

Concept ^{PLUS} Series

ProMinent®



The ProMinent Concept Plus Series covers a capacity range of 0.74 – 21.9 l/h at pressure up to 16 bar

It's compact construction and features make it ideal for use in flow proportional or on/off control applications. The Concept Plus mounts easily onto a tank or wall bracket. Adjustment of the pump capacity is via the stroke length in the range of 10-100% or can be set at 1 of the 4 stroke frequency settings. This gives an adjustment ratio of 40:1

| Type | Type Pump capacity at max back pressure | | | Pump capacity at medium back pressure | | | Stroke rate strokes/min. | Connection size | suction lift m WS |
|-----------|---|-------|-----------|---------------------------------------|------|-----------|-----------------------------|-----------------|----------------------|
| | bar | l/h | ml/stroke | bar | l/h | ml/stroke | | out x in mm | |
| CNPB 1000 | 10 | 0.74 | 0.07 | 5 | 0.97 | 0.09 | 180 | 6x4 | 6 |
| CNPB 1601 | 16 | 1.10 | 0.10 | 8 | 1.4 | 0.13 | 180 | 6x4 | 6 |
| CNPB 1602 | 16 | 1.50 | 0.10 | 8 | 1.9 | 0.13 | 240 | 6x4 | 6 |
| CNPB 1002 | 10 | 2.10 | 0.19 | 5 | 2.6 | 0.24 | 180 | 6x4 | 5 |
| CNPB 1003 | 10 | 3.00 | 0.21 | 5 | 4.3 | 0.24 | 240 | 6x4 | 5 |
| CNPB 0704 | 7 | 3.90 | 0.36 | 3.5 | 4.4 | 0.41 | 180 | 6x4 | 4 |
| CNPB 0705 | 7 | 5.20 | 0.36 | 3.5 | 5.87 | 0.59 | 240 | 6x4 | 4 |
| CNPB 0309 | 3 | 9.00 | 0.83 | 1.5 | 13 | 1.2 | 180 | 8x5 | 2 |
| CNPB 0312 | 3 | 12.00 | 0.83 | 1.5 | 17.3 | 1 | 240 | 8x5 | 2 |
| CNPB 0215 | 1.5 | 16.40 | 1.45 | 1 | 18.3 | 1.7 | 180 | 8x5 | 1.5 |
| CNPB 0223 | 1.5 | 21.90 | 1.52 | 1 | 25.2 | 1.63 | 240 | 8x5 | 1.5 |

Electrical: 100V-230V, 50/60Hz, 10-15W, 0.2-0.5A , IP65

Includes: Injection valve, Foot valve, 2m suction line ,5m discharge line, built in air bleed valve
Reproducibility accuracy +-2% (When used in accordance with operating instruction & no change in back pressure)

Optional: External control (Pulse contact and Pause Function) via Retrofit kit; Order No. 1046731

| Wetted materials | | | | |
|------------------|-------------|-----------------------------|------------|------|
| Liquid end | Dosing head | Suction/Discharge connector | Valve Ball | Seal |
| PVT | PVDF | PVDF | Ceramic | PTFE |

DEVELOPAN® Diaphragms with PTFE support in all versions

