

FCM Series

NICKEL PLATED BRASS PUMP



Soild Shaft Ø24mm

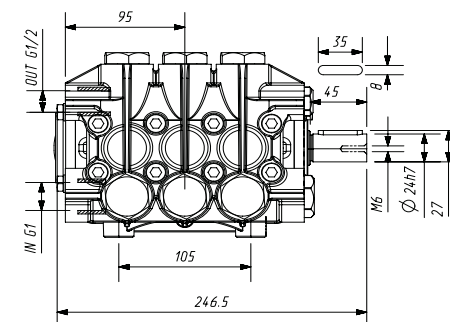
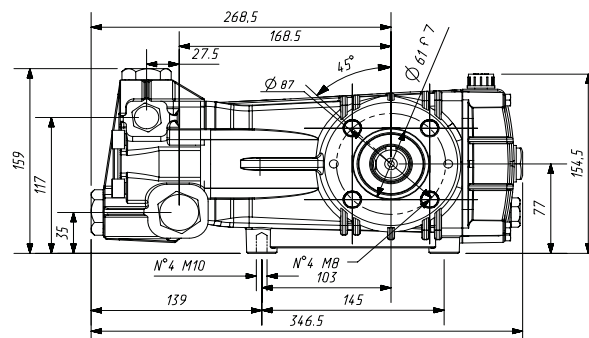
SPECIFICATIONS

Pump Model	FCM 6017	FCM 7016	FCM 7217	FCM 8416
Flow Rate (L/min)	60	70	72	84
Pressure (bar)	170	160	170	160
Power (kw)	20.4	22.4	24.5	26.8
RPM	1450	1450	1750	1750
Shaft Diameter (mm)	24			
Plunger Stroke (mm)	20	23.5	19	23.5
Plunger Diameter (mm)	30			
Oil Capacity (ml)	1100			
Inlet Thread	G 1			
Outlet Thread	G 1/2			
Weight (kg)	19.5			
Dimensions (mm)	347X247X159			

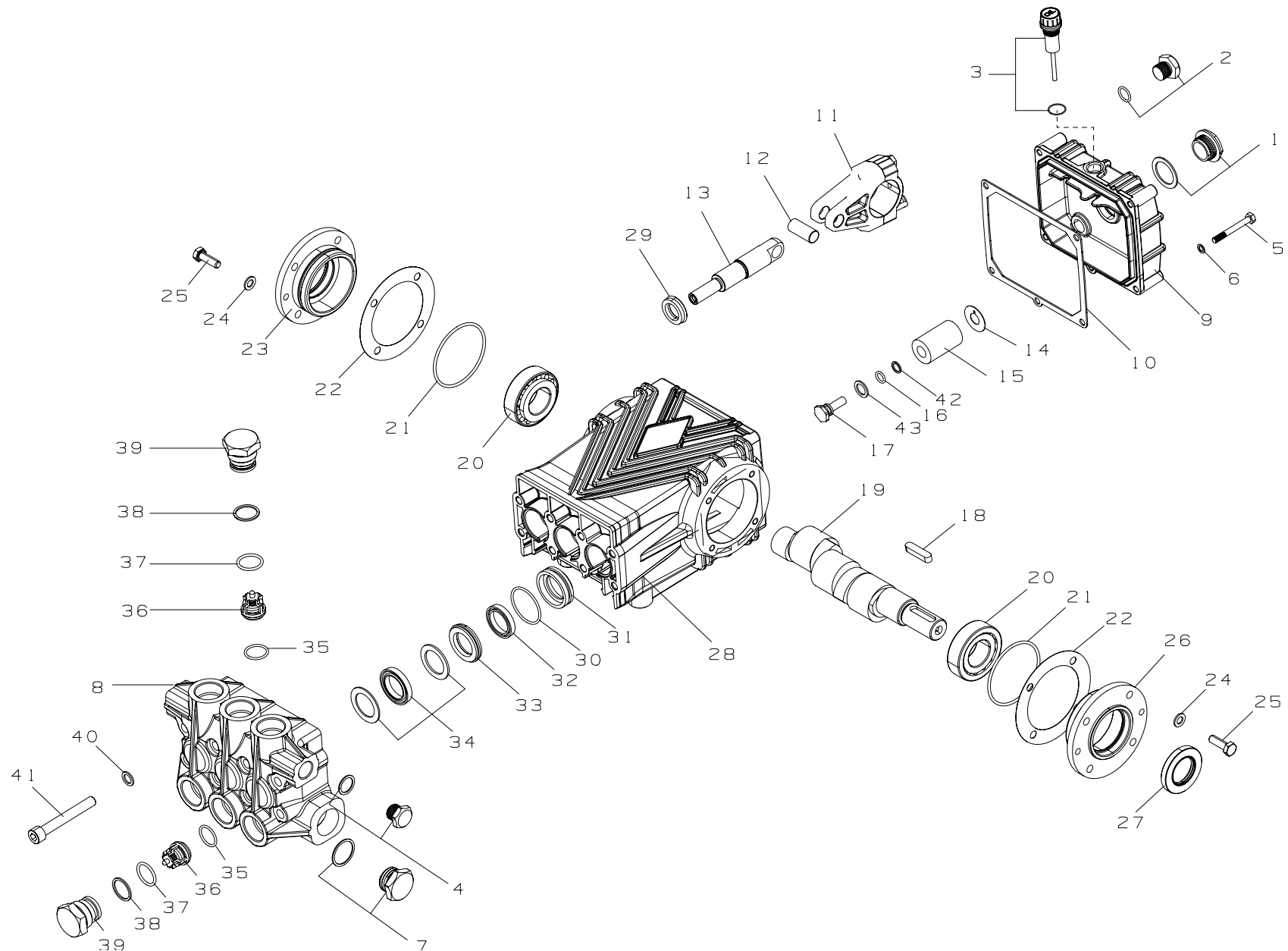
FEATURES

- High-flow nickel-plated brass pump head provides structural strength and improved corrosion resistance for continuous operation.
- 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	16	7.906-005	Plunger Rod O-Ring	3	30	7.906-145	Guide Seat O-Ring	3
2	7.400-011.1	Plug	1	17	7.906-002.4	Plunger Rod Nut	3	31	7.906-208	Guide Seat	3
3	7.906-034	Dipstick	1	18	7.906-035.1	Parallel Key	1	32	7.906-350	Low Pressure Water Seal	3
4	7.400-001.2	Plug	1	19	7.906-182	Crankshaft	1	33	7.906-209	Copper Pressure Ring	3
5	7.301-008	Hexagon Bolt	5	20	7.906-014	Tapered Roller Bearings	2	34	7.906-351	High Pressure Water Seal	3
6	7.906-146	Double-Sided Toothed Washer	5	21	7.906-005.3	End Cap O-Ring	2	35	7.906-055.1	Valve O-Ring	6
7	7.906-168	Plug	1	22	7.906-137.138.139	Adjusting Washer	3	36	7.906-109	Valve	6
8	7.906-214	Nickel-Plated Brass Pump Head	1	23	7.906-011	Side Cover	1	37	7.906-055.2	Valve Cover Screw O-Ring	6
9	7.906-011	Rear Cover	1	24	7.906-022	Double-Sided Toothed Washer	8	38	7.906-056	Valve Cover Screw Retaining Ring	6
10	7.906-010	Rubber Gasket	1	25	7.301-009	Hexagon Bolt	8	39	7.301-025	Valve Cover Screw	6
11	7.906-001.4	Connecting Rod	3	26	7.906-011	Side Cover	1	40	7.906-145	Double-Sided Toothed Gasket	8
12	7.906-033	Plunger Pin	3	27	7.906-006	Oil Seal	1	41	7.301-039	Pump Head Screw	8
13	7.906-002.4	Plunger Rod	3	28	7.906-011	Crankcase	1	42	7.906-056.1	Retaining Ring	3
14	7.906-133	Water Seal Washer	3	29	7.906-006.1	Crankcase Oil Seal	3	43	7.906-012.1	Copper Washer	3
15	7.906-163	Ceramic Plunger	3								

REPAIR KITS

Water Seal Kit		
Index	32	34
Part Number	7.906-350	7.906-351
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	35	36
Part Number	7.906-055.1	7.906-109
Name	Valve O-Ring	Valve
Quantity	6	6

Plunger Kit			
Index	15	16	42
Part Number	7.906-163	7.906-005	7.906-056.1
Name	Ceramic Plunger	Plunger Rod O-Ring	Retaining Ring
Quantity	3	3	3