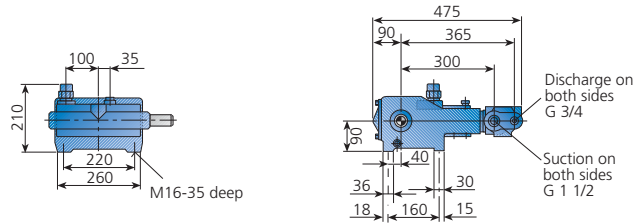


# Technical Data

## High-Pressure Plunger Pump Type 252 / 702

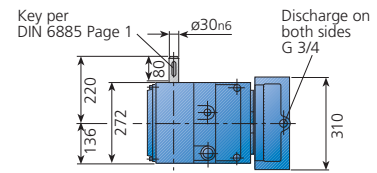
All dimensions in mm  
 Thread "M" as per DIN 13/ISO 261  
 Thread "G" as per DIN ISO 228/1



### Technical Data:

- ▶ Oil capacity: approx. 1.8 l
- ▶ Weight: approx. 50 kg net
- ▶ Stroke: 45 mm/1.77 inch
- ▶ Inlet pressure required\*: 2 bar/30 psi
- ▶ Rod force: 7.5 kN

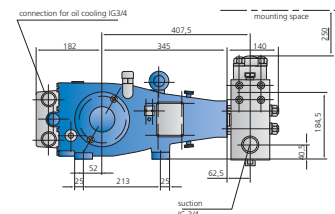
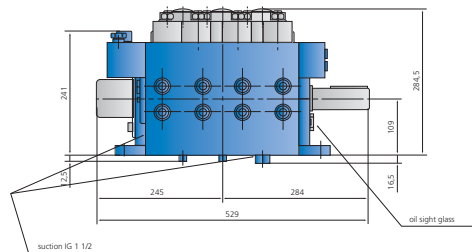
\* Depends on operating mode, crank shaft speed and water temperature



Performance Chart Pump Type 252

Plunger diameter (mm)	Crank shaft (Rpm)	Required drive (kW)	Nominal flow rate			Maximum permissible operating pressure (psi/bar)
			USG pm	IMPG pm	(l/min)	
P 22	1,000	18	13.5	11.2	51	2,900/200
	750	13	10.0	8.4	38	
P 24	1,000	18	16.1	13.4	61	2,320/160
	750	14	11.9	9.9	45	
P 26	1,000	18	18.8	15.6	71	1,958/135
	750	13	14.0	11.7	53	
P 30	1,000	18	25.1	20.9	95	1,450/100
	750	13	18.8	15.6	71	
P 35	1,000	18	34.1	28.4	129	1,088/ 75
	750	14	25.6	21.3	97	

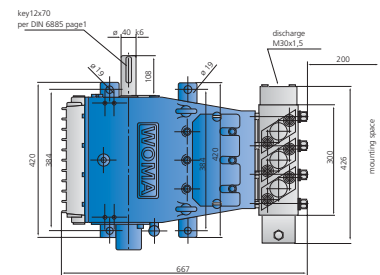
All dimensions in mm  
 Thread "M" as per DIN 13/ISO 261  
 Thread "G" as per DIN ISO 228/1



### Technical Data:

- ▶ Oil capacity: approx. 3.2 l
- ▶ Weight: approx. 150 kg net
- ▶ Stroke: 44.5 mm/1.75 inch
- ▶ Inlet pressure required\*: 2 bar/3 bar – 30 psi/43,5 psi (1000 Rpm)
- ▶ Rod force: 21 kN

\* Depends on operating mode, crank shaft speed and water temperature



Performance Chart Pump Type 702

Plunger diameter (mm)	Crank shaft (Rpm)	Required drive (kW)	Nominal flow rate			Maximum permissible operating pressure (psi/bar)
			USG pm	IMPG pm	(l/min)	
P20	1000	47	10.30	8.58	39	9,425/650
	750	35	7.66	6.38	29	
P24	1000	48	15.32	12.76	58	6,500/450
	750	37	11.36	9.46	43	
P26	1000	50	17.96	14.96	68	5,800/400
	750	37	13.47	11.22	51	
P30	1000	50	24.04	20.02	91	4,400/300
	750	37	17.96	14.96	68	
P35	1000	51	33.02	27.50	125	3,200/220
	750	38	24.83	20.68	94	
P40	1000	51	43.59	36.30	165	2,500/170
	750	38	32.49	27.06	123	
P45	1000	52	55.21	45.97	209	1,958/135
	750	38	41.48	34.54	157	