

CEREX METERING PUMP TYPE K

For a quick and affordable flow control solution that delivers on quality and reliability, the Bran+Luebbe CEREX K metering pump is an ideal choice. Its double diaphragm design, combined with built-in failure detection, delivers superior leak prevention performance compared to single diaphragm pumps with a similar price point. In addition, the CEREX K metering pump is constructed from standard, proven components held in stock - minimizing build time without compromising on quality.

Performance Data

Flow rate:	between approx. 12 and 1200 l/h
Pressure:	max 103 bar (1500 psi)
Fluid viscosity:	max 1000 cP
Fluid temperatures:	-10 to +93 °C for metallic housing
Ambient temperatures:	-10 to +50 °C for plastic housing -10 to +50 °C
Motor:	0.75 to 1.5 kW, depending on duty frame sizes 80 and 90 Voltage per local requirements

Applications

- Industrial water and waste water treatment
- Boiler feed water treatment
- Chemicals dosing
- Oil & Gas additives dosing

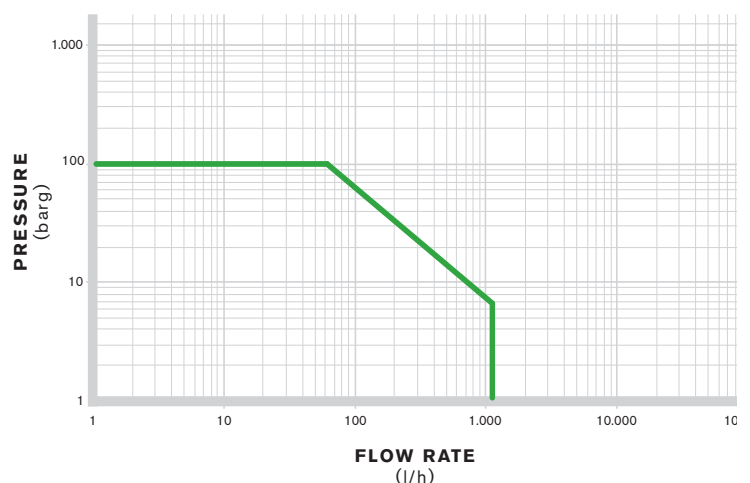
Standard Features

- API 675 compliance
- Hydraulically actuated double PTFE diaphragm
- Diaphragm condition monitoring with pressure gauge
- Double ball or spring loaded cone type check valves (depending on pump size)
- Connections: NPT (metallic) or union end (plastic)
- Liquid-wetted material available as 316L type or plastic
- Manual linear stroke adjustment from 0 to 100%
- Motor suiting safe area
- Standard paint system
- Pumps with plastic housings with ball valves and suitable connections



Options

- Flange connections
- Motor suiting hazardous area
- Variable speed motors for turndown 1:5
- Electronic stroke adjustment



CAPACITY TABLE 50 HZ

Stroking Speed	Max Pressure	Flow Rate at 7 barg	Flow Rate at 10 barg	Flow Rate at 18 barg	Flow Rate at 103 barg
spm	barg	l/h			
50	103	17.2	17.0	16.9	15.5
72		24.8	24.6	24.3	22.3
100		34	34	33	31
144		50	50	49	45
200		69	68	68	62
50	18	118	117	116	
72		171	169	168	
100		237	235	232	
144		341	338	334	
200		474	469	465	
50	10	211	209		
72		303	300		
100		421	417		
144		606	600		
200		842	834		
50	7	311			
72		447			
100		621			
144		894			
200		1,242			

Pumps with plastic wet end are available for certain flow rates only, these are highlighted. Please note that plastic pumps are generally limited to max 10 barg operating pressure.

CAPACITY TABLE 60 HZ

Stroking Speed	Max Pressure	Flow Rate at 7 barg	Flow Rate at 10 barg	Flow Rate at 18 barg	Flow Rate at 103 barg
spm	barg	l/h			
60	103	20.6	20.4	20.2	18.5
86		29.6	29.3	29.0	26.6
120		41	41	40	37
172		59	58	58	53
60	18	142	141	139	
86		204	202	200	
120		284	281	278	
172		407	403	399	
60	10	253	250		
86		362	358		
120		505	500		
172		724	717		
60	7	373			
86		534			
120		745			
172		1,068			

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Global Locations

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