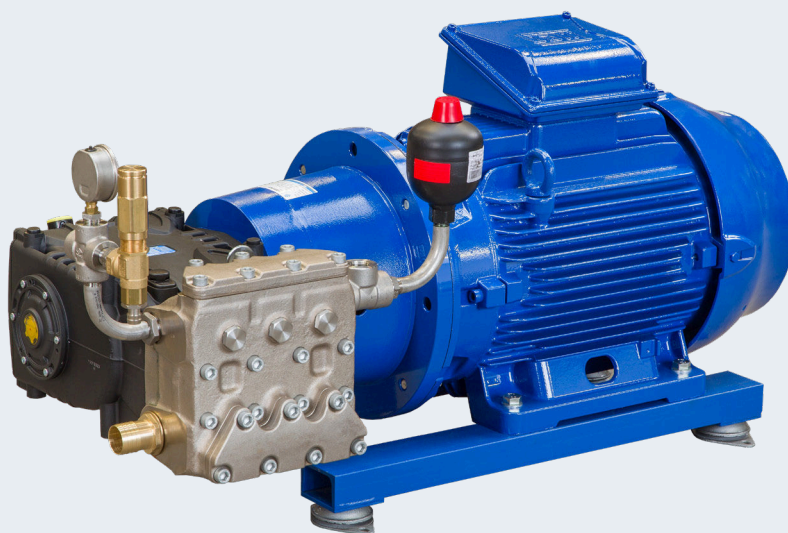




[High-pressure pumps](#) [Plunger pumps](#) [Positive displacement pumps](#)

Description

The Pratissoli series of high-pressure pumps includes models equipped with a 420 stainless steel pump head and three plungers. 420 stainless steel is notably resistant to corrosion and is magnetic. To enhance the aesthetic appearance, the stainless steel pump head is chemically nickel-plated (exception the EV has a pump housing made of cast iron). The ceramic plungers are Pratissoli's own manufacture. These pumps are straightforward to install and are characterized by their extended lifespan. In the assembly of these pumps into a pump set, we directly couple the electric motor with the pump.

Applications

- o Cleaning
- o Humidification
- o Dust reduction

Specifications

The following specifications are applicable to the EV, KE, KF, SN, and SS series:

- o Suitable for clean fluids without chemicals and for continuous use (Except the EV)
- o Configuration:

- Pump head made of 420 stainless steel, surface chemically nickel-plated
- High-quality aluminum crankcase
- Full ceramic plungers
- Leak-free plunger packing
- Stainless steel valves with a plastic cage
- Full ceramic plungers with a water-cooled gland seal
- High-quality aluminum connecting rods
- o Capacity: KE series up to 100 l/min, KF series up to 170 l/min, HF series up to 73 l/min
- o Pressure: up to 300 bar
- o Speed: up to 1450 rpm
- o Fluid temperature: max. 55 °C
- o Splash lubrication
- o KF, SN71, SS71 in ATEX configuration

Special models

- o EV
 - cast iron with polymer coating
 - up to 94 l/min
 - max. pressure: 250 bar
 - max. temperature: 40 °C



Special models

o 70.SN/71.SN (KE/KF)

- 420 stainless steel
- up to 170 l/min
- max. pressure: 300 bar
- max. temperature: 85 °C

o 70.SS/71.SS (KE/KF)

- 316 stainless steel
- up to 170 l/min
- max. pressure: 200 bar
- max. temperature: 85 °C

Type and specifications Pratissoli

PUMP TYPE	CAPACITY l/min	PRESSURE bar	SPEED rpm	POWER kW	WEIGHT kg	DIMENSIONS mm excl. motor
KE 20	30	300	1450	18,4	36	387×341×196
KE 22	37	250	1450	18,4	36	387×341×196
KE 24	45	210	1450	18,4	36	387×341×196
KE 28H	61	150	1450	18,4	36	387×341×196
KE 30H	70	130	1450	18,4	36	387×341×196
KE 36H	100	100	1450	18,4	36	387×341×196
KF 28	93	210	1000	37	69	526×367×253
KF 30	106	200	1000	40	69	526×367×253
KF 32	120	180	1000	41,2	69	526×367×253
KF 36	153	130	1000	38,2	69	526×367×253
KF 40	170	110	900	36	69	526×367×253
SN70 30	30	300	1450	18,4	36	387×341×196
SN70 37	37	250	1450	18,4	36	387×341×196
SN70 45	45	210	1450	18,4	36	387×341×196
SN70 61	61	150	1450	18,4	36	387×341×196
SN70 70	70	130	1450	18,4	36	387×341×196
SN70 91	100	100	1450	19,1	36	387×341×196
SN71 93	93	210	1000	37,0	69	526×367×253
SN71 106	106	200	1000	40,0	69	526×367×253
SN71 153	122	160	800	37,5	69	526×367×253
	137	140	900	37,0	69	526×367×253
	153	130	1000	38,2	69	526×367×253
SN71 170	170	110	900	36,0	69	526×367×253
SS70 30	30	200	1450	11,7	36	387×341×196
SS70 37	37	200	1450	14,0	36	387×341×196
SS70 45	45	200	1450	17,6	36	387×341×196
SS70 61H	61	150	1450	17,6	36	387×341×196
SS70 70H	70	130	1450	17,6	36	387×341×196
SS70 91H	100	100	1450	19,1	36	387×341×196
SS71 93	93	200	1000	35,3	69	526×367×253
SS71 106	106	200	1000	40,0	69	526×367×253
	122	160	800	37,5	69	526×367×253
SS71 153	137	140	900	37,0	69	526×367×253
	153	130	1000	38,2	69	526×367×253
SS71 170	170	100	900	36,0	69	526×367×253
EV20	48	250	1450	22,9	31	435×309×198
EV22	58	250	1450	27,6	31	435×309×198
EV25	75	180	1450	19,9	31	435×309×198
EV26	81	180	1450	24,1	31	435×309×198
EV28	94	150	1450	21,5	31	435×309×198