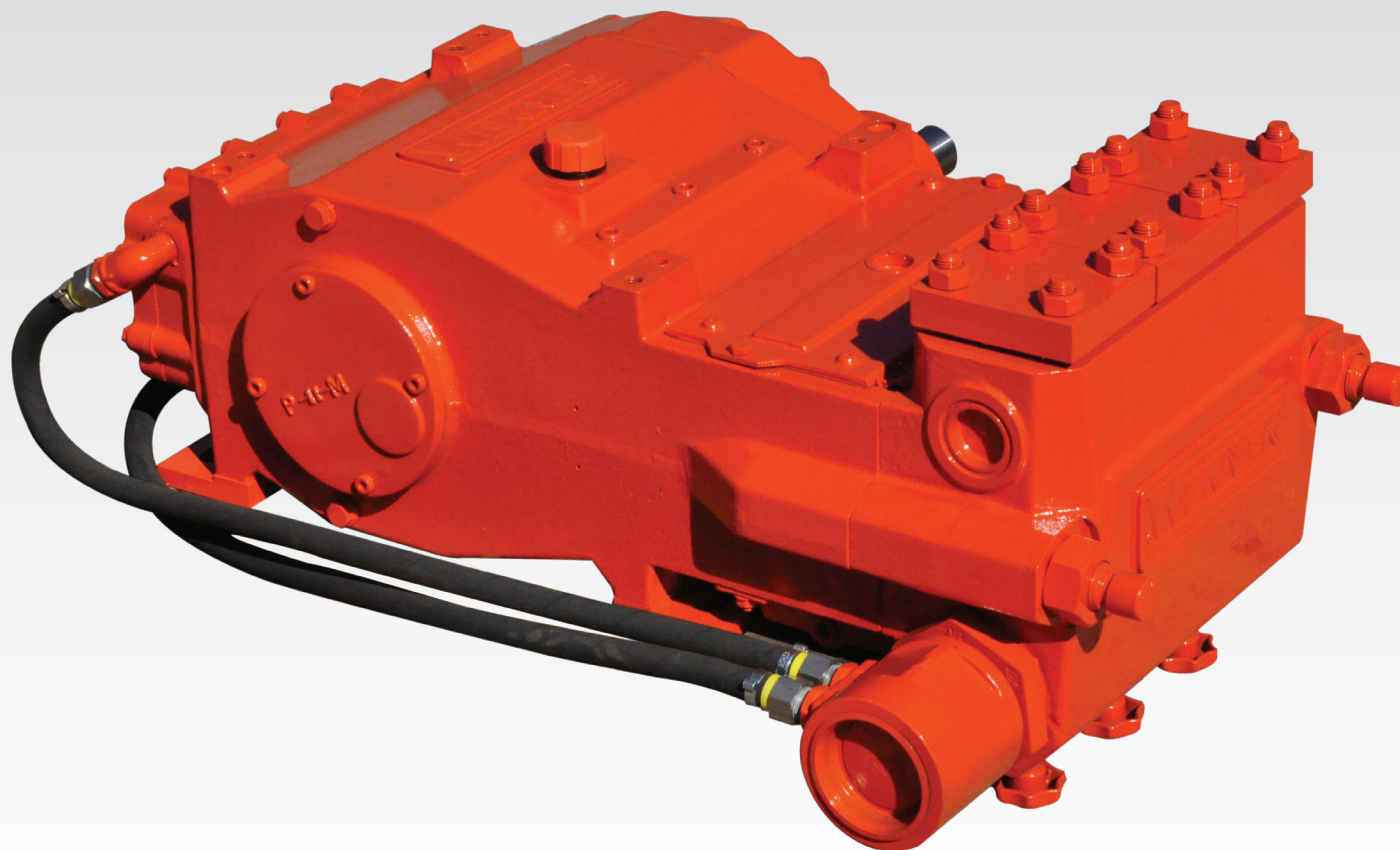
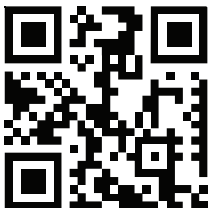


WERNER



WERNER KD 708





WERNER KD 708

High-Pressure Triplex Plunger Pump

The Werner KD 708, represents South African-engineered durability and precision. Its rugged, compact frame and heavy-duty liquid end are purpose-built to withstand harsh operating conditions across industrial and service sectors.

High-Pressure Triplex Plunger Pump 75 kW

- Pump Type: Reciprocating triplex plunger pump
- Stroke Length: 60 mm
- Drive Options: Multiple configurations available
- Primary Applications:
 - High-pressure cleaning
 - Jetting systems
 - Industrial processing
 - Applications involving clear water, recycled water and hot water
- The KD 708 series is designed for minimum energy consumption and low operational wear, achieved through superior mechanical efficiency and precision hydraulic engineering.
- Weight (According to Version)
 - KD 708 A1 / A2: ≈ 230 kg
 - KD 708 G (A1/A2): ≈ 240 kg
 - KD 708 GS (A1/A2): ≈ 255 kg
 - KD 708 GK (A1/A2): ≈ 265 kg
 - KD 708 GKS (A1/A2): ≈ 280 kg
 - KD 708 K (A1/A2): ≈ 255 kg
 - KD 708 GK (C1): ≈ 260 kg
 - KD 708 GKS (C1): ≈ 275 kg
 - KD 708 K (C1): ≈ 250 kg

Power ends and design

- The KD 708 power end incorporates:
 - Special crosshead sealing for enhanced lifespan
 - Optional power-end cooling depending on duty cycles
 - Horizontal drive configuration, selectable for left- or right-hand drive
 - High admissible radial load on the drive shaft (available on request)
 - Direction of rotation fully selectable

- The KD 708 liquid end is available in multiple custom configurations, making it suitable for handling:
 - Thin liquids
 - Neutral or aggressive fluids
 - Abrasive materials
 - Hot, cold, or recycled water
 - Toxic or chemically reactive media

- This adaptability is central to the pump's reputation for versatility.

Drive

- KD 708: Standard bareshaft version (no integral gear)
- KD 708 G: Integrated gear drive
- KD 708 GS: Integrated gear, 180° rotated
- KD 708 H: Hydraulic drive flange (G & GS versions only)
- Connections for suction and discharge are available on either side, simplifying system integration.

Liquid ends

- Version A1 / A2
 - Integral stuffing box configuration
 - Suitable for clear, recycled and hot water applications
- Version C1
 - Stainless steel construction
 - Single stuffing boxes
 - Optional suction valve release system for wear-free changeover between load and unload phases



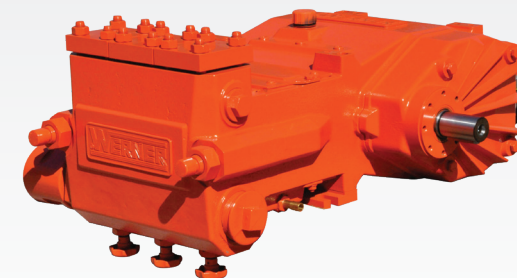
Technical Data

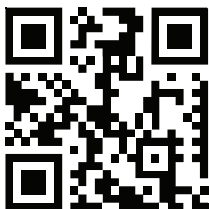
Drive speed			min ⁻¹	1000			1200			1500			1800			2100		2500
Gear ratio			i _{gear}	3.42	3.00	2.65	3.42	3.00	2.65	3.42	3.00	2.65	3.42	3.00	2.65	3.42	3.00	3.42
Pump speed			min ⁻¹	292	333	377	351	400	452	438	500	566	526	600	679	614	700	731
Vers.	Pres (bar)	Plunger (mm)		Capacity			l/min (±2%)						Power required			kW (+3%)		
A1	135	55	l/min	122	138	156	145	165	186	181	205	231	215	245	275	250	283	295
			kW	30	34	38	36	41	46	45	51	57	53	60	68	62	70	73
	160	50	l/min	100	114	128	120	136	153	149	169	190	177	201	226	206	233	243
			kW	29	33	38	35	40	45	44	49	56	52	59	66	60	68	71
	200	45	l/min	80	91	103	96	109	123	119	136	153	142	162	182	165	187	195
			kW	29	34	38	35	40	45	44	50	56	52	59	67	61	69	72
	250	40	l/min	63	71	80	75	85	96	93	106	119	111	126	142	129	146	152
			kW	29	33	37	34	39	44	43	48	54	51	58	65	59	67	70
A2	250	40	l/min	63	71	80	75	85	96	93	106	119	111	126		129		
			kW	29	33	37	34	39	44	43	48	54	51	58		59		
	400	32	l/min	39.4	44.9	50.8	47.2	53.9	60.9	59	67.3	76.1	70.8	80.8		82.6		
			kW	29	33	37	34	39	44	43	49	55	52	59		60		
	520	28	l/min	29	33.1	37.4	34.8	39.7	44.9	43.5	49.7	56.2	52.3	59.6		61		
			kW	27	31	35	33	37	42	41	47	53	49	56		57		
C1	800	22	l/min	18.8	21.4	24.3	22.6	25.7	29.1	28.2	32.1	36.4	33.8	38.6	43.7	39.5	45	47
			kW	27	31	35	33	37	42	41	47	53	50	57	64	58	66	69
	1000	20	l/min	15.2	17.3	19.6	18.2	20.8	23.5	22.8	26	29.4	27.4	31.2	35.3	31.9	36.4	38
			kW	27	31	36	34	38	43	42	48	54	50	57	64	59	67	70
	1200	18	l/min	12.1	13.8	15.6	14.5	16.6	18.7	18.1	20.6	23.4	21.7	24.7	28.1	25.3	28.8	30.1
			kW	26	30	34	32	36	41	40	45	51	48	54	61	56	63	66

- 1 bar=14.5038 psi; 1 l/min=0.26417 USGPM=0.22 IPGPM; 1kW=1.3410 HP; 1mm=0.03937 inch

Technical Specifications

- Admissible radial load of drive shaft upon request
- Optional crankshaft overload protection
- Direction of rotation selectable
- Capacity and recommended motor ratings as mentioned apply water the average volumetric and mechanical efficiency are taken into consideration
- Liquid end design depends on liquid handled and operation conditions
- Other operating data and detailed dimensions are available on request
- Speed imitation at different pressure stages is due to design
- The required suction pressure depends on application and pump design
- Suction and discharge connection are available on either side





Get in touch

For all high-pressure jetting,
pumping and industrial water solution requirements,
Werner South Africa Pumps offers:

- Full technical support
- Professional servicing
- Locally engineered, premium-quality solutions



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