

FCH Series

STAINLESS STEEL PUMP



Soild Shaft Ø24mm

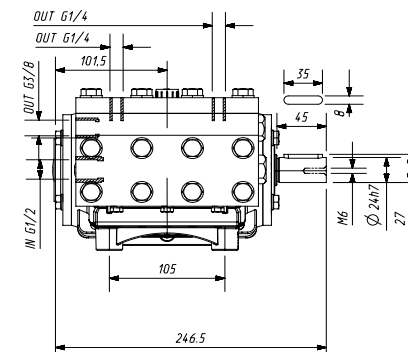
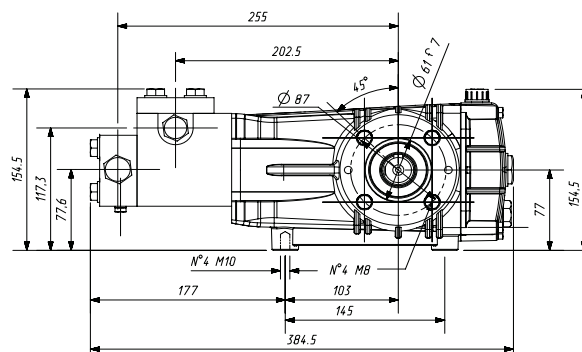
SPECIFICATIONS

Pump Model	FCH 1550	FCH 1850	FCH 1860	FCH 2250	FCH 2260	FCH 2650
Flow Rate (L/min)	15	18	18	22	22.6	26
Pressure (bar)	500	500	600	500	600	500
Power (kw)	15	19.3	21.6	22	26.1	26.6
RPM	1450	1750	1450	1450	1750	1750
Shaft Diameter (mm)	24					
Plunger Stroke (mm)	21.2	21.2	17.5	21.2	17.5	21.2
Plunger Diameter (mm)	15	15	18	18	18	18
Oil Capacity (ml)	1100					
Inlet Thread	G 1/2					
Outlet Thread	G 3/8					
Weight (kg)	23.1					
Dimensions (mm)	385X247X155					

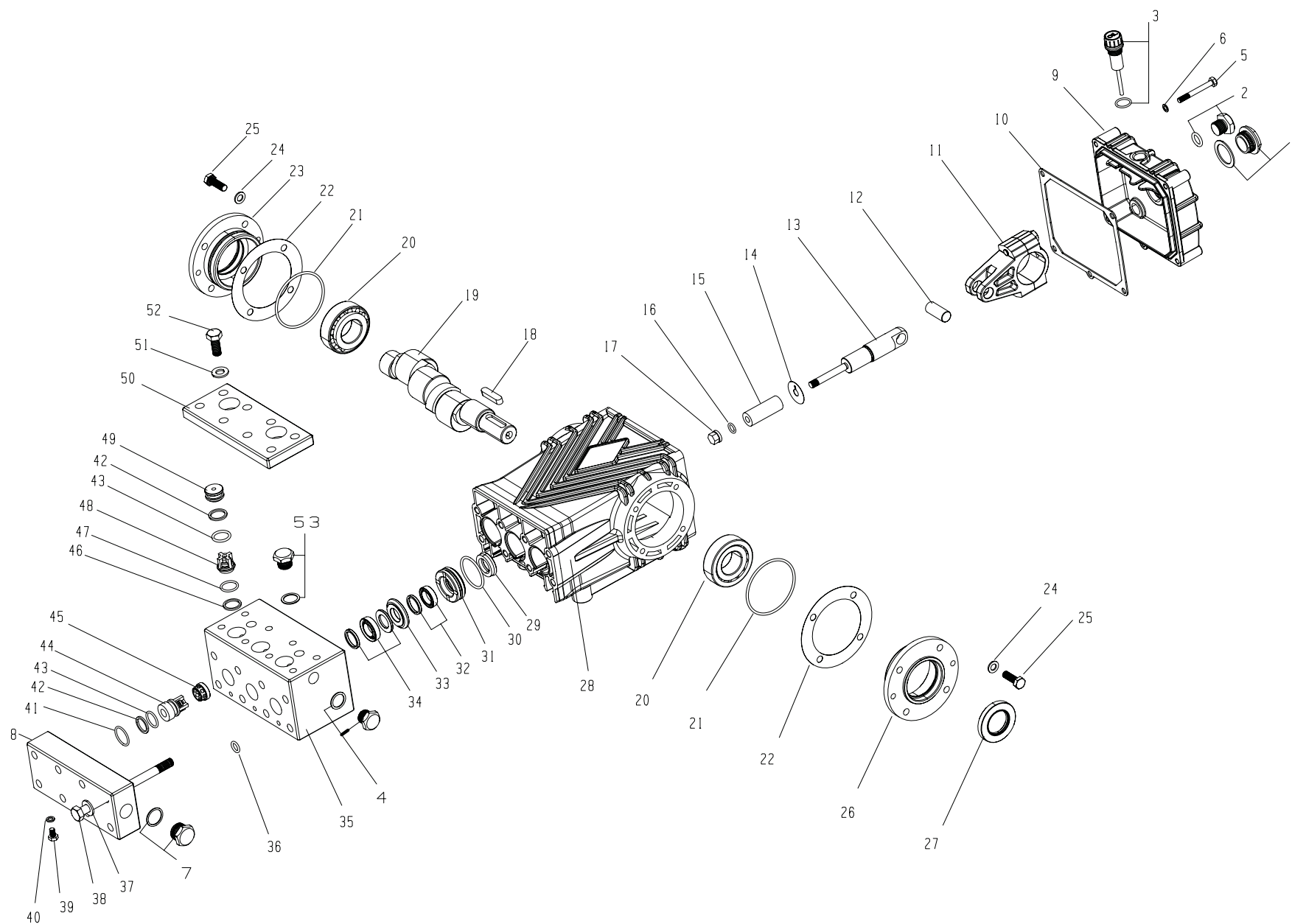
FEATURES

- High-pressure stainless-steel pump head provides structural strength and corrosion resistance.
- Forged crankshaft with surface nitriding improves strength and wear resistance.
- Low-friction alloy connecting rod supports high load capacity.
- Tapered roller bearings improve load capability and durability.
- Ceramic plungers with smooth surface finish for long service life.

DIMENSIONS(mm)



EXPLODED VIEW



COMPONENTS

ITEM	PART NO.	Name	QTY	ITEM	PART NO.	Name	QTY	ITEM	PART NO.	Name	QTY
1	7.906-160	Oil Sight Glass	1	19	7.906-025.8	Crankshaft	1	37	7.906-145	Double-Sided Toothed Washer	8
2	7.400-011.1	Plug	1	20	7.906-014	Tapered Roller Bearings	2	38	7.301-010	M10 Hexagon Bolt	8
3	7.906-034	Dipstick	1	21	7.906-005.3	End Cap O-Ring	2	39	7.301-011	M6 Hexagon Bolt	3
4	7.400-011	Plug	1	22	7.906-137.138.139	Adjusting Washer	3	40	7.906-046	Bonded Seal	3
5	7.301-008	Hexagon Bolt	5	23	7.906-011	Side Cover	1	41	7.906-005.2	Low Pressure Cover O-Ring	3
6	7.906-146	Double-Sided Toothed Washer	5	24	7.906-022	Double-Sided Toothed Washer	8	42	7.906-008.1	Open Retaining Ring	6
7	7.400-001.2	Plug	1	25	7.301-009	Hexagon Bolt	8	43	7.906-005.4	O-Ring	6
8	7.906-032	Low Pressure Cover	1	26	7.906-011	Side Cover	1	44	7.906-013	Low Pressure Valve	3
9	7.906-011	Rear Cover	1	27	7.906-006	Oil Seal	1	45	7.906-042	Check Valve Copper Support	3
10	7.906-010	Rubber Gasket	1	28	7.906-011	Crankcase	1	46	7.906-008	High Pressure Valve Retaining Ring	3
11	7.906-001.4	Connecting Rod	3	29	7.906-006.1	Crankcase Oil Seal	3	47	7.906-005.4	High Pressure Valve O-Ring	3
12	7.906-033	Plunger Pin	3	30	7.906-005.5	Guide Seat O-Ring	3	48	7.906-013.1	High Pressure Valve	3
13	7.906-002	Plunger Rod	3	31	7.906-040	Guide Seat	3	49	7.906-047	High Pressure Valve Copper Seat	3
14	7.906-132	Water Seal Washer	3	32	7.906-352	Low Pressure Water Seal	3	50	7.906-032	High Pressure Valve Cover Plate	1
15	7.906-164	Ceramic Plunger	3	33	7.906-041	Copper Pressure Ring	3	51	7.906-145	Double-Sided Toothed Washer	8
16	7.906-005	Plunger Rod O-Ring	3	34	7.906-362	High Pressure Water Seal	3	52	7.301-015	M10 Hexagon Bolt	8
17	7.906-002	Plunger Rod Nut	3	35	7.906-032	Stainless Steel Pump Head	1	53	7.400-001	Plug	1
18	7.906-035	Parallel Key	1	36	7.906-005.1	Cooling Water O-Ring	3				

REPAIR KITS

Water Seal Kit		
Index	32	34
Part Number	7.906-352	7.906-362
Name	Low Pressure Water Seal	High Pressure Water Seal
Quantity	3	3

Oil Seal Kit		
Index	27	29
Part Number	7.906-006	7.906-006.1
Name	Oil Seal	Crankcase Oil Seal
Quantity	1	3

Valve Kit						
Index	42	43	44	46	47	48
Part Number	7.906-008.1	7.906-005.4	7.906-013	7.906-008	7.906-005.4	7.906-013.1
Name	Open Retaining Ring	O-Ring	Low Pressure Valve	High Pressure Valve Retaining Ring	High Pressure Valve O-Ring	High Pressure Valve
Quantity	6	6	3	3	3	3

Plunger Kit		
Index	15	16
Part Number	7.906-164	7.906-005
Name	Ceramic Plunger	Plunger Rod O-Ring
Quantity	3	3