

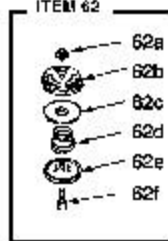
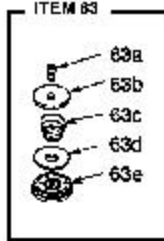
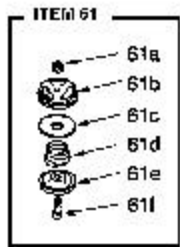
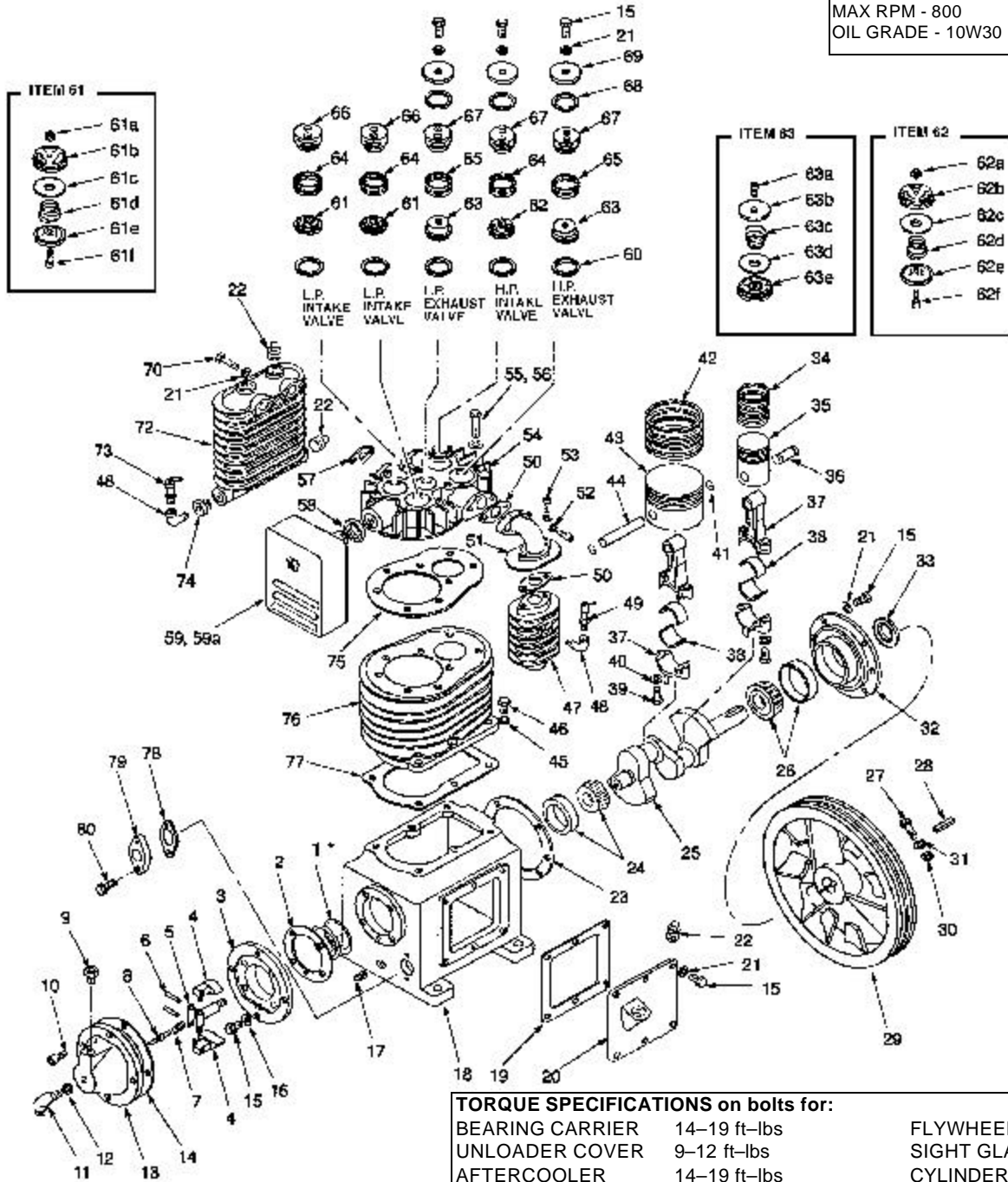
MODEL 040-0211

PARTS DRAWING DESSIN DES PIÈCES ESQUEMA DE LAS PIEZAS

PUMP SC23

PUMP SPECIFICATIONS

WEIGHT - 222 LBS
CAPACITY - 50 OZ.
MAX RPM - 800
OIL GRADE - 10W30



TORQUE SPECIFICATIONS on bolts for:

BEARING CARRIER	14-19 ft-lbs	FLYWHEEL	47-57 ft-lbs
UNLOADER COVER	9-12 ft-lbs	SIGHT GLASS	14-19 ft-lbs
AFTERCOOLER	14-19 ft-lbs	CYLINDER	19-27 ft-lbs
INTERCOOLER	14-19 ft-lbs	ROD	34-37 ft-lbs
VALVE RETAINERS	65-70 ft-lbs	HEAD	32-37 ft-lbs
VALVE COVER	14-19 ft-lbs	VALVE	9-12 ft-lbs

* End Play Specifications - .002 - .004

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PARTS LIST LISTE DE PIÈCES LISTA DE LAS PIEZAS

PUMP SC23

Item Art <u>Art</u>	Part No N° / P <u>Núm / P</u>	Qty Qté <u>Cant</u>	<u>Description</u>	<u>Description</u>	<u>Descripción</u>
1	046-0175 046-0176 046-0177	AR	Shim, bearing adj, .005 thick Shim, bearing adj, .010 thick Shim, bearing adj, .020 thick	Cale	Calzo
2	046-0227	1	Gasket, adapter plate	Joint	Empaquetadura
3	077-0070	1	Plate, adapter, centrif. unloader...	Plaque	Placa
4	096-0009	2	Weight.....	Poids	Peso
5	114-0112	1	Holder, weight	Manche	Soporte
6	107-0015	2	Pin	Goupille.....	Pasador
7	055-0051	1	Spring.....	Ressort	Resorte
8	078-0011	1	Plunger.....	Piston.....	Embolo
9	056-0018	1	Breather, crankcase.....	Reniflard	Respiradero
10	059-0156	4	Bolt, M6 x 20 mm lg	Boulon.....	Perno
11	031-0057	1	Valve, air, w/valve core	Soupape	Válvula
12	058-0084	1	Nut, brass, M10.....	Écrou	Tuerca
13	077-0071	1	Housing, centrifugal unloader	Corps	Compartimiento
14	046-0171	1	Gasket.....	Joint	Empaquetadura
15	059-0166	21	Bolt, M8 x 20 mm lg	Boulon.....	Perno
16	060-0070	4	Washer, lock, 8 mm	Rondelle.....	Arandela
17	062-0004	1	Plug, oil drain	Bouchon.....	Tapón
18	049-0027	1	Crankcase.....	Carter	Cárter
19	046-0169	1	Gasket, side cover.....	Joint	Empaquetadura
20	077-0069	1	Cover, side	Couvercle.....	Tapa
21	060-0061	19	Washer, copper.52" O.D. x 32" I.D.	Rondelle.....	Arandela
22	062-0006	4	Plug, pipe, 3/4" NPT.....	Bouchon.....	Tapón
23	046-0168	1	Gasket, front cover.....	Joint	Empaquetadura
24	051-0054	1	Bearing set, rear	Jeu de roulements	Conjunto de cojinete
25	053-0051	1	Crankshaft.....	Vilebrequin	Cigüeñal
26	051-0053	1	Bearing set, front.....	Jeu de roulements	Conjunto de cojinet
27**	059-0163	1	Bolt, M16 x 80mm long	Boulon.....	Perno
28**	146-0015	1	Key, flywheel	Cle	Chaveta
29**	044-0037	1	Flywheel, 16 7/8" O.D.	Volant-moteur	Volante
30**	058-0086	1	Nut, M16	Écrou	Tuerca
31**	060-0069	1	Washer, lock, 16mm	Rondelle.....	Arandela
32	045-0044	1	Bearing carrier, front.....	Support, roulement.....	Portador, cojinete
33	046-0179	1	Seal, shaft	Joint	Sello
34	054-0178	1	Ring set, high pressure	Jeu de segment.....	Juego de anillos
35	048-0081	1	Piston, high pressure	Piston.....	Pistón
36	052-0028	1	Pin, wrist, high pressure	Goupille.....	Pasador
37	047-0054	2	Rod, connecting.....	Tige	Varilla
38	051-0055	2 pr.	Insert, bearing	Pièce rapportée	Inserto
39	059-0154	4	Bolt, rod, M10 x 45 mm lg.....	Boulon.....	Perno
40	060-0072	4	Washer, lock 10 mm	Rondelle.....	Arandela
41	054-0119	2	Retaining ring.....	Anneau de retenue	Anillo retenedor
42	054-0179	1	Ring set, low pressure	Jeu de segment.....	Juego de anillos
43	048-0054	1	Piston, low pressure.....	Piston.....	Pistón
44	052-0027	1	Pin, wrist, low pressure	Goupille.....	Pasador
45	060-0063	6	Washer, copper, .66 O.D. x .41 I.D.	Rondelle.....	Arandela
46	059-0159	6	Bolt, cylinder M10 x 30 mm lg.....	Boulon.....	Perno
47	082-0014	1	Aftercooler.....	Refroidisseur supplémentaire	Postrefrigerador
48	064-0022	2	Elbow, 90° street, 1/4".....	Coude	Codo
49	136-0047	1	Valve, pressure relief, 225 PSI	Soupape	Válvula

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Item Art <u>Art</u>	Part No Nº / P <u>Núm / P</u>	Qty Qté <u>Cant</u>	<u>Description</u>	<u>Description</u>	<u>Descripción</u>
50	046-0172	2	Gasket, manifold, aftercooler	Joint	Empaquetadura
51	083-0009	1	Elbow, manifold, aftercooler.....	Coude	Codo
52	060-0070	4	Washer, lock, 8 mm	Rondelle.....	Arandela
53	059-0158	4	Bolt, manifold, M8 x 25 mm lg.....	Boulon.....	Perno
54	042-0055	1	Head, cylinder	Tête.....	Cabeza
55	059-0167	8	Bolt, head, M12 x 70 mm lg	Boulon.....	Perno
56	060-0105	8	Washer, M12.....	Rondelle.....	Arandela
57	046-0173	2	Gasket, intercooler	Joint	Empaquetadura
58	058-0087	1	Nut, conduit, 1".....	Écrou	Tuerca
59	019-0097	1	Filter, cannister assy	Filtere	Filtro
59a	019-0023	1	includes item 59a Element, filter replacement	Élément.....	Elemento
60	060-0062	5	Washer, copper.....	Rondelle.....	Arandela
61	043-0098	2	Intake valve assy, low pressure ... includes items 61a-61f	Ensemble de la soupape d'admission	Conjunto de válvula de admisión
61a	-----	1	Nut, self-locking, hex jam.....	Écrou	Tuerca
61b	-----	1	Seat, valve	Siège	Asiento
61c	-----	1	Plate, valve	Plaque.....	Placa
61d	-----	1	Spring, valve	Ressort	Resorte
61e	-----	1	Guide, valve	Guide	Guía
61f	-----	1	Bolt, M6 x 20 mm lg	Boulon.....	Perno
62	043-0099	1	Intake valve assy, high pressure.. includes items 62a-62f	Ensemble de la soupape d'admission	Conjunto de válvula de admisión
62a	-----	1	Nut, self-locking, hex jam.....	Écrou	Tuerca
62b	-----	1	Seat, valve	Siège	Asiento
62c	-----	1	Plate, valve	Plaque.....	Place
62d	-----	1	Spring, valve	Ressort	Resorte
62e	-----	1	Guide, valve	Guide	Guía
62f	-----	1	Bolt, M6 x 20 mm lg	Boulon.....	Perno
63	043-0100	2	Exhaust valve assy, high & low.... includes items 63a-63e	Ensemble de soupape d'échappement	Conjunto de válvula de escape
63a	-----	1	Bolt, M6 x 12 mm lg	Boulon.....	Perno
63b	-----	1	Guide, valve	Guide	Guía
63c	-----	1	Spring, valve	Ressort	Resorte
63d	-----	1	Plate, valve	Plaque.....	Placa
63e	-----	1	Seat, valve	Siège	Asiento
64	043-0094	3	Spacer, intake valve.....	Entretoise.....	Espaciador
65	043-0095	2	Spacer, exhaust valve.....	Entretoise.....	Espaciador
66	058-0082	2	Retainer, valve, low pressure.....	Retenue	Retenedor
67	058-0083		Retainer, valve..... low pressure exhaust or high pressure intake and exhaust	Retenue	Retenedor
68	046-0174	3	Gasket, valve cover	Joint	Empaquetadura
69	077-0073	3	Cover, valve	Couvercle.....	Tapa
70	059-0157	4	Bolt, M8 x 90 mm lg	Boulon.....	Perno
71			N/A	N/A	N/A
72	082-0012	1	Intercooler	Refroidisseur intermédiaire	Enfriador intermedio
73	136-0046	1	Valve, pressure relief, 75 PSI	Soupape	Válvula
74	063-0006	1	Bushing, reducer.....	Bague	Buje
75	046-0166	1	Gasket, cylinder head.....	Joint	Empaquetadura

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Item Art Art	Part No N° / P Núm / P	Qty Qté Cant	Description	Description	Descripción
76	050-0030	1	Cylinder	Cylindre	Cilindro
77	046-0167	1	Gasket, cylinder/crankcase.....	Joint	Empaquetadura
78	046-0178	1	Gasket, sight glass flange	Joint	Empaquetadura
79	032-0031	1	Flange, w/sight glass	Bride	Brida
80	059-0153	2	Bolt, M8 x 30 mm lg	Boulon.....	Perno

AVAILABLE SERVICE KITS

Part No	Description	Description	Descripción
046-0183	Gaskets, complete set includes items 2, 14, 19, 23, 45 50, 57, 68, 75, 77, 78, washers 21, 45 and 60	Joints, jeu complet includ les éléments 2, 14, 19, 23, 45, 50, 57, 68, 75, 77, 78, rondelles 21, 45 et 60	Juntas, conjunto completo incluye los artículos 2, 14, 19, 23, 45, 50, 57, 68, 75, 77, 78, arandelas 21, 45 y 60
046-0184	Gaskets, valve set includes items 68, five washers item 60 and three washers item 21	Joints, jeu de soupape includ les éléments 68, cinq rondelles, les élément 60 et tres rondelles, les élément 21	Juntas, conjunto des válvula incluye los artículos 68, cinco arandelas, los artículo 60 y tres arandelas, los artículo 21
070-0020	Centrifugal unloader assy includes items 4-8	Ensemble de régulateur de pression centrifuge includ les éléments 4 - 8	Conjunto de descargador centrifugo incluye los artículos 4 - 8
165-0064	Overhaul kit includes items 046-0183, 33, 34, 38,42,61,62, and 63	Jeu de pièces de remise en état includ les éléments, 33, 34, 38 et 42	Juego de reparación general incluye los artículos 33, 34,38 y 42

****Items must be purchased separately when ordering the pump assembly, if needed.**

****Des elements doivent etre achetes seperately en commandant le pompe si necessaire.**

****Los items deben comprados seperately al pedir el ensamblaje de la bomba si estan necesitados.**