

Technical data, series HAMPRO® 40: Performance parameters (standard design)

HAM PRO®	Q** [l/min]	Q** [m³/h]	Required power rating [kW]			D [mm]	r.p.m.	
			15	22	37		n1	n2
			Operating pressure [bar]					
44	4	0,24	1700	2500	3400	12	1401/1681	*490
	5,7	0,34	1350	2050	3000		1500/1800	625
	8,2	0,49	930	1350	2400		1500/1800	900
	6,8	0,41	1050	1600	2200	15	1401/1681	*490
	8,5	0,51	860	1250	2200		1500/1800	625
	13	0,78	600	880	1500	17,5	1500/1800	900
	9,5	0,57	800	1150	1600		1401/1681	*490
	12,5	0,75	630	930	1550		1500/1800	625
18	1,08	440	650	1100	1500/1800	900		

43	12,7	0,76	610	900	1200	20	1401/1681	*490
	16,5	0,99	480	710	1200		1500/1800	625
	20	1,20	400	590	1000		1500/1800	750

42	15	0,90	500	740	1000	22	1401/1681	*490
	20	1,20	400	590	980		1500/1800	625
	24	1,44	330	490	820		1500/1800	750
	19	1,14	420	620	860	24	1401/1681	*490
	24	1,44	330	490	830		1500/1800	625
	29	1,74	280	410	690	26	1500/1800	750
	22	1,32	360	530	730		1401/1681	*490
	28	1,68	280	420	710	30	1500/1800	625
	34	2,04	240	350	590		1500/1800	750
	30	1,8	270	380	550	35	1401/1681	*490
	38	2,3	210	310	530		1500/1800	625
	45	2,7	180	260	440	40	1500/1800	750
	41	2,5	200	290	400		1401/1681	*490
	52	3,1	150	230	390	45	1500/1800	625
	62	3,7	130	190	320		1500/1800	750
	54	3,2	150	220	310	50	1401/1681	*490
	68	4,1	120	170	300		1500/1800	625
	82	4,9	100	145	250	55	1500/1800	750
	68	4,1	120	170	240		1401/1681	*490
	86	5,2	95	140	230	50	1500/1800	625
	103	6,2	80	115	190		1500/1800	750
	84	5,0	95	140	195	55	1401/1681	*490
	107	6,4	75	110	190		1500/1800	625
	128	7,7	65	95	160	55	1500/1800	750
101	6,1	80	115	160	1401/1681		*490	
129	7,7	60	90	160	55	1500/1800	625	
155	9,3	50	75	130		1500/1800	750	

Data

- Rod force: 39 kN
- Stroke: 30 mm
- Mean plunger speed at n2:

490 r.p.m. = 0,49 m/sec

625 r.p.m. = 0,63 m/sec

750 r.p.m. = 0,75 m/sec

900 r.p.m. = 0,90 m/sec

Certificates

- Machine directive 2006/42/EG
- ATEX 2014/34/EG
- API 674
- TA-Luft (Clean Air)
- NORSOK M501
- NORSOK M650
- NACE MR0175

Standards

- DIN EN ISO 9001
- DIN EN ISO 14001
- DIN EN ISO 50001
- BS OHSAS 18001
- ASME-U
- Achilles
- EAC



Hammelmann plunger pumps convert 93 to 98 % of the shaft power to hydraulic energy.

**Data refer to the medium water (compressibility considered)

* Speed limit for continuous service according to API 674 – 6.3.1

D = Plunger diameter

n1 = Motor/Engine r.p.m.

n2 = Crankshaft r.p.m.