

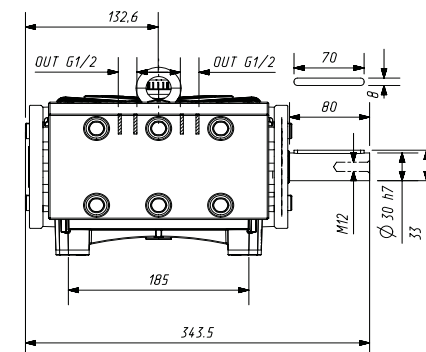
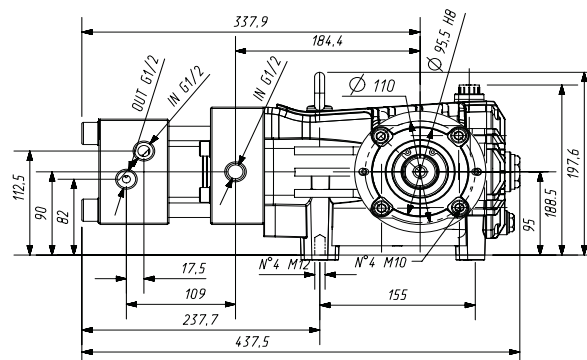
The logo for FUSSEN, featuring a stylized 'F' icon followed by the word 'FUSSEN' in a bold, sans-serif font, with a registered trademark symbol (®) to the upper right.

FEATURES

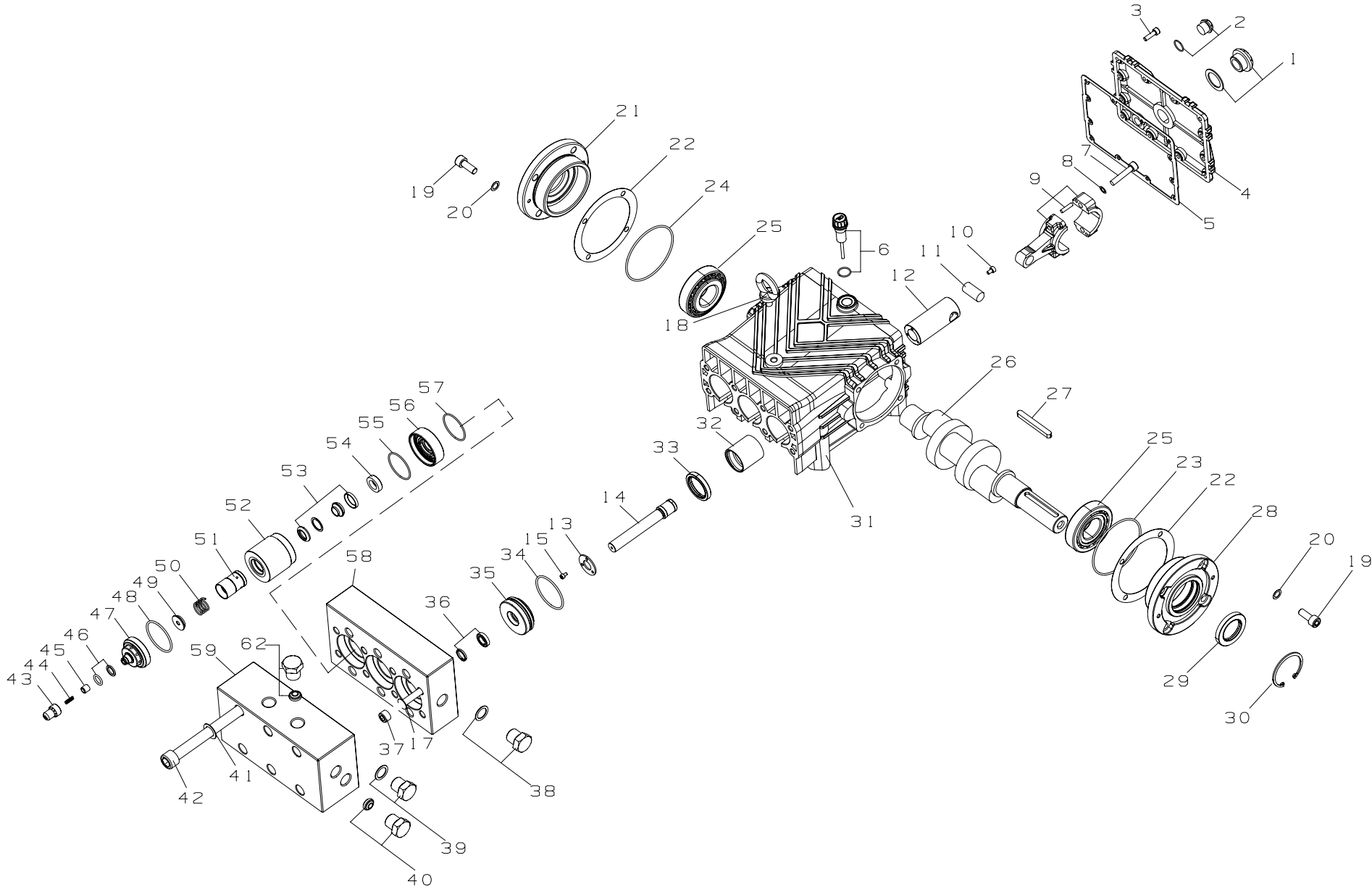
- High-strength stainless-steel pump head provides structural strength and corrosion resistance.
- Forged crankshaft with surface nitriding improves strength and wear resistance.
- The connecting rods are made of a Zn–Cu alloy, improving wear resistance and helping reduce operating noise.
- Tapered roller bearings improve load capability and durability.
- Tungsten-carbide plungers with wear-resistant coating provide high strength and extended service life.

Pump Model	FDH 15100	FDH 1880	FDH 18100	FDH 2080
Flow Rate (L/min)	15	18	18	20
Pressure (bar)	1000	800	1000	800
Power (kw)	28.8	27.7	30.8	30.8
RPM	1450	1450	1750	1750
Shaft Diameter (mm)				
Plunger Stroke (mm)	20.5	22	17	20.5
Plunger Diameter (mm)	16	16	16	16
Oil Capacity (ml)	1700			
Inlet Thread	G 1/2			
Outlet Thread	G 1/2			
Weight (kg)	42			
Dimensions (mm)	438x344x198			

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	22	7.906-048	Bearing Adjustment Shim	1	42	7.301-038	Stud	8
2	7.400-011	Plug	1	23	7.906-019.9	End Cover Seal	1	43	7.906-122	Discharge Valve Seat	3
3	7.301-007	Rear Cover Screws	12	24	7.906-019.9	End Cover Seal	1	44	7.906-143	Discharge Valve Spring	3
4	7.906-011.4	Rear Cover	1	25	7.906-014.3	Bearing	1	45	7.906-066	Discharge Valve Disc	3
5	7.906-010.3	Rear Cover Oil Washer	1	26	7.906-426	Crankshaft	2	46	7.906-052.2	Discharge Valve Seal	3
6	7.906-034	Dipstick	1	27	7.906-150	Parallel Key	1	47	7.906-099	Valve Body	3
7	7.301-020	Connecting Rod Screws	6	28	7.906-011.4	Side Cover	1	48	7.906-049.6	Packing Sleeve Seal Ring	3
8	7.301-031	Connecting Rod Screws Washers	6	29	7.906-051.3	Rotating Oil Seal	1	49	7.906-100	Suction Valve Disc	3
9	7.301-014	Copper Connecting Rod	6	30	7.301-035	Rotating Oil Seal Circlip	1	50	7.906-142	Suction Valve Spring	3
10	7.301-017	Plunger Rod Screw	6	31	7.906-011.4	Crankcase	1	51	7.906-779	Bushing	3
11	7.906-033.4	Plunger Rod Pin	3	32	7.906-079	Crankcase Copper Sleeve	1	52	7.906-093	Packing Sleeve	3
12	7.906-002.6	Plunger Rod	3	33	7.906-051.4	Crankcase Oil Seal	3	53	7.906-052	Packing	3
13	7.906-091	Plunger Retainer	3	34	7.906-049.9	Guide Seat Seal Ring	3	54	7.906-102	High Pressure Seal Seat	3
14	7.906-090	Plunger	3	35	7.906-097	Guide Seat	3	55	7.906-055.3	End Cover Seal Ring	3
15	7.301-029	Plunger Retainer Screw	9	36	7.906-347	Low Pressure Water Seal	3	56	7.906-094	End Cove	3
17	7.906-145	Double-Sided Toothed Washer	8	37	7.301-039	Stud	3	57	7.906-055.3	End Cover Seal Ring	3
18	7.301-016	Hanging Ring	1	38	7.400-001.2	Plug	8	58	7.906-095	Back Plate	1
19	7.301-023	End Cap Screws	8	39	7.400-001.2	Plug	1	59	7.906-096	Pump Head	1
20	7.906-145	End Cover Screws And Gaskets	8	40	7.906-166	Plug	1	62	7.906-166	Plug	2
21	7.906-011.4	Side Cover	1	41	7.906-149	Flat Washer	1				

REPAIR KITS

Water Seal Kit			Valve Kit								
Index	36	53	Index	43	44	45	46	47	48	49	55
Part Number	7.906-036.14.15	7.906-052	Part Number	7.906-122	7.906-143	7.906-066	7.906-052.2	7.906-099	7.906-049.6	7.906-100	7.906-055.3
Name	Low-Pressure Water Seal	Packing	Name	Discharge Valve Seat	Discharge Valve Spring	Discharge Valve Disc	Discharge Valve Seal	Valve Body	Packing Cylinder O-ring	Suction Valve Disc	End Cover Seal Rin
Quantity	3	3	Quantity	3	3	3	3	3	3	3	3

Oil Seal Kit			Plunger Kit	
Index	29	33	Index	14
Part Number	7.906-051.3	7.906-051.4	Part Number	7.906-090
Name	Rotating Oil Seal	Crankcase Oil Seal	Name	Plunger
Quantity	1	3	Quantity	3