



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

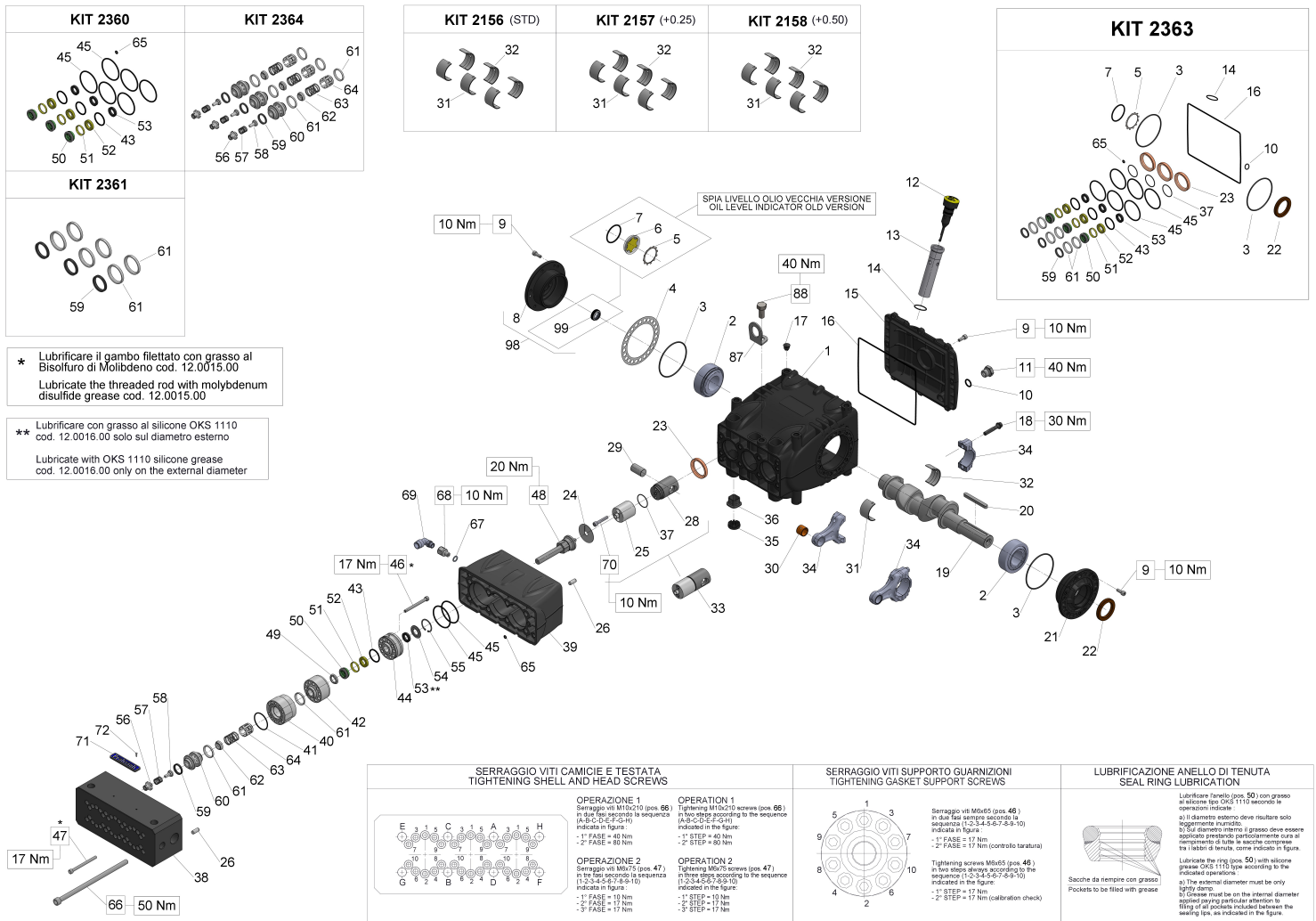


Illustration Male shaft (key) - GAS

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	

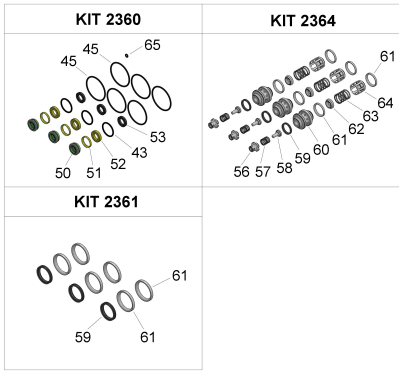
Illustration Male shaft (key) - GAS

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**

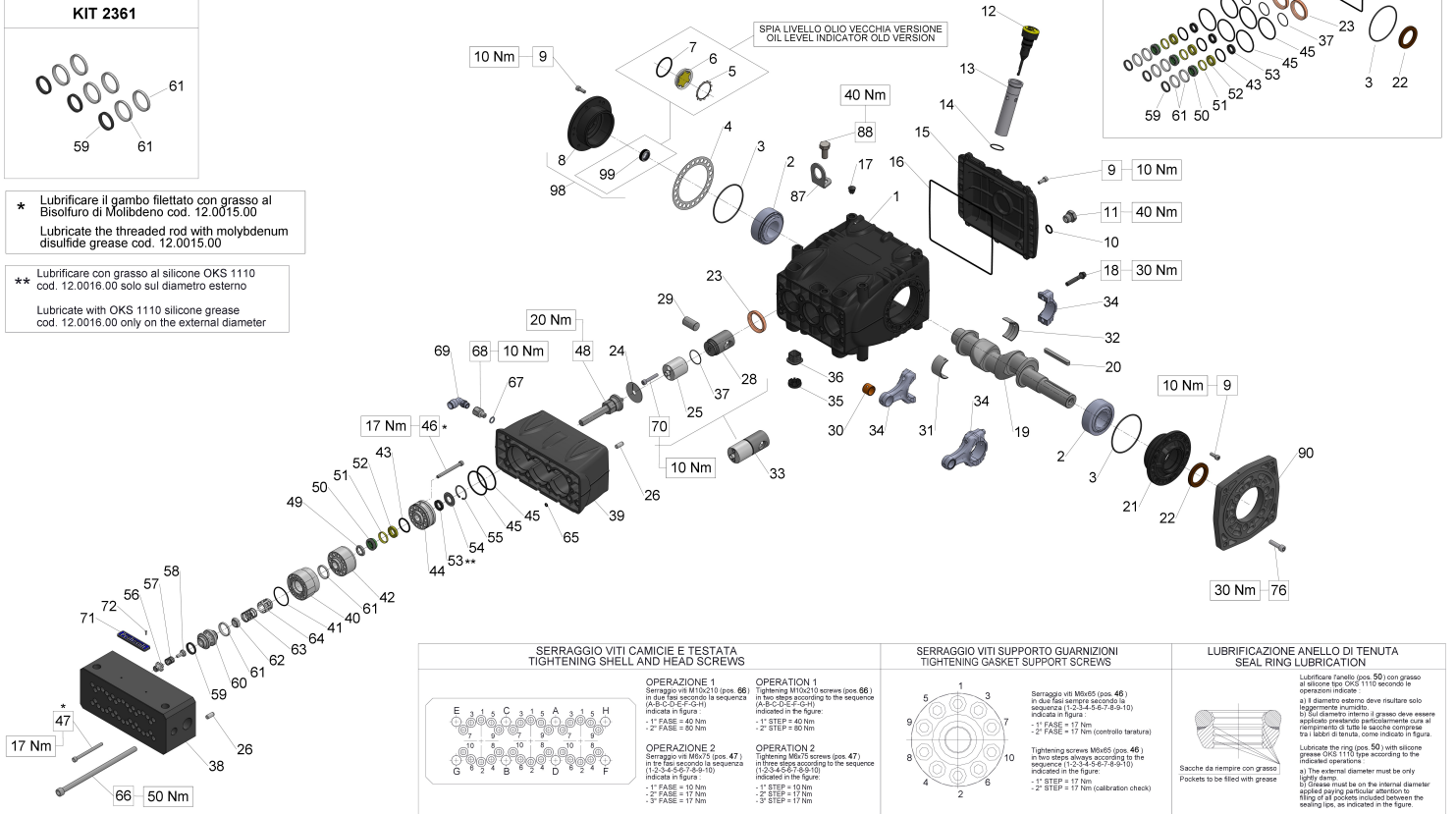
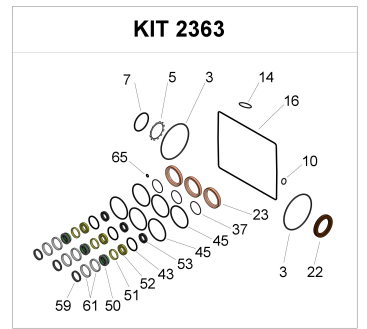
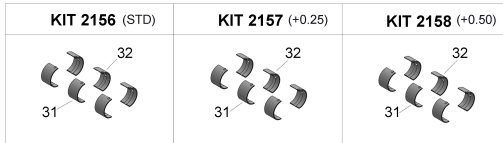


Illustration Male shaft (key) - GAS + flange A - GAS

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		
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	

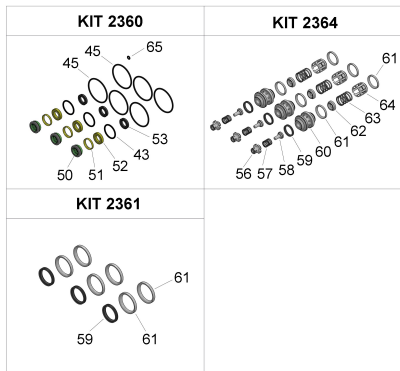
Illustration Male shaft (key) - GAS + flange A - GAS

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	

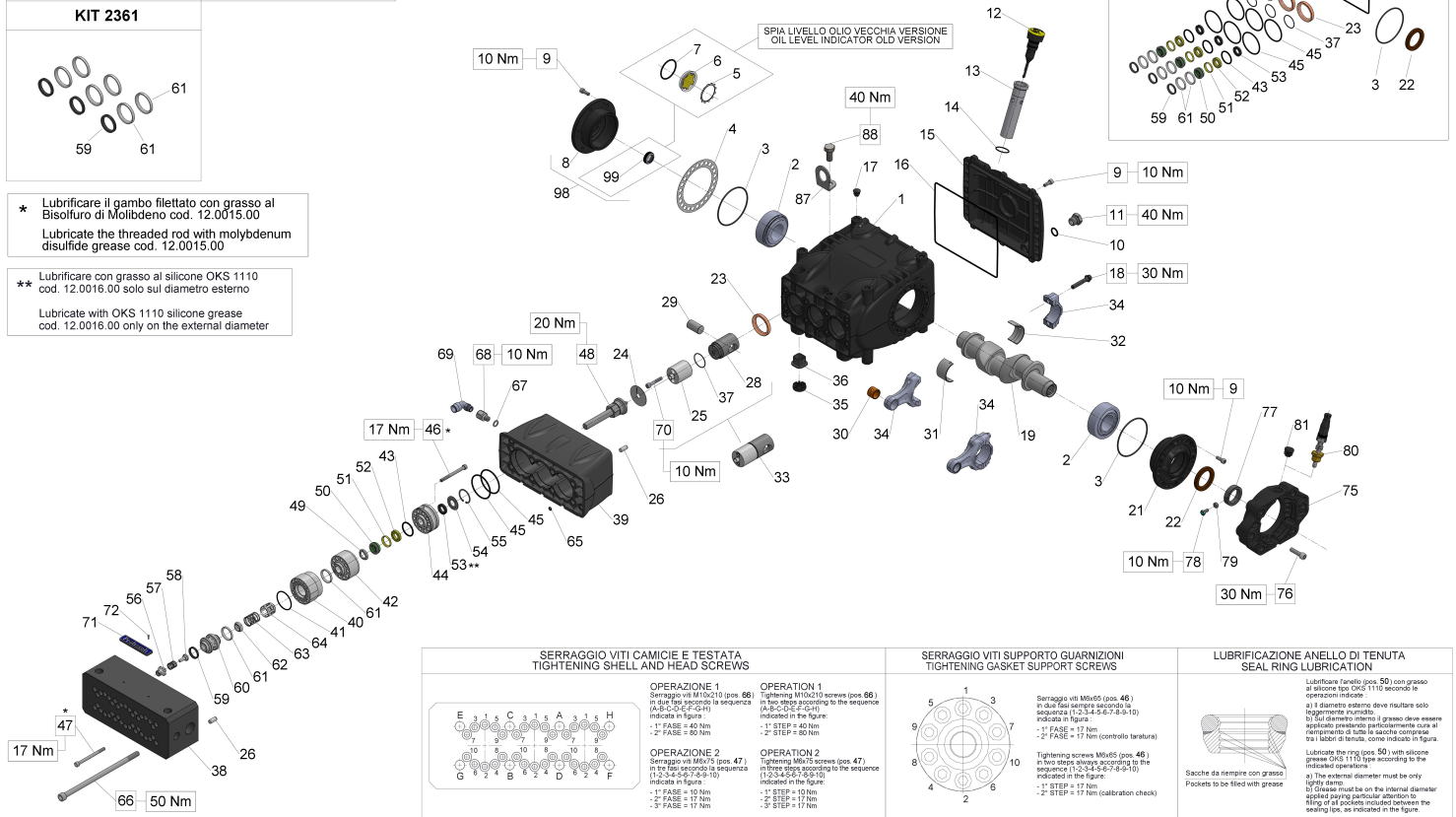
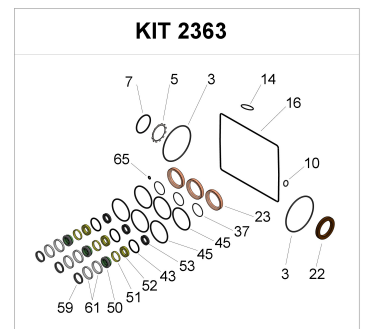
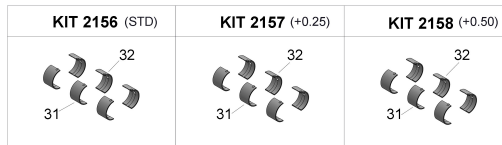
Illustration Hollow shaft (spline) + SAE B flange - GAS



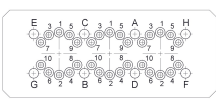
* Lubrificare il gambo filettato con grasso al Bisolfuro di Molibdeno cod. 12.0015.00
Lubricate the threaded rod with molybdenum disulfide grease cod. 12.0015.00

****** 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



SERRAGGIO VITI CAMICIE E TESTATA
TIGHTENING SHELL AND HEAD SCREWS



OPERAZIONE 1
 Serraggio vite M10x20 (pos. 66)
 in due fasi secondo la sequenza
 1-2-3-4-5-6-7-8-9-10
 indicata in figura:
 - 1° FASE = 40 Nm
 - 2° FASE = 50 Nm

OPERATION 1
 Tightening M10x20 screws (pos. 66)
 in two steps according to the sequence
 1-2-3-4-5-6-7-8-9-10
 indicated in the figure:
 - 1° STEP = 40 Nm
 - 2° STEP = 50 Nm

OPERAZIONE 2
 Serraggio vite 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 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 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 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 1110 secondo le operazioni indicate:

- a) Il diametro esterno deve risultare solo leggermente inumidito.
- b) Il diametro interno del 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 1110 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 fill all of all pockets included between the sealing lips, as indicated in the figure.

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	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	

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	

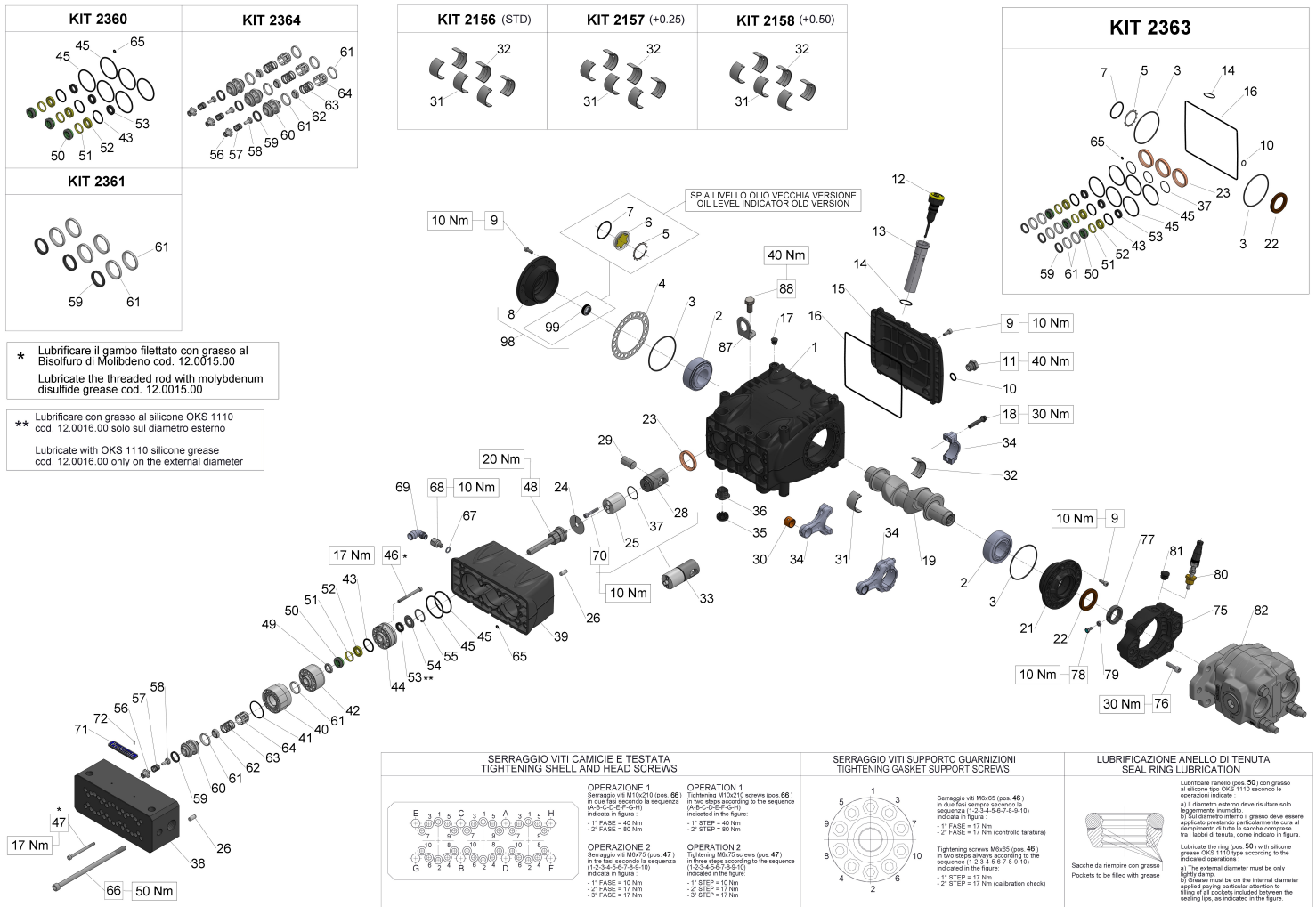


Illustration Hy-Pack versione - GAS + gear motor 48cc

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	

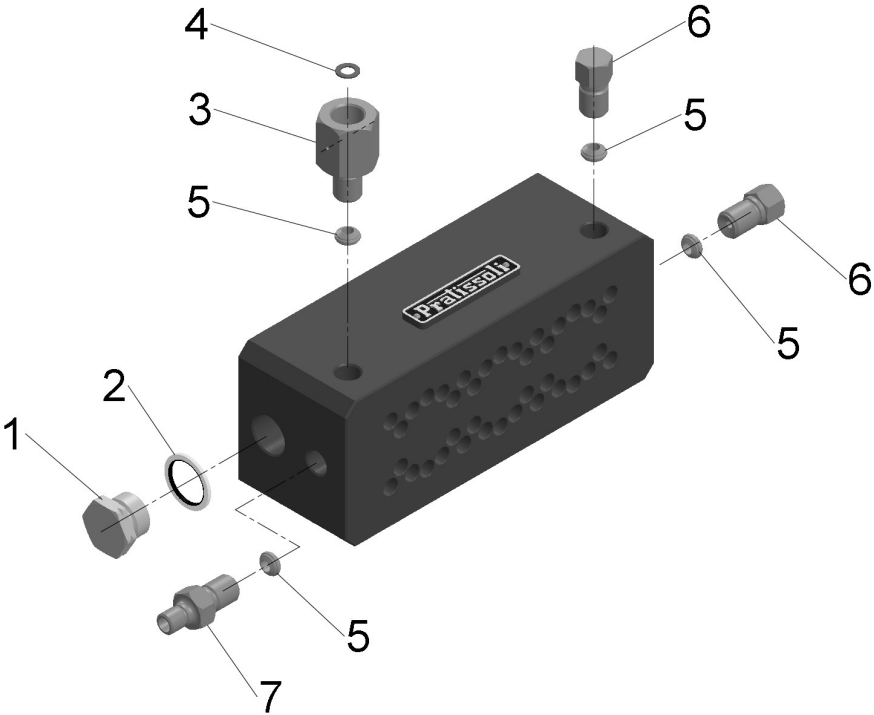


Illustration Fittings KIT

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	