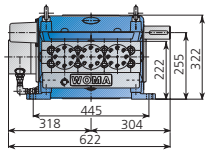
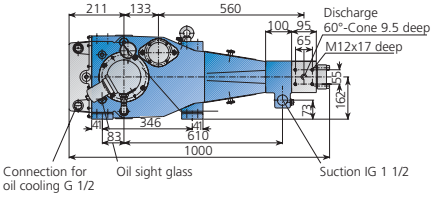
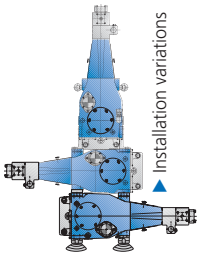
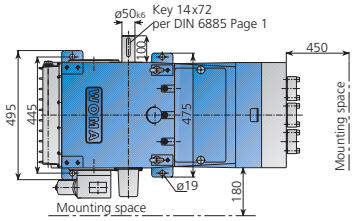
High-Pressure Plunger Pump Type 250 Z





All dimensions in mm
Thread "M" as per DIN 13/ISO 261
Thread "G" as per DIN ISO 228/1





Technical data:

- Oil capacity: approx. 8 l
- Weight: approx. 350 kg net
- Stroke: 95 mm/3.75 inch
- Inlet pressure required: 3 – 8 bar/45 – 115 psi
- Rod force: 70 kN

Performance Chart Pump Type 250 Z

Plunger diameter (mm)	Gear ratio Pinion shaft (Rpm) 1,500	1,800	2,100	Crank shaft (Rpm)	Required drive (kW)	Nominal flow rate USG pm	IMPG pm	l/min	Max. permissible operating pressure (psi/bar)
P 24	3.04	3.57 4.52	4.52	464	150	15.1	12.5	57	21,750/1,500
	3.57			504	163	16.4	13.6	62	
	4.52			398	129	12.9	10.8	49	
				493	159	15.9	13.2	60	
				420	136	13.5	11.2	51	
				331	107	10.6	8.8	40	
P 26	3.04	3.57 4.52	4.52	464	154	17.7	14.7	67	18,850/1,300
	3.57			504	167	19.3	16.1	73	
	4.52			398	132	15.1	12.5	57	
				493	164	18.8	15.6	71	
				420	139	15.9	13.2	60	
				331	110	12.7	10.6	48	
P 28	3.04	3.57 4.52	4.52	464	160	20.6	17.2	78	16,675/1,150
	3.57			504	173	22.2	18.5	84	
	4.52			398	137	17.7	14.7	67	
				493	170	21.9	18.3	83	
				420	144	18.5	15.4	70	
				331	114	14.5	12.1	55	
P 30	3.04	3.57 4.52	4.52	464	159	24.0	20.0	91	14,500/1,000
	3.57			504	174	26.2	21.8	99	
	4.52			398	138	20.6	17.2	78	
				493	171	25.4	21.1	96	
				420	145	21.7	18.0	82	
				331	115	17.2	14.3	65	
P 35	3.04	3.57 4.52	4.52	464	160	32.5	27.1	123	10,440/ 720
	3.57			504	173	35.1	29.3	133	
	4.52			398	137	27.7	23.1	105	
				493	170	34.3	28.6	130	
				420	144	29.3	24.4	111	
				331	114	23.2	19.4	88	