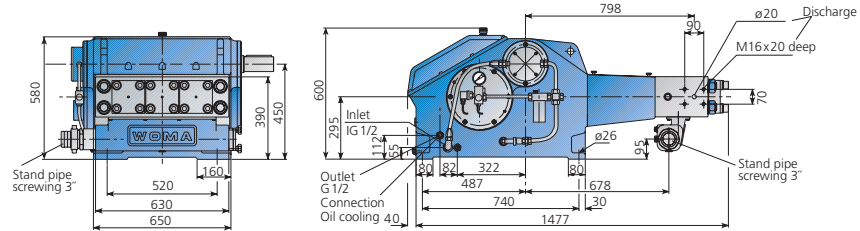




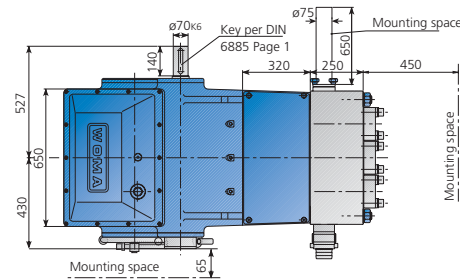
High-Pressure Plunger Pump Type 550 Z



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. 45 l
- ▶ Weight: approx. 1420 kg net
- ▶ Stroke: 140 mm/5.51 inch
- ▶ Inlet pressure required: 3 – 8 bar/45 – 115 psi
- ▶ Rod force: 128 kN



Performance Chart Pump Type 550 Z

Plunger diameter (mm)	Gear ratio			Crank shaft (Rpm)	Required drive (kW)	Nominal flow rate			Max. permissible operating pressure (psi/bar)
	Pinion shaft (Rpm)					USG pm	IMPG pm	l/min	
	1,500	1,800	2,100						
P 30	3.30 3.96 4.60	3.96 4.60	4.60	457	340	33.02	27.50	125	21,750/1,500
				455	339	33.02	27.50	125	
				391	292	28.27	23.54	107	
				455	339	33.02	27.50	125	
				379	282	27.47	22.88	104	
				326	243	23.51	19.58	89	
P 35	3.30 3.96 4.60	3.96 4.60	4.60	457	406	45.44	37.84	172	18,850/1,300
				455	404	45.44	37.84	172	
				391	348	39.10	32.56	148	
				455	404	45.44	37.84	172	
				379	337	37.78	31.46	143	
				326	290	32.49	27.06	123	
P 40	3.30 3.96 4.60	3.96 4.60	4.60	457	414	60.50	50.37	229	14,500/1,000
				455	412	60.23	50.15	228	
				391	355	51.78	43.11	196	
				455	412	60.23	50.15	228	
				379	344	50.19	41.79	190	
				326	296	43.06	35.86	163	
P 45	3.30 3.96 4.60	3.96 4.60	4.60	457	424	77.40	64.45	293	11,600/ 800
				455	422	76.87	64.01	291	
				391	363	66.31	55.21	251	
				455	422	76.87	64.01	291	
				379	352	64.19	53.45	243	
				326	303	76.61	63.79	290	
P 50	3.30 3.96 4.60	3.96 4.60	4.60	457	428	96.16	80.07	364	9,425/ 650
				455	427	95.63	79.63	362	
				391	367	82.42	68.63	312	
				455	427	95.63	79.63	362	
				379	355	79.78	66.43	302	
				326	306	68.68	57.19	260	