

FCN Series

NICKEL PLATED BRASS PUMP



Soild Shaft Ø24mm

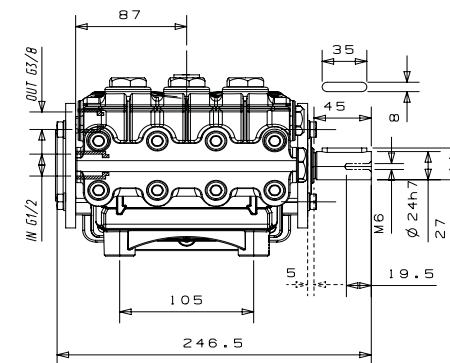
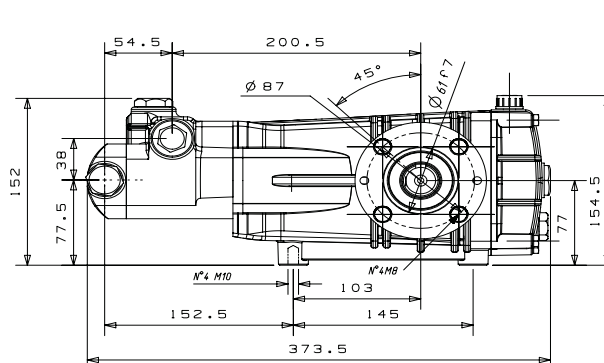
SPECIFICATIONS

Pump Model	FCN 1550	FCN 1850	FCN 1860	FCN 2250	FCN 2260	FCN 2650
Flow Rate (L/min)	15	18	18	22	22	26
Pressure (bar)	500	500	600	500	600	500
Power (kw)	15	19.3	22	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)	20.5					
Dimensions (mm)	385X247X155					

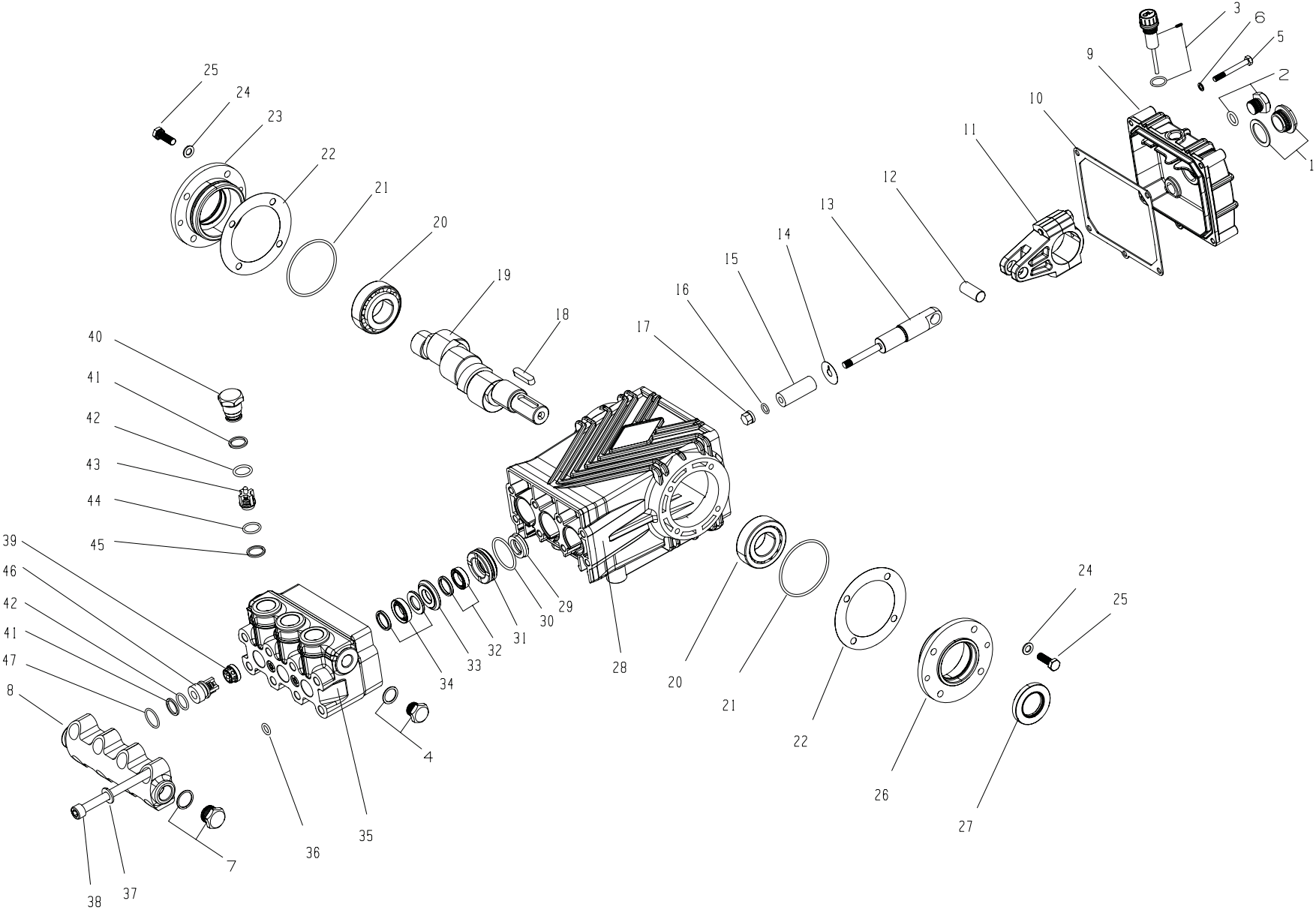
FEATURES

- High-pressure nickel-plated brass pump head provides structural strength and improved 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	17	7.906-002	Plunger Rod Nut	3	33	7.906-041	Copper Pressure Ring	3
2	7.400-011.1	Plug	1	18	7.906-035	Parallel Key	1	34	7.906-007.10	High Pressure Water Seal	3
3	7.906-034	Dipstick	1	19	7.906-025.8	Crankshaft	1	35	7.906-210	Nickel Plated Brass Pump Head	1
4	7.400-011	Plug	1	20	7.906-014	Tapered Roller Bearings	2	36	7.906-005.1	Cooling Water O-Ring	2
5	7.301-008	Hexagon Bolt	5	21	7.906-005.3	End Cap O-Ring	2	37	7.906-145	Double-Sided Toothed Washer	8
6	7.906-146	Double-Sided Toothed Washer	5	22	7.906-137.138.139	Adjusting Washer	3	38	7.301-052	Hexagon Socket Bolt	8
7	7.400-001.2	Plug	1	23	7.906-011	Side Cover	1	39	7.906-042	Check Valve Copper Support	3
8	7.906-211	Copper End Cap	1	24	7.906-022	Double-Sided Toothed Washer	8	40	7.301-053	Copper Valve Cover Nut	6
9	7.906-011	Rear Cover	1	25	7.301-009	Hexagon Bolt	8	41	7.906-008.1	Open Retaining Ring	6
10	7.906-010	Rubber Gasket	1	26	7.906-011	Side Cover	1	42	7.906-005.4	O-Ring	6
11	7.906-001.4	Connecting Rod	3	27	7.906-006	Oil Seal	1	43	7.906-013.1	High Pressure Valve	3
12	7.906-033	Plunger Pin	3	28	7.906-011	Crankcase	1	44	7.906-005.4	High Pressure Valve O-Ring	3
13	7.906-002	Plunger Rod	3	29	7.906-006.1	Crankcase Oil Seal	3	45	7.906-008	High Pressure Valve Retaining Ring	3
14	7.906-132	Water Seal Washer	3	30	7.906-005.5	Guide Seat O-Ring	3	46	7.906-013	Low Pressure Valve	3
15	7.906-164	Ceramic Plunger	3	31	7.906-040	Guide Seat	3	47	7.906-005.2	Low Pressure Cover O-Ring	3
16	7.906-005	Plunger Rod O-Ring	3	32	7.906-007.1	Low Pressure Water Seal	3				

REPAIR KITS

Water Seal Kit		
Index	32	34
Part Number	7.906-007.1	7.906-007.10
Name	Low Pressure Water Seal	High Pressure Water Seal
Quantity	3	3

Valve Kit					
Index	42	43	44	46	47
Part Number	7.906-005.4	7.906-013.1	7.906-005.4	7.906-013	7.906-005.2
Name	O-Ring	High Pressure Valve	High Pressure Valve O-Ring	Low Pressure Valve	Low Pressure Cover O-Ring
Quantity	6	3	3	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

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