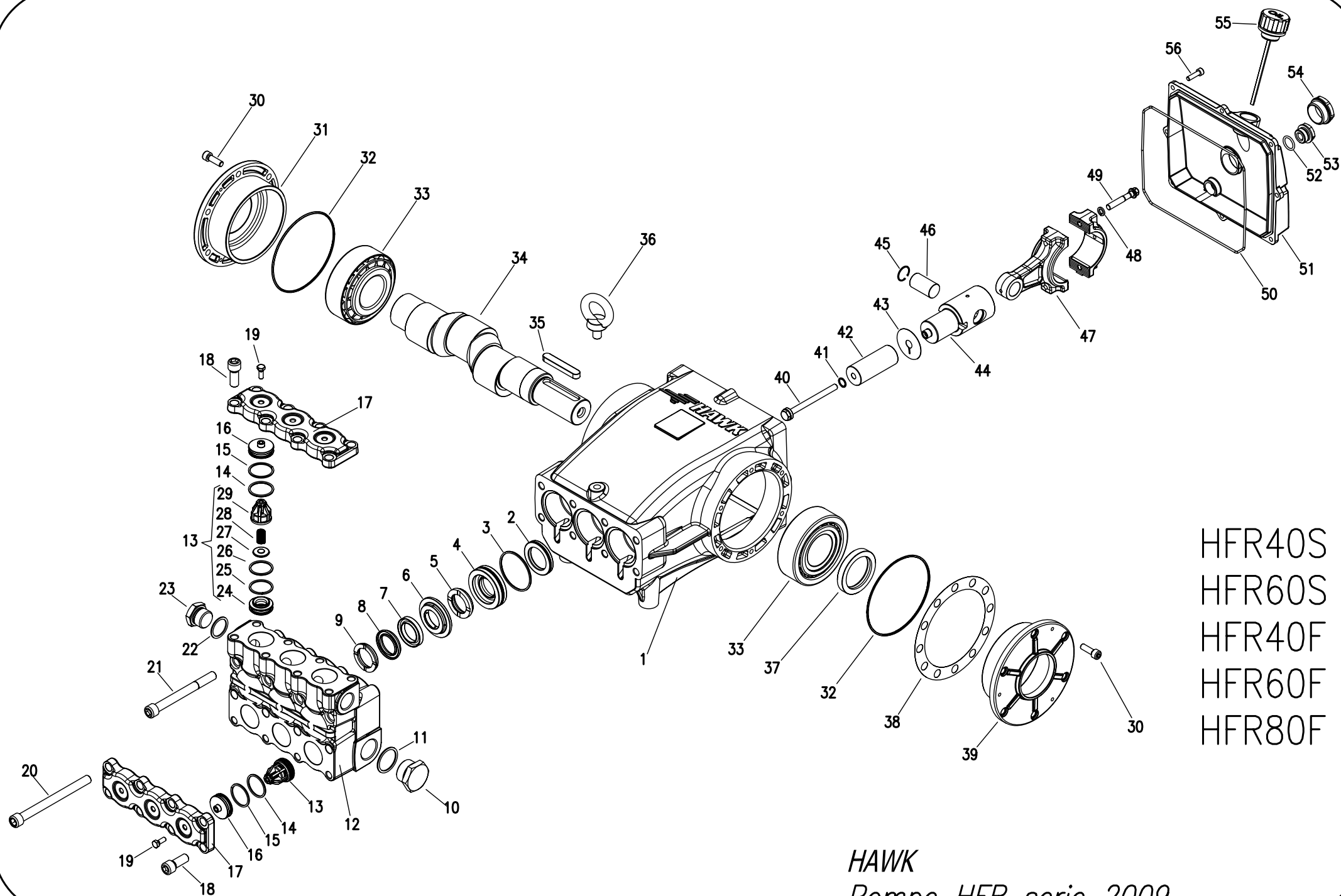




HFR40S
HFR60S
HFR40F
HFR60F
HFR80F

HAWK
Pompe HFR serie 2009
HFR pumps 2009 series

Caratteristiche Tecniche

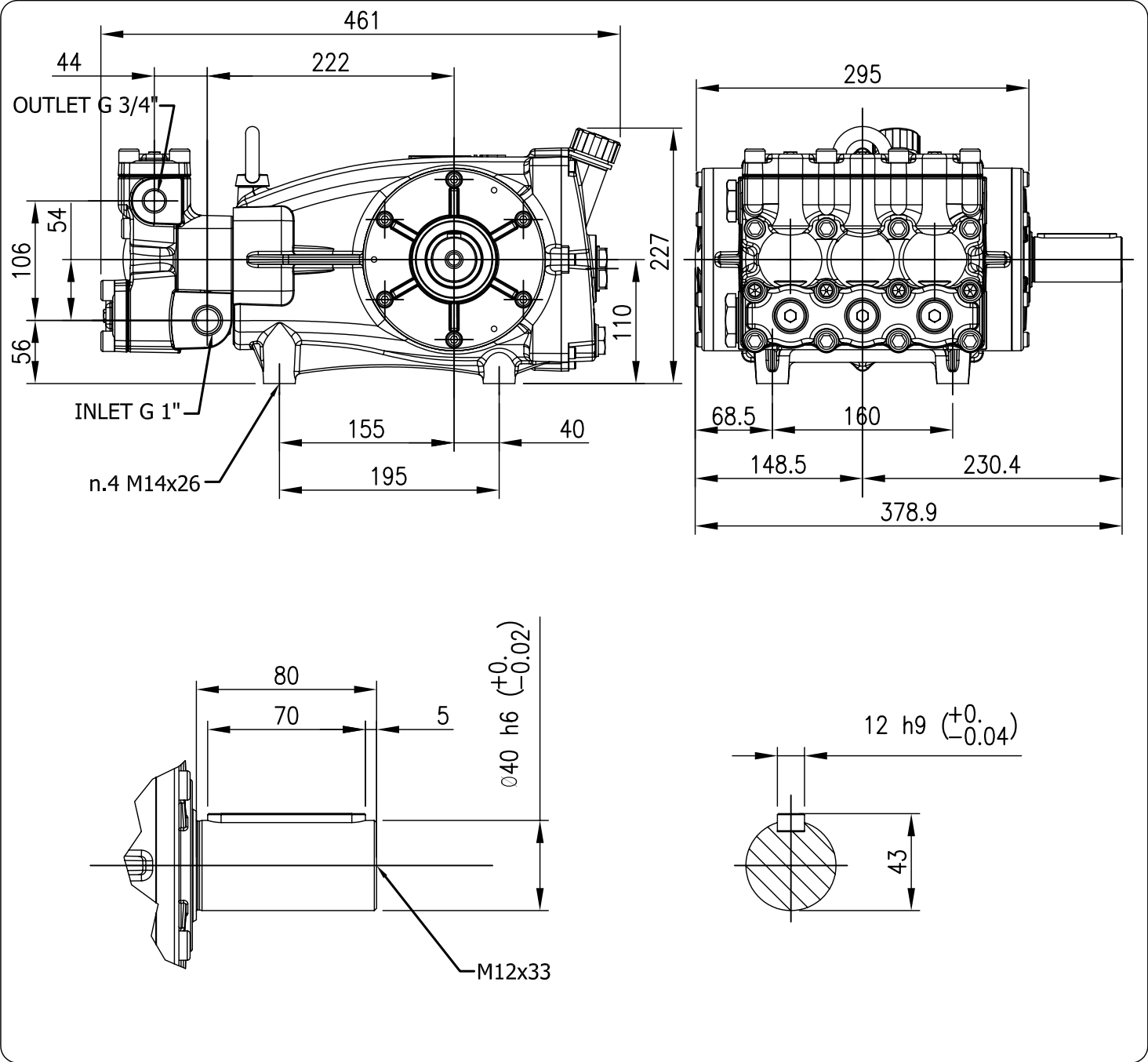
HFR Series

Technical Characteristics

Pump Pompe Pumpen Pompa	Pressure Pression Druck Pressione		Volume Débit Leistung Portata		RPM tours/min u.p.m. giri/min	Required Puissance Leistung Potenza		Inlet port Entrée Eingang Aspirazione	Outlet Sortie Ausgang Mandata	Weight Kg Poids Kg Gewicht Kg Peso Kg
	bar	PSI	l/min	GPM		HP	kW			
HFR40S	280	4060	40	10.6	1000	28.6	21.1	G 1	G 3/4	48
HFR60S	280	4060	60	15.9	1000	42.9	31.6	G 1	G 3/4	48
HFR40F	280	4060	40	10.6	1450	28.7	21.1	G 1	G 3/4	48
HFR60F	280	4060	60	15.9	1450	43	31.6	G 1	G 3/4	48
HFR80F	280	4060	80	21.1	1450	57.5	42.3	G 1	G 3/4	48

Dimensioni d' ingombro

Overall dimensions



Lubrificazione: Olio SAE 10W40
Capacità 3,5 Litri

Lubrication: SAE 10W40 Oil
Capacity 3,5 Litres

PARTS LIST

HFR pumps 2009 series

Item	Part Number	Description	Q.ty by Pump	HFR40S	HFR60S	HFR40F	HFR60F	HFR80F
1	0202.94	Carter	1					
*2	0001.15	Plunger oil seal	3					
*3	0601.16	"O" Ring Ø2.62x56,82	3					
*4	1201.51	Pressure ring Ø30 mm	3					
*5	0002.11	"VB" seal, Ø30x45 mm	3					
*6	0300.69	Intermed.ring Ø30 mm	3					
*7	0009.35	Back ring Ø30 mm	3					
*8	0002.12	"V" seal, Ø30x45 mm	3					
*9	0300.18	Support ring Ø30 mm	3					
*10	1601.57	Brass plug G1	1					
*11	0603.12	Copper washer	1					
*12	1602.32	Manifold housing	1					
*13	3604.01	Valve assembly	6					
*14	0601.13	"O" Ring Ø2.62x31.42	6					
*15	0009.37	Back ring	6					
*16	1601.56	Valve plug	6					
*17	0203.54	Valves cover	2	◆	◆	◆	◆	◆
*18	1801.07	Valves cover screw	12					
*19	1802.01	Valve plug screw	6					
20	1801.09	Manifold stud bolt	4					
21	1801.10	Manifold stud bolt	4					
*22	0603.11	Copper washer	1					
*23	1601.58	Inox Plug G3/4	1					
24	1503.29	Valve seat	6					
25	0009.36	Back ring	6					
26	0601.58	"O" Ring Ø2.62x28.25-3112	6					
27	1202.13	Valve plate	6					
28	0900.39	Valve spring	6					
29	0604.12	Valve cage	6					
30	1801.06	Bearing housing screw	12					
31	0500.98	Closed bearing housing	1					
32	0601.12	"O" Ring Ø2.62x120.32	2					
33	0200.12	Roller bearing	2					
34	0006.20	Single - endend crankshaft	1	◆				
	0006.21	" " "	1		◆			
	0006.22	" " "	1			◆		
	0006.23	" " "	1				◆	
	0006.24	" " "	1					◆
35	0206.07	Crankshaft key	1					
36	1800.12	Eyebolt	1					
37	0001.14	Crankshaft seal	1					
38	0301.12	Shim	1					
39	0500.97	Bearing housing	1					
*40	1800.11	Plunger bolt	3					
*41	0601.15	"O" Ring Ø1.78x11.11	3	◆	◆	◆	◆	◆
*42	1200.26	Plunger 30 mm	3					
*43	1400.55	Copper spacer	3					
44	0003.22	Plunger rod	3					
45	1501.05	Snap ring	6					
46	1502.05	Connecting rod pin	3					
47	0100.09	Connecting rod	3					
48	1403.05	Spring washer	6					

PARTS LIST

HFR pumps 2009 series

Item	Part Number	Description	Q.ty by Pump	HFR40S	HFR60S	HFR40F	HFR60F	HFR80F
49	1800.13	Connecting rod screw	6	◆	◆	◆	◆	◆
50	0601.11	"O" ring Ø 2.62x209.23	1					
51	0203.55	Crankcase cover	1					
52	0601.19	"O" Ring Ø2.62x17.13	1					
53	1601.20	Brass plug G1/2	1					
54	0700.06	Sight glass G1	1					
55	1600.13	Oil dip stick G3/4	1					
56	1801.26	Cover screw	8					

  Part available
in kit only

  Part available
in kit also

SPARE PARTS KIT

Included Positions	Part Number & Description		Q.ty by Pump	HFR40S	HFR60S	HFR40F	HFR60F	HFR80F
3- 5- 7- 8- 9	2600.60	Plunger Seals 30 mm	1	◆	◆	◆	◆	◆
3- 4- 5- 6- 7- 8 9	2600.61	Complete Seals Packing 30 mm	3					
40- 41- 42- 43	2600.62	Plunger 30 mm	3					
13- 14- 15	2600.63	Complete valve	6					
2	2600.64	Plunger Oil Seals	1					
3- 4- 5- 6- 7- 8 9 10- 11- 12 13 14- 15- 16 17 18- 19- 22- 23	2600.65	Complete Manifold	1					

Pos.	Codice	Descrizione	Q.tà per Pompa	HFR40S	HFR60S	HFR40F	HFR60F	HFR80F
1	0202.94	Carter	1					
2	0001.15	Anello radiale	3					
*3	0601.16	"O" Ring Ø2,62x56,82	3					
*4	1201.51	Pressore Ø30 mm	3					
*5	0002.11	Anello tenuta VB Ø30x45 mm	3					
*6	0300.69	Diffusore Interm. Ø30 mm	3					
*7	0009.35	Anello antiestrusione Ø 30 mm	3					
*8	0002.12	Anello tenuta "V" Ø30x45 mm	3					
*9	0300.18	Diffusore "V" Ø30 mm	3					
*10	1601.57	Tappo G1 ottone	1					
*11	0603.12	Guarnizione rame G1	1					
*12	1602.32	Testata	1					
*13	3604.01	Valvola premontata	6					
*14	0601.13	"O" Ring Ø2,62x31,42	6					
*15	0009.37	Anello antiestrusione	6					
16	1601.56	Tappo valvola	6					
17	0203.54	Coperchio VAM	2	◆	◆	◆	◆	◆
18	1801.07	Vite TCEI M12x30 UNI 5931	12					
19	1802.01	Vite TE M6x16 UNI 5739	6					
20	1801.09	Vite TCEI M12x140 UNI 5931	4					
21	1801.10	Vite TCEI M12x120 UNI 5931	4					
*22	0603.11	Guarnizione rame G3/4 Ø 26,7/32,5x1,5	1					
*23	1601.58	Tappo G3/4 inox	1					
24	1503.29	Sede valvola	6					
25	0009.36	Anello antiestrusione	6					
26	0601.58	"O" Ring Ø2,62x28,25-3112	6					
27	1202.13	Piattelo valvola	6					
28	0900.39	Molla valvola	6					
29	0604.12	Gabbia valvola	6					
30	1801.06	Vite TCEI M8x25 UNI 5931	12					
31	0500.98	Flangia chiusa	1					
32	0601.12	"O" Ring Ø2,62x120,32 NBR	2					
33	0200.12	Cuscinetto 32310 rulli conici	2					
34	0006.20	Albero singola P.d.F.	1	◆				
	0006.21	" " "	1		◆			
	0006.22	" " "	1			◆		
	0006.23	" " "	1				◆	
	0006.24	" " "	1					◆
35	0206.07	Chiavetta	1					
36	1800.12	Golfare M12	1					
37	0001.14	Anello radiale	1					
38	0301.12	Distanziale	1					
39	0500.97	Flangia aperta	1					
*40	1800.11	Vite pistone	3					
*41	0601.15	"O" Ring Ø1,78x11,11	3	◆	◆	◆	◆	◆
*42	1200.26	Pistone Ø30	3					
*43	1400.55	Rosetta rame pistone	3					
44	0003.22	Asta pattino	3					
45	1501.05	Anello Ø22	6					
46	1502.05	Spinotto	3					
47	0100.09	Biella	3					
48	1403.05	Rosetta elastica Ø8	6					

Pos.	Codice	Descrizione	Q.tà per Pompa	HFR40S	HFR60S	HFR40F	HFR60F	HFR80F
49	1800.13	Vite biella	6	◆	◆	◆	◆	◆
50	0601.11	"O" ring Ø 2,62x209,23	1					
51	0203.55	Coperchio carter	1					
52	0601.19	"O" Ring Ø2,62x17,13	1					
53	1601.20	Tappo G1/2 ottone	1					
54	0700.06	Spia livello olio G1	1					
55	1600.13	Tappo sfiato olio G3/4	1					
56	1801.26	Vite TCEI M6x22 UNI 5931	8					

  **Particol. disponibile
solo in kit**

  **Particol. disponibile
anche in kit**

KIT RICAMBI

Posizioni incluse	Codice e Descrizione	Q.tà per Pompa	HFR40S	HFR60S	HFR40F	HFR60F	HFR80F
3- 5- 7- 8- 9	2600.60 Guarnizioni pistone Ø30	1	◆	◆	◆	◆	◆
3- 4- 5- 6- 7- 8 9	2600.61 Pacco completo guarnizioni pistone Ø30	3					
40- 41- 42- 43	2600.62 Pistone Ø30	3					
13- 14- 15	2600.63 Valvola completa	6					
2	2600.64 Anelli tenuta olio asta	1					
3- 4- 5- 6- 7- 8 9 10- 11- 12 13 14- 15- 16 17 18- 19- 22- 23	2600.65 Testata completa	1					