

FFS Series

STAINLESS STEEL PUMP



Soloid Shaft Ø50mm

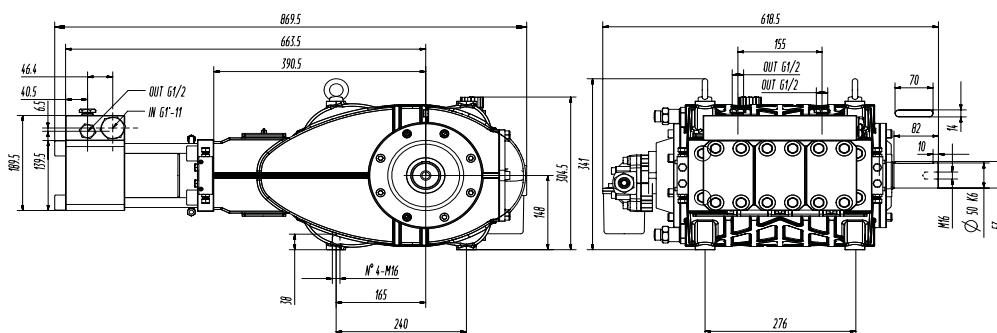
SPECIFICATIONS

Pump Model	FFS 17126	FFS 13533	FFS 11639	FFS 30150	FFS 37120	FFS 5580	FFS 45100
Flow Rate (L/min)	171	135	116	30	37	55	45
Pressure (bar)	260	330	410	1500	1200	800	1000
Power (kw)	88.5	89.1	95.1	90	88.8	88	90
RPM	600	600	600	600	600	800	800
Shaft Diameter (mm)	50						
Plunger Stroke (mm)	60						
Plunger Diameter (mm)	45	40	36	19	21	22	20
Oil Capacity (ml)	8200						
Inlet Thread	G1'1/2	G1'1/2	G1'1/2	G1'	G1'	G1'	G1'
Outlet Thread	G1'	G1'	G1'	G1/2	G1/2	G1/2	G1/2
Weight (kg)	310						
Dimensions (mm)	768X720X341						

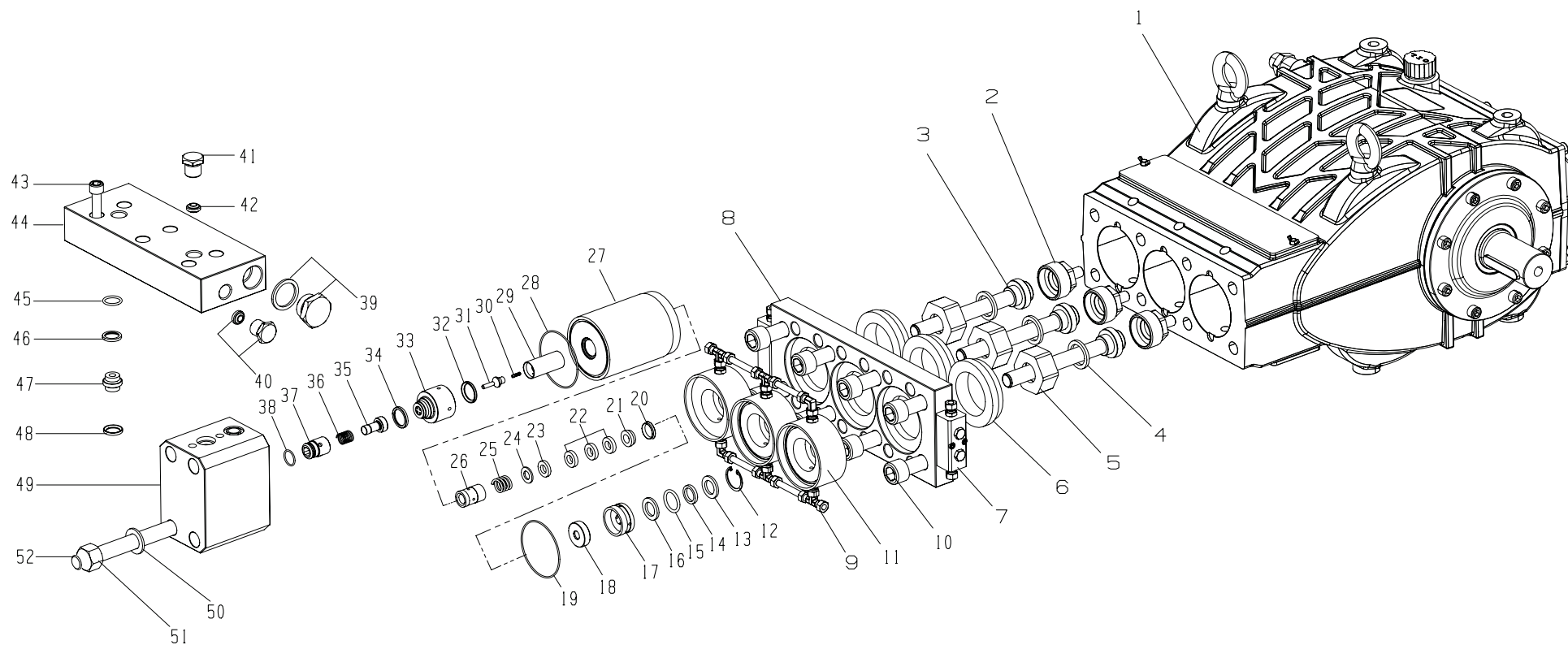
FEATURES

- High-strength stainless-steel pump head provides structural strength and corrosion resistance.
- Ductile cast-iron crankcase improves rigidity and thrust load capacity.
- Connecting rods with wear-resistant bearing shells extend service life under continuous load.
- Tapered roller bearings improve load capability and durability.
- Integrated oil cooling pump helps reduce oil temperature and supports stable long-term operation.

DIMENSIONS(mm)



EXPLODED VIEW



COMPONENTS

ITEM	Name	QTY	ITEM	Name	QTY	ITEM	Name	QTY
1	Power End	1	19	End Cover O-ring	3	1	Discharge Valve Spring	3
2	Plunger connecto	3	20	Packing Support Ring	3	2	Discharge Valve Seat	3
3	Plunger	3	21	Packing	3	3	Discharge Valve O-ring	3
4	PU Gasket	3	22	Positioning Seal	9	4	Inlet Plug	1
5	Plunger Connecting Nut	3	23	Copper Washer	3	5	Discharge Plug	1
6	Locating Ring	3	24	Spring Washer	3	6	Manifold Outlet Plug	2
7	Diverter	2	25	Spring	3	7	Plug Gasket	2
8	Back Plate	1	26	Spring Seat	3	8	Cover Plate Screw	6
9	Cooling Pipe Fitting	6	27	Fluid Cylinder	3	9	Cover Plate	1
10	Back Plate Mounting Screw	8	28	Cylinder O-ring	3	10	Inlet Cover O-ring	3
11	End Cover	3	29	Suction Valve Seat	3	11	Cover Plate Outlet PEEK Seal Ring	3
12	Retaining Ring for Bore	3	30	Suction Valve Spring	3	12	Manifold Guide	3
13	Low-pressure Seal Retainer 1	3	31	Suction Valve Disc	3	13	Cover Plate Outlet PEEK Seal Ring 1	3
14	Low-pressure Water Seal	3	32	Suction Side PEEK Seal Ring	3	9	Stainless Steel Pump Head	3
15	Low-pressure Water Seal O-ring	3	33	Valve Body	3	10	Screw Washer	12
16	Low-pressure Water Retainer 2	3	34	Discharge Side PEEK Seal Ring	3	14	Nut	12
17	Packing Seat	3	35	Discharge Valve Disc	3	15	Stud	12
18	Packing Spacer	3						

REPAIR KITS

Index	3	4	14	15	19	20	21
Name	Plunger	PU Gasket	Low-Pressure Water Seal	Low-Pressure Water Seal O-Ring	End Cover O-ring	Packing Support Ring	Packing
Quantity	3	3	3	3	3	3	3

Index	22	28	31	32	33	34	35
Name	Positioning Seal	Cylinder O-ring	Suction Valve Disc	Suction Side PEEK Seal Ring	Valve Body	Discharge Side PEEK Seal Ring	Discharge Valve Disc
Quantity	9	3	3	3	3	3	3