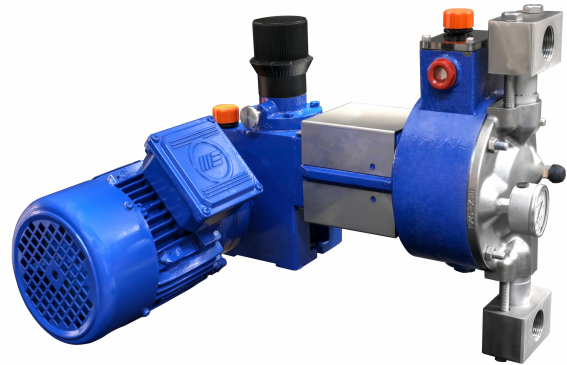


CEREX METERING PUMP TYPE P

For a quick and affordable flow control solution that delivers on quality and reliability, the Bran + Luebbe CEREX P 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 P metering pump is constructed from standard, proven components held in stock - minimizing build time without compromising on quality.

Performance data

Flow rate:	between approx. 1 and 300 l/h
Pressure:	max 103 bar (1500 psi)
Fluid viscosity:	max 500 cP
Fluid temperatures:	-10 to +93 °C for metallic housing -10 to +50 °C for plastic housing
Ambient temperatures:	-10 to +50 °C
Motor:	0.55 kW, 2 pole or 0.37 kW, 4 pole frame size 71 voltage as per local requirements



Applications

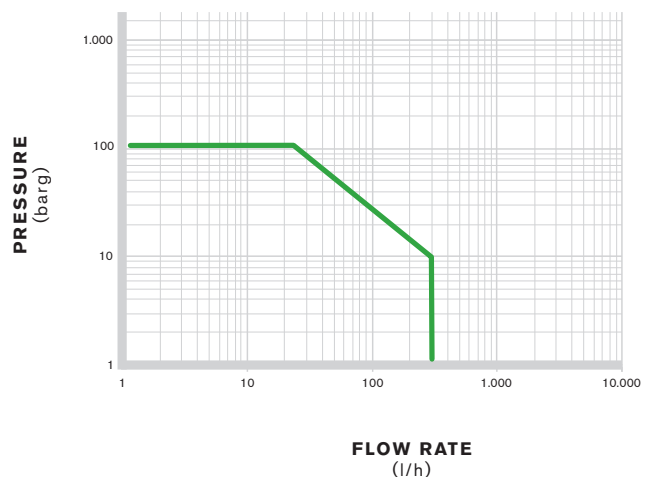
- Industrial water and waste water treatment
- Boiler feed water treatment
- Chemicals dosing
- Oil & Gas additives dosing

Options

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

Standard Features

- API 675 compliance
- Hydraulically actuated plastic double PTFE diaphragm
- Diaphragm condition monitoring with pressure gauge
- Double ball check valves
- Connections: Tube fitting, NPT or flange depending on pump size
- Liquid-wetted material available as 316L type or plastic
- Manual linear stroke adjustment from 0 to 100%
- Motor suiting safe area
- Standard paint system



CAPACITY TABLE 50 HZ

Stroking Speed	Max Pressure	Flow Rate at 7 barg	Flow Rate at 11 barg	Flow Rate at 21 barg	Flow Rate at 52 barg	Flow Rate at 103 barg
spm	barg	l/h				
50	103	1.02	1.01	0.99	0.92	0.81
72		1.47	1.46	1.43	1.33	1.17
100		2.04	2.03	1.98	1.85	1.63
144		2.94	2.92	2.86	2.66	2.34
200		4.09	4.05	3.97	3.69	3.25
50	103	2.65	2.61	2.50	2.17	1.62
72		3.82	3.76	3.60	3.12	2.33
100		5.3	5.2	5.0	4.34	3.24
144		7.6	7.5	7.3	6.3	4.7
200		10.6	10.4	10.0	8.7	6.5
50	103	6.4	6.3	6.2	5.9	5.4
72		9.2	9.1	8.9	8.5	7.8
100		12.8	12.6	12.4	11.7	10.9
144		18.4	18.2	17.8	16.9	15.6
200		25.5	25.2	24.7	23.5	21.7
50	52	17.9	17.7	17.5	17.0	
72		25.8	25.5	25.3	24.5	
100		36	36	35	34	
144		52	51	51	49	
200		72	71	71	68	
50	21	40	40	39		
72		58	57	57		
100		81	80	79		
144		116	115	114		
200		161	159	158		
50	11	79	78			
72		114	113			
100		158	156			
144		227	225			
200		316	313			

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 11 barg	Flow Rate at 21 barg	Flow Rate at 52 barg	Flow Rate at 103 barg
spm	barg	l/h				
60	103	1.22	1.21	1.19	1.10	0.97
86		1.76	1.74	1.71	1.59	1.40
120		2.45	2.44	2.38	2.22	1.96
172		3.51	3.49	3.42	3.18	2.80
60		103	3.18	3.13	3.00	2.60
86	4.56		4.49	4.30	3.73	2.78
120	6.4		6.3	6.0	5.2	3.9
172	9.1		9.0	8.6	7.5	5.6
60	103		7.7	7.6	7.4	7.0
86		11.0	10.9	10.6	10.1	9.3
120		15.3	15.1	14.8	14.1	13.0
172		21.9	21.7	21.2	20.2	18.7
60		52	21.5	21.3	21.1	20.4
86	31		31	30	29.5	
120	43		43	42	41	
172	62		61	61	59	
60	21		48	48	47	
86		69	68	68		
120		97	96	95		
172		139	138	136		
60		11	95	94		
86	136		135			
120	190		188			
172	272		269			

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.

Global Locations

AUSTRALIA

SPX FLOW TECHNOLOGY

300 Wellington Road,
Mulgrave
Victoria3170
Phone: +61 3 9589 9222
E-Mail: FT.AUS.CS@spxflow.com

CHINA

SPX FLOW TECHNOLOGY CHINA

5F Treasury building
1568 Hua Shan Road, Shanghai
Phone: +86 - 21 - 220 858 58
+86 - 13 - 817 310 890
E-Mail: bl-china@spxflow.com

INDIA

SPX FLOW TECHNOLOGY INDIA

PVT. LTD.
G-72/73 RIICO Industrial Area
Mansarovar, Jaipur - 302020,
Phone: +91 141 3086600
E-Mail: ftindia.information@spxflow.com

KOREA

SPX FLOW TECHNOLOGY

#14, 14F (Yeouido-dong, KT Building)
Yeoui-daero, Yeongdeungpo-gu
Seoul, 07320
Phone: +82 (2) 6297 4006
E-Mail: ftkorea@spxflow.com

SINGAPORE

SPX FLOW TECHNOLOGY

20 Pioneer Crescent #06-01
West Park BizCentral
Singapore 628555
Phone: +65 6264 4366
E-Mail: asia.pacific@spxflow.com

AFRICA

SPX FLOW TECHNOLOGY AFRICA

Growthpoint Business Park
Building 12b(ii), Tonetti Street
Midrand, Johannesburg
South Africa
Phone: +27 11 207 3700

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