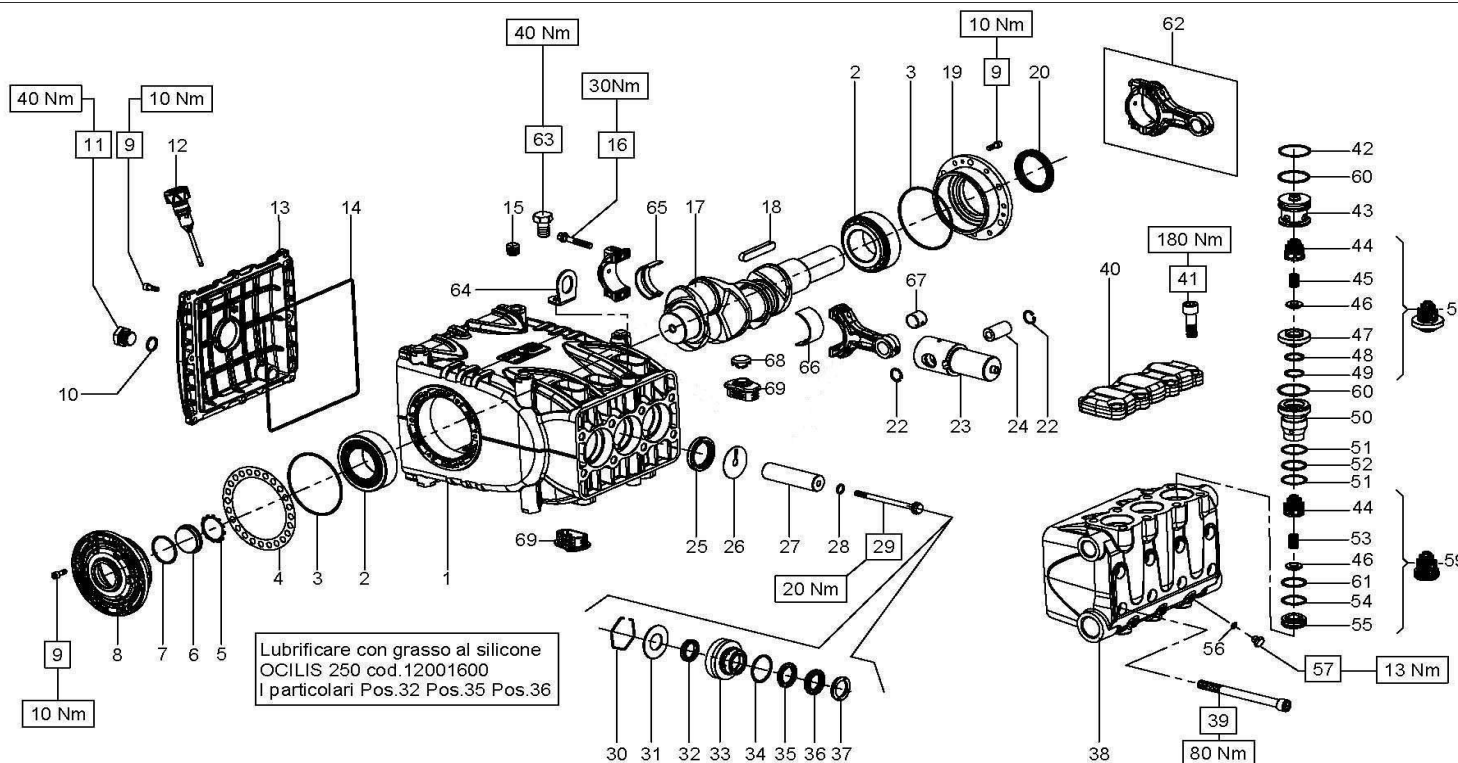
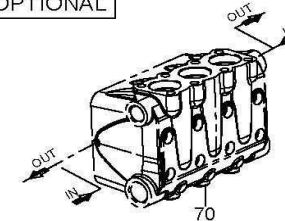




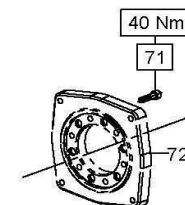
Sistema Flussaggio tenute

OPTIONAL



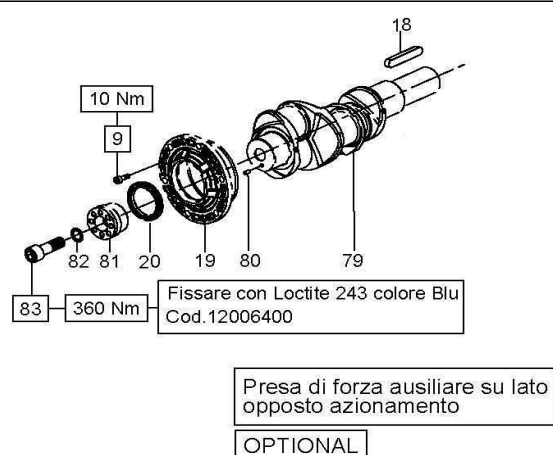
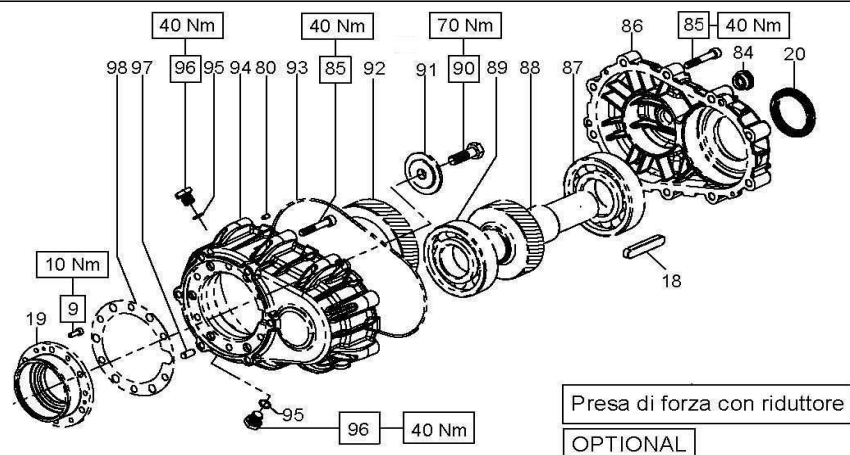
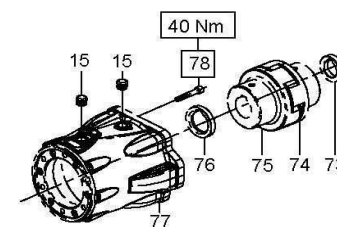
Flangia tipo "A" per azionamenti diretti

OPTIONAL



Campana e Giunto per accoppiamenti
a motori idraulici SAE C

OPTIONAL



HF

Repair Kits			HF18	HF20	HF22	HF25
A	Plunger packing kit	1 KIT per pump	KIT 2024	KIT 2071	KIT 2026	KIT 2028
B	Suction valves kit	1 KIT per pump	KIT 2031	KIT 2022		
C	Outlet valves kit	1 KIT per pump	KIT 2023			
D	Overhaul Kit	1 KIT per pump	KIT 2025	KIT 2072	KIT 2027	KIT 2029
E	Conrod bushing kit	1 KIT per pump	KIT 2135 (STD) - 2154 (+0,25) - 2155 (+0,50)			

Torque conversion			
10Nm	7.3ftlbs	50Nm	37 ftlbs
13Nm	9.5 ftlbs	70Nm	52 ftlbs
20Nm	14.8 ftlbs	80Nm	59 ftlbs
30Nm	22 ftlbs	180Nm	133 ftlbs
40Nm	29.5 ftlbs	360Nm	265 ftlbs

HF Series Pumps
HF18
HF20
HF22
HF25

Ref #	Part Number	DESCRIPTION	KIT	NR. PCS.	Ref #	Part Number	DESCRIPTION	KIT	NR. PCS.	Ref #	Part Number	DESCRIPTION	KIT	NR. PCS.
1	71.0100.22	Crankcase		1	35	90.2730.00	Restop Ring Ø 22x35x5,5/2	A-D	3	FLUSHING SYSTEM				
2	91.8590.00	Tapered Roller Bearing 33210		2		90.2748.00	Restop Ring Ø 25x38x5/2,1	A-D		70	/	FLUSHING pump head		1
3	90.3918.00	O-Ring Ø 94.92x2.62 NBR 70SH 3375	D	2		90.2686.00	Packing High Pressure Ø 18x32x7/4,5	A-D		WITH DIRECT DRIVE FLANGE				
4	71.2200.81	Shim 0.1 MM		1	36	90.2705.00	Packing High Pressure Ø 20x35x7,5/4,5	A-D	3	71	99.3098.00	Bolt M08X35 5931 12.9 G321		6
	71.2203.81	Shim 0.25 MM		1		90.2725.00	Packing High Pressure Ø 22x35x7/4,5	A-D		72	10.0677.20	Hydraulic mounting flange		1
5	90.0756.00	Sight glass retaining ring Ø 45 (ZJ45)	D	1		90.2749.00	Packing High Pressure Ø 25x38x7/4,6	A-D		SAE-C HYDR. MOTOR DRIVE				
6	70.2118.01	Sight glass		1	37	71.1000.51	Head Ring Ø 18	D	3	15	98.2060.00	Plug Ø 15 - TTN18		2
7	90.3877.00	O-Ring Ø 39.34x2.62 NBR 70SH 3156	D	1		70.1000.51	Head Ring Ø 20	D		73	10.0745.70	Spacer Ø 31.75 H.10.5		1
8	71.1501.22	Crankshaft cover (non-drive side)		1		70.1001.51	Head Ring Ø 22	D		74	10.0747.47	Flex Spider		1
9	99.1867.00	Screw M06X18 5931 8.8 ZINC		20		71.1001.51	Head Ring Ø 25	D		75	10.7428.01	coupling Ø 40x31.75		1
10	90.3841.00	O-Ring Ø 17.13x2.62 NBR 70SH 3068	D	1	38	71.1205.36	Head Ring Ø 18		1	76	10.0746.70	Spacer Ø 40 H.10		1
11	98.2187.00	Plug G1/2x13 ZINC		1		71.1240.36	Head RingØ 18 - NPT			77	10.0750.20	Hydraulic Bell Housing SAE-C		1
12	98.2120.00	Oil level dipstick Ø 21.5x91		1		71.1201.36	Head Ring Ø 22 (HF20 - HF22)			78	99.3146.00	Bolt M08X50 5931 12.9 G321		6
13	71.1600.22	Crankcase cover		1		71.1241.36	Head Ring Ø 22 - NPT (HF20 - HF22)			AUXILIARY PTO				
14	90.4000.00	O-Ring Ø 215.00x3.00 NBR 70SH	D	1		71.1202.36	Head Ring Ø 25			9	99.1867.00	Bolt M06X18 5931 8.8 ZINC		6
15	98.2060.00	Dust plug Ø 15 - TTN18		4		71.1242.36	Head Ring Ø 25 - NPT			18	91.5000.00	Drive Key 12h9x8x70 UNI 6604/A		1
16	99.3138.00	Connecting rod bolt M8x1x48		6	39	99.4480.00	Head Bolt M12x150 5931 12.9 G321A+M		8	19	71.1500.22	Crankshaft cover		1
17	71.0200.35	Crankshaft 50 mm stroke		1	40	71.2100.36	Check Valve cover Plate		1	20	90.1700.00	Oil Seal Ø 50x65x8 VITON		1
18	91.5000.00	Drive Key 12h9x8x70 UNI 6604/A		1	41	99.4850.00	Bolt M14x40 5931 12,9G321A+M		8	79	71.0207.35	Crankshaft 50mm stroke with PTO		1
19	71.1500.22	Crankshaft cover (drive side)		1	42	90.5220.00	Anti-Extrusion ring. Ø 40,9x45x1.5	D	3	80	97.6152.00	Pin Ø 5x10		1
20	90.1700.00	Oil Seal Ø 50x65x8 VITON	D	1	43	71.2110.70	Check Valve cover plug		3	81	71.2265.54	Hub PTO S.71		1
22	90.0606.00	Retaining ring Ø 20 UNI 7437		6	44	36.2097.51	Valve Cage		6	82	96.7378.00	Washer Ø 17X24X1 DIN988		1
23	71.0500.15	Plunger Guide		3	45	94.7401.00	Spring Ø 12x17		3	83	99.5142.00	Bolt M16X45 5931 12.9 G321		1
24	97.7430.00	Wrist Pin Ø 20x38		3	46	36.2039.66	Valve Plate		6	GEARBOX				
25	90.1678.00	Oil seal Ø 38x52x7/8.5	D	3	47	36.2043.66	Valve Seat		3	9	99.1867.00	Bolt M06X18 5931 8.8 ZINC		6
26	96.7140.00	Flinger washer Ø 10x50x1		3	48	90.3851.00	O-Rring Ø 21,89x2,62 NBR 70SH 3087	D	3	18	91.5000.00	Drive Ket 12h9x8x70 UNI 6604/A		1
27	71.0400.09	Plunger Ø 18x95		3	49	90.5145.00	Anti-Extrusion ring. Ø 22,9x27x1,5	D	3	19	71.1500.22	Crankshaft Cover PTO		1
	71.0415.09	PlungerØ 20x95			50	71.2115.66	BUSSOLA VALVOLE		3	20	90.1700.00	Oil Seal Ø 50x65x8 VITON		1
	71.0401.09	Plunger Ø 22x95			51	90.5179.00	Valve spacer	D	6	80	97.6152.00	Location pin Ø 5x10		1
	71.0402.09	Plunger Ø 25x95			52	90.3866.00	O-Ring Ø 29,82x2,62 NBR 70SH 3118	D	3	84	97.5940.00	Oil level sight glass G1/2"		1
28	90.3671.00	O-Ring D. 11.00x2.00 NBR 90SH	D	3	53	94.7397.00	Spring Ø 11,4x20		3	85	99.3146.00	Bolt M08X50 5931 12.9 G321A+M		16
29	71.2195.66	Bolt Plunger		3	54	90.5177.00	Anti-Extrusion ring Ø 30x34,5x1,5	D	3	86	72.2109.20	Gear box cover		1
30	90.0797.00	Packing retaining clip Ø 52 INOX		3	55	36.2042.66	Valve Seat		3	87	91.8593.00	ball bearing 6310		1
31	71.2170.70	Ring Packing Retainer Ø 18		3	56	90.3576.00	O-Ring Ø 6,75x1,78 NBR 70SH 106		3		10.0708.35	Gear Shaft 27 tooth 1:1,250		1
	71.2247.70	Ring Packing Retainer Ø 20			57	98.1972.00	Plug G 1/8"x8		3	88	10.0709.35	Gear Shaft 25 tooth 1:1,500		
	71.2172.70	Ring Packing Retainer Ø 22			58	36.7139.01	Discharge Valve Assembly	C	3		10.0710.35	Gear Shaft 22 tooth 1:1,830		
	71.2174.70	Ring Packing Retainer Ø 25			59	36.7138.01	Inlet valve assembly	B	3	89	91.8577.00	Ball Bearing 6309		1
32	90.2648.00	Ring Packing Retainer Ø 18x26x5,5	A-D	3	60	90.3878.00	O-Ring Ø 39,34x2,62 NBR 90 SH 3156	D	6	90	99.4307.00	Bolt M12X40 5739 8.8 ZINC		1
	90.2688.00	Ring Packing Retainer Ø 20x28x5,5	A-D		62	71.0307.01	Connecting Rod		3	91	72.2110.55	flange washer		1
	90.2713.00	Ring Packing Retainer. Ø 22x30x5,5	A-D		63	99.4266.00	Bolt M12x25 5739 8,8 ZINC		1		10.0711.35	Gear 34 tooth 1:1,250		1
	90.2746.00	'Ring Packing Retainer Ø 25x33x5,5	A-D		64	71.2230.74	Lifting Hook		1	92	10.0712.35	Gear 37 tooth 1:1,500		
33	71.2140.70	Intermediate Ring Ø 18		3		90.9243.00	Connecting Rod Bushing STD	E	3		10.0713.35	Gear 40 tooth 1:1,830		
	71.2248.70	Intermediate Ring Ø 20			65	90.9244.00	Connecting Rod Bushing +0,25	E		93	90.3948.00	O-Ring Ø 209.22x2.62 NBR 70SH 2-172		1
	71.2151.70	Intermediate Ring Ø 22				90.9245.00	Connecting Rod Bushing +0,50	E		94	72.2108.20	Gear box cassing		1
	71.2152.70	Intermediate Ring Ø 25				90.9240.00	Connecting Rod Bushing STD	E	3	95	90.3585.00	O-Ring Ø 10.82x1.78 NBR 70SH 2043		2
34	90.3875.00	O-Ring Ø 37,77x2.62 NBR 70SH 3150	A-D	3	66	90.9241.00	Connecting Rod Bushing +0,25	E		96	98.2042.50	Plug G1/4"x13 ZINC		2
	90.2687.00	Restop Ring Ø 18x32x6,2/3	A-D	3		90.9242.00	Connecting Rod Bushing +0,50	E		97	97.6185.00	Locating pinØ 8x18 ZB-G2 h5		1
35	90.2704.00	Restop Ring Ø 20x35x5,5/2	A-D		67	90.9110.00	Wrist pin bushing		1	98	72.2107.84	Shim washer		1
					68	71.2259.51	Dust plug		3					
					69	71.2258.51	Crankcase plug		6					