone OKS 1110
cod. 12.0016.00 solo sul diametro esterno**

**Lubricate with OKS 1110 silicone grease
cod. 12.0016.00 only on the external diameter**



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

Pos.	Code	Description	Qty	Notes
KIT2364	34236401		1	
KIT2363	34236301		1	
KIT2361	34236101		1	
KIT2360	34236001		1	
KIT2158	34215801	KIT 2158*CONROD BUSHINGS +0,50	1	
KIT2157	34215701	KIT 2157*CONROD BUSHINGS +0,25	1	
KIT2156	34215601	KIT 2156*CONROD BUSHING	1	
99	97595000		1	
98	70150101		1	
88	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
87	71223074	STAFFA DI SOLLEVAMENTO	1	
81	90206500	PLUG FOR BORE D.17 - TTN19	1	
80	ZRPM1	ZRPM1	1	
79	92202500	NUT M6 UNI 5588 6S	1	
78	70227034	VITE M6X12 CON INCAVO COMPLETA	1	
77	70226771	ANELLO PER ALBERO D.30 H.PACK	1	
76	99308400	SCREW M 8x30 UNI 5931	6	
75	10085322	FLANGE FOR HYDRAULIC MOTOR1 SAE-B S.70		
72	91570300		1	
71	97827500		1	
70	99192500	SCREW M06X35 5931 A2-70	6	
69	96416000		1	
68	71223566		1	
67	96710000		1	
66	99386800		8	
65	90366300		1	
64	36215405		3	
63	94749100		3	
62	36215366		3	
61	93186800		6	
60	36215266		3	
59	93186000		3	
58	36215666		3	
57	94740750		3	
56	36215570		3	
55	90067200		3	
54	71216866		3	

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

Pos.	Code	Description	Qty	Notes
53	90260400		3	
52	71211470		3	
51	71224668		3	
50	90260600		3	
49	70100560		3	
48	70041702		3	
47	99199800		30	
46	99199500		30	
45	90388900		6	
44	70226356		3	
43	90386100		3	
42	70226456		3	
41	90370200		3	
40	70060656		3	
39	70226520		1	
38	70127456		1	
37	90352800	O-RING D. 29.00x1.50 NBR 70SH	3	
36	70222551	CRANKCASE PLUG	6	
35	71225951	PLUG CAP	3	
34	70030501	CONNECTING ROD COMPLETE	3	
33	70606801	PISTON GUIDE ASSY	3	
32	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
32	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
32	90922300	LOWER HALF CONROD BUSHING (BIG END) S.70	3	
31	90922000	UPPER HALF CONROD BUSHING (BIG END) S.70	3	
31	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
31	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
30	90910000	CONROD BUSHING (SMALL END) S.70	3	
29	97742000	GUIDEON PIN D.18X36	3	
28	70050115	PISTON GUIDE T.N.	3	
26	97618500		4	
25	70050266	PISTON GUIDE ROD	3	
24	96709900	WASHER D.10X45	3	
23	90167700	OIL SEAL D.36X47X7	3	

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

Pos.	Code	Description	Qty	Notes
22	90166800	OIL SEAL D.35X52X7	1	
21	70150022	BEARING COVER (PTO SIDE)	1	
19	70020935	CRANKSHAFT C.26 HYP SAE-B	1	
18	99312300	CONN.ROD BOLT M8X1X42	6	
17	98200500	PLUG D. 15	5	
16	90394200	OR D.190.17X2.62 NBR 70SH	1	
15	70160622	CRANKCASE COVER KT	1	
14	90360400	O-RING 25,12X1,78 (2100)	1	
13	72210695	DIP STICK TUBE	1	
12	98211500	OIL DIPSTICK D.21,5X70	1	
11	98210050	PLUG G3/8x13 TE22	1	
10	90383300	O-RING 13,95X2,62 (3056)	1	
9	99185400	SCREW M6X16 UNI 5931 8.8 Z.	20	
8	70150122	BEARING COVER (OIL GLASS SIDE)	1	
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (ZJ45)	1	
4	70220381	SHIM 0.25 MM.	1	
4	70220081	SHIM 0.1 MM.	1	
3	90391500	O-RING D. 80.6X2.62 (3318)	2	
2	91847700	TAPER ROLLER BEARING 33207/Q	2	
1	70010022	CRANKCASE	1	

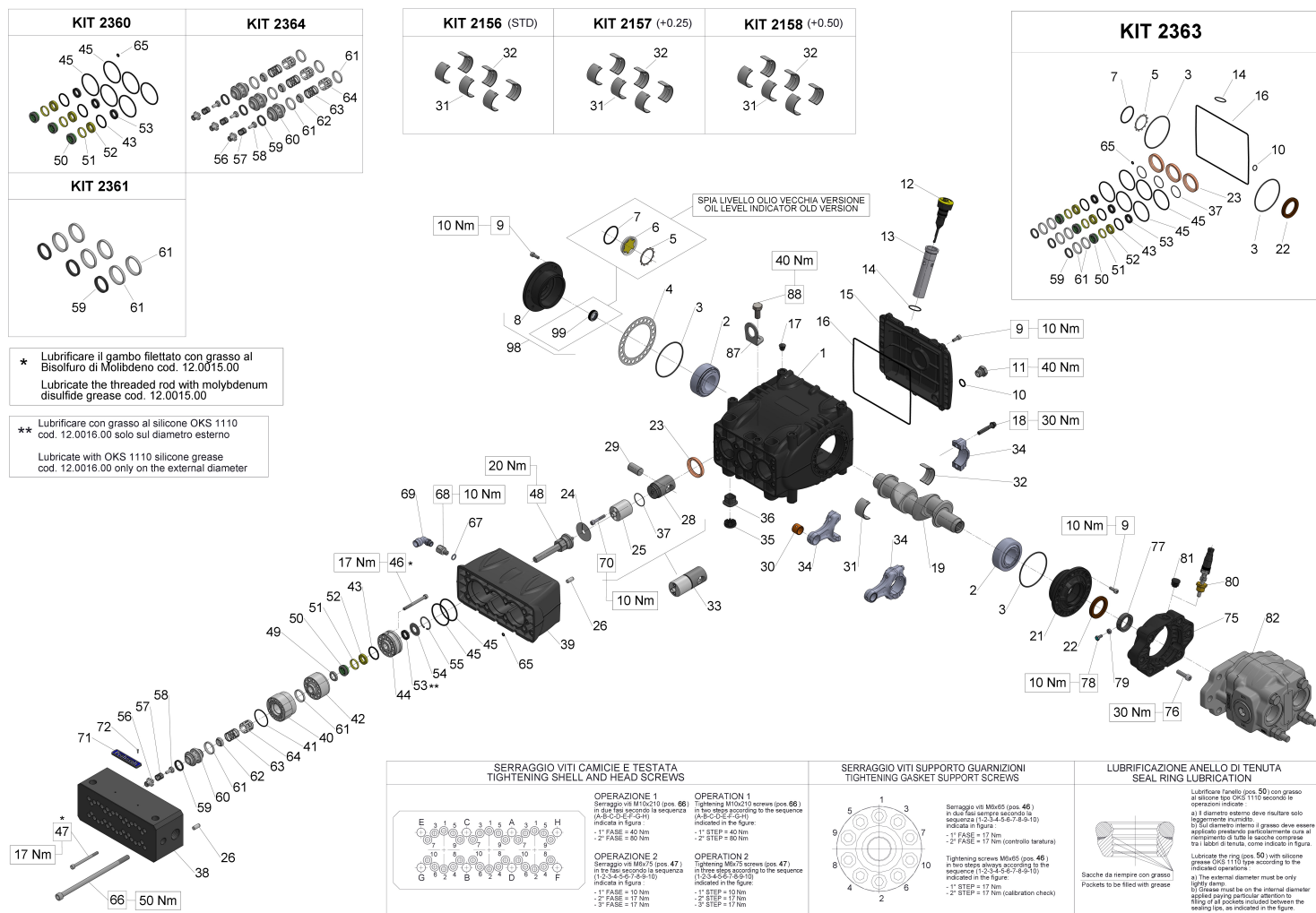


Illustration Hy-Pack versione - GAS + gear motor 48cc

Pos.	Code	Description	Qty	Notes
KIT2364	34236401		1	
KIT2363	34236301		1	
KIT2361	34236101		1	
KIT2360	34236001		1	
KIT2158	34215801	KIT 2158*CONROD BUSHINGS +0,50	1	
KIT2157	34215701	KIT 2157*CONROD BUSHINGS +0,25	1	
KIT2156	34215601	KIT 2156*CONROD BUSHING	1	
99	97595000		1	
98	70150101		1	
88	99426600	VITE TE M12X25-UNI5739 ZINC.	1	
87	71223074	STAFFA DI SOLLEVAMENTO	1	
82	95115000	GEAR MOTOR 048R / S-B SCA / S1		
81	90206500	PLUG FOR BORE D.17 - TTN19	1	
80	ZRPM1	ZRPM1	1	
79	92202500	NUT M6 UNI 5588 6S	1	
78	70227034	VITE M6X12 CON INCAVO COMPLETA	1	
77	70226771	ANELLO PER ALBERO D.30 H.PACK	1	
76	99308400	SCREW M 8x30 UNI 5931	6	
75	10085322	FLANGE FOR HYDRAULIC MOTOR1 SAE-B S.70		
72	91570300		1	
71	97827500		1	
70	99192500	SCREW M06X35 5931 A2-70	6	
69	96416000		1	
68	71223566		1	
67	96710000		1	
66	99386800		8	
65	90366300		1	
64	36215405		3	
63	94749100		3	
62	36215366		3	
61	93186800		6	
60	36215266		3	
59	93186000		3	
58	36215666		3	
57	94740750		3	
56	36215570		3	

Illustration Hy-Pack versione - GAS + gear motor 48cc

Pos.	Code	Description	Qty	Notes
55	90067200		3	
54	71216866		3	
53	90260400		3	
52	71211470		3	
51	71224668		3	
50	90260600		3	
49	70100560		3	
48	70041702		3	
47	99199800		30	
46	99199500		30	
45	90388900		6	
44	70226356		3	
43	90386100		3	
42	70226456		3	
41	90370200		3	
40	70060656		3	
39	70226520		1	
38	70127456		1	
37	90352800	O-RING D. 29.00x1.50 NBR 70SH 3		
36	70222551	CRANKCASE PLUG	6	
35	71225951	PLUG CAP	3	
34	70030501	CONNECTING ROD COMPLETE	3	
33	70606801	PISTON GUIDE ASSY	3	
32	90922200	UPPER HALF CONROD BUSHING +0.5 (BIG END) S.70	3	
32	90922100	UPPER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
32	90922300	LOWER HALF CONROD BUSHING (BIG END) S.70	3	
31	90922000	UPPER HALF CONROD BUSHING (BIG END) S.70	3	
31	90922500	LOWER HALF CONROD BUSHING +0.50 (BIG END) S.70	3	
31	90922400	LOWER HALF CONROD BUSHING +0.25 (BIG END) S.70	3	
30	90910000	CONROD BUSHING (SMALL END) S.70	3	
29	97742000	GUDGEON PIN D.18X36	3	
28	70050115	PISTON GUIDE T.N.	3	
26	97618500		4	
25	70050266	PISTON GUIDE ROD	3	

Illustration Hy-Pack versione - GAS + gear motor 48cc

Pos.	Code	Description	Qty	Notes
24	96709900	WASHER D.10X45	3	
23	90167700	OIL SEAL D.36X47X7	3	
22	90166800	OIL SEAL D.35X52X7	1	
21	70150022	BEARING COVER (PTO SIDE)	1	
19	70020935	CRANKSHAFT C.26 HYP SAE-B	1	
18	99312300	CONN.ROD BOLT M8X1X42	6	
17	98200500	PLUG D. 15	5	
16	90394200	OR D.190.17X2.62 NBR 70SH	1	
15	70160622	CRANKCASE COVER KT	1	
14	90360400	O-RING 25,12X1,78 (2100)	1	
13	72210695	DIP STICK TUBE	1	
12	98211500	OIL DIPSTICK D.21,5X70	1	
11	98210050	PLUG G3/8x13 TE22	1	
10	90383300	O-RING 13,95X2,62 (3056)	1	
9	99185400	SCREW M6X16 UNI 5931 8.8 Z.	20	
8	70150122	BEARING COVER (OIL GLASS SIDE)	1	
7	90387700	O-RING 39,34X2,62 (3156)	1	
6	70211801	OIL SIGHT GLASS	1	
5	90075600	CIRCLIP D.45 (Z145)	1	
4	70220381	SHIM 0.25 MM.	1	
4	70220081	SHIM 0.1 MM.	1	
3	90391500	O-RING D. 80.6X2.62 (3318)	2	
2	91847700	TAPER ROLLER BEARING 33207/Q	2	
1	70010022	CRANKCASE	1	

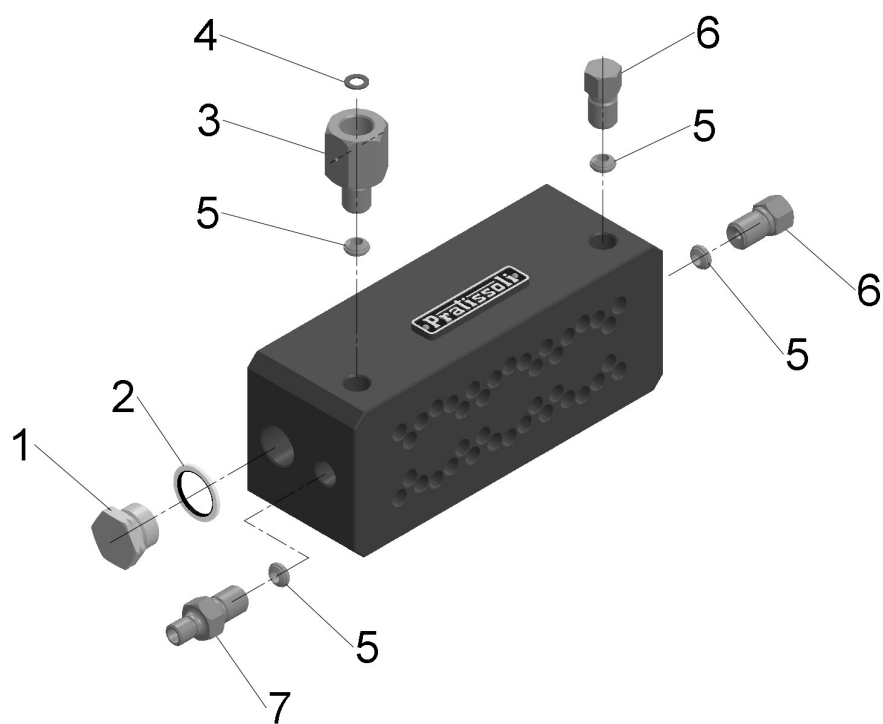


Illustration Fittings KIT

Pos.	Code	Description	Qty	Notes
7	95272800		1	
7	95272500		1	
7	95263200		1	
7	95263000		1	
6	98208900		2	
5	93185700		4	
4	872040100		1	
3	95262500		1	
2	93198000		1	
1	98226600	PLUG G3/4X16 S.S.	1	