

FCR Series

BRASS PUMP



Soild Shaft Ø24mm

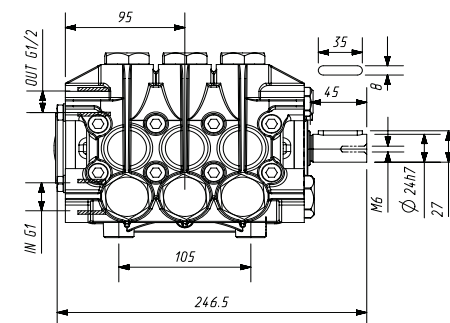
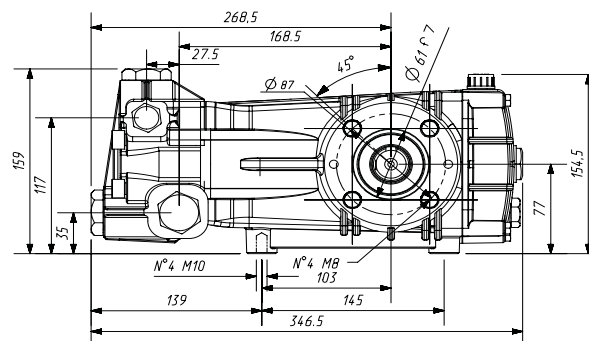
SPECIFICATIONS

Pump Model	FCR 6017	FCR 7016	FCR 7217	FCR 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			

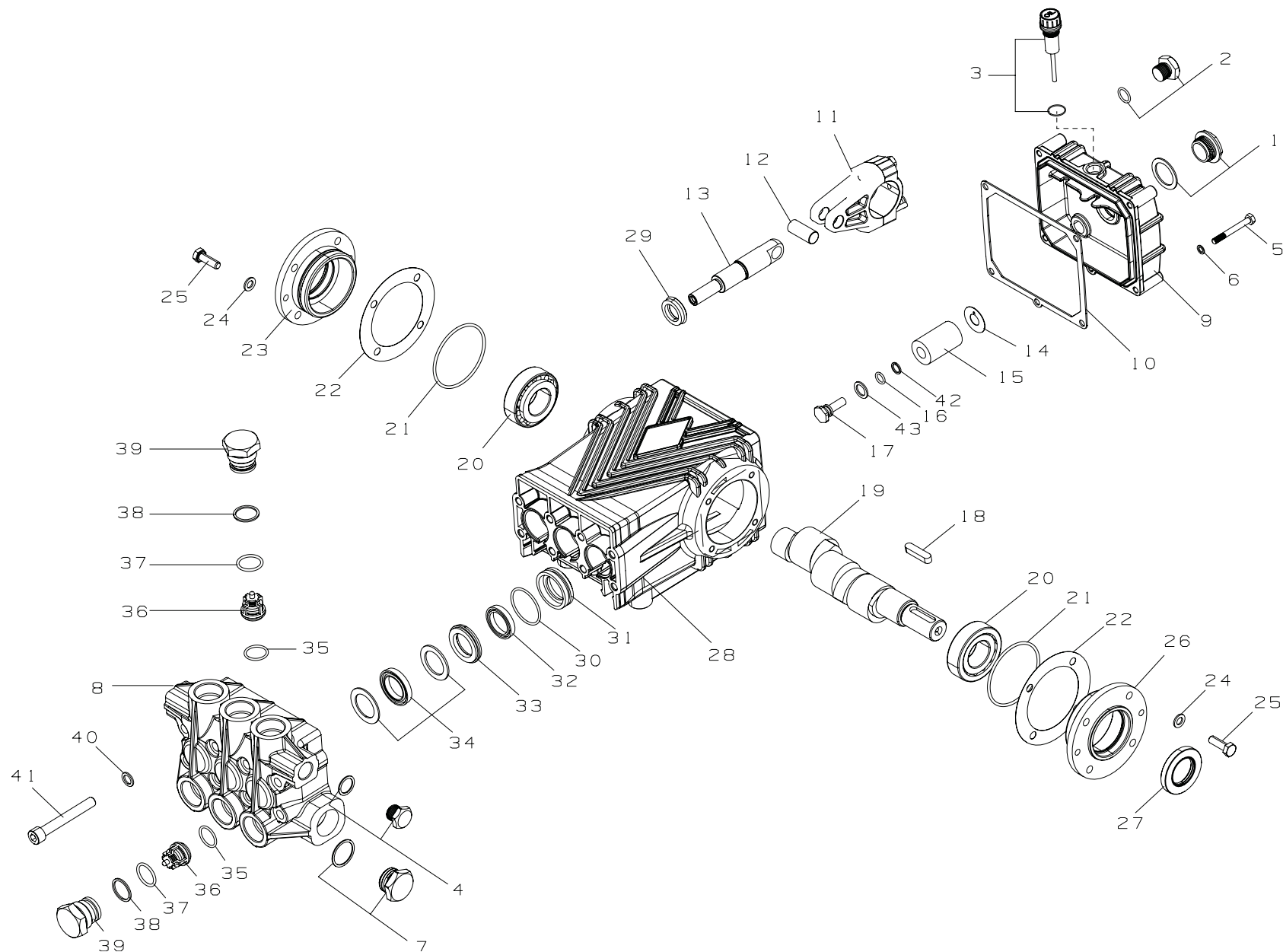
FEATURES

- High-flow brass pump head provides structural strength and rust 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	7.906-055	Guide Seat O-Ring	3
2	7.400-011.1	Plug	1	17	7.906-002.4	Plunger Rod Nut	3	31	7.906-040.5	Guide Seat	3
3	7.906-034	Dipstick	1	18	7.906-035.1	Water Seal Washer	1	32	7.906-358	Low Pressure Water Seal	3
4	7.400-001.2	Plug	1	19	7.906-025.3	Crankshaft	1	33	7.906-110	Copper Pressure Ring	3
5	7.301-008	Hexagon Bolt	5	20	7.906-014	Tapered Roller Bearings	2	34	7.906-363	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	7.400-001.1	Plug	1	22	7.906-137.138.139	Adjusting Washer	3	36	7.906-109	Valve	6
8	7.906-077	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 Washer	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	7.906-003.8	Ceramic Plunger	3								

REPAIR KITS

Water Seal Kit		
Index	32	34
Part Number	7.906-358	7.906-363
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	7.906-003.8	7.906-005	7.906-056.1
Name	Ceramic Plunger	Plunger Rod O-Ring	Retaining Ring
Quantity	3	3	3