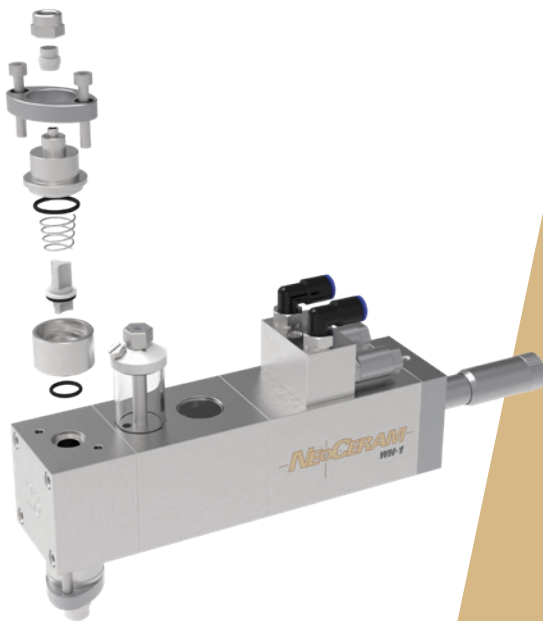


## WH-1C Check valve pump

New NeocerAM WH-1 pumps, check valve version. These pumps are ideal for products with low and medium viscosity. Their modular design makes these pumps easy to integrate with automated filling equipment.

- Volume up to 3.5 ml
- Filling accuracy of up to  $\pm 0.2\%$  or better
- Pumps actuated pneumatically or by servo motor.
- Adjustment of filling volume and speed control by a precise built-in micrometer, for pneumatic pump drive type.
- Check valve technology for low viscous products up to 20,000 cps., without any solid particles. Consult us for higher viscosity applications.
- Applications: Cosmetics, food, pharmaceutical, home care and more
- Reed-switch ready design for accurate position feedback



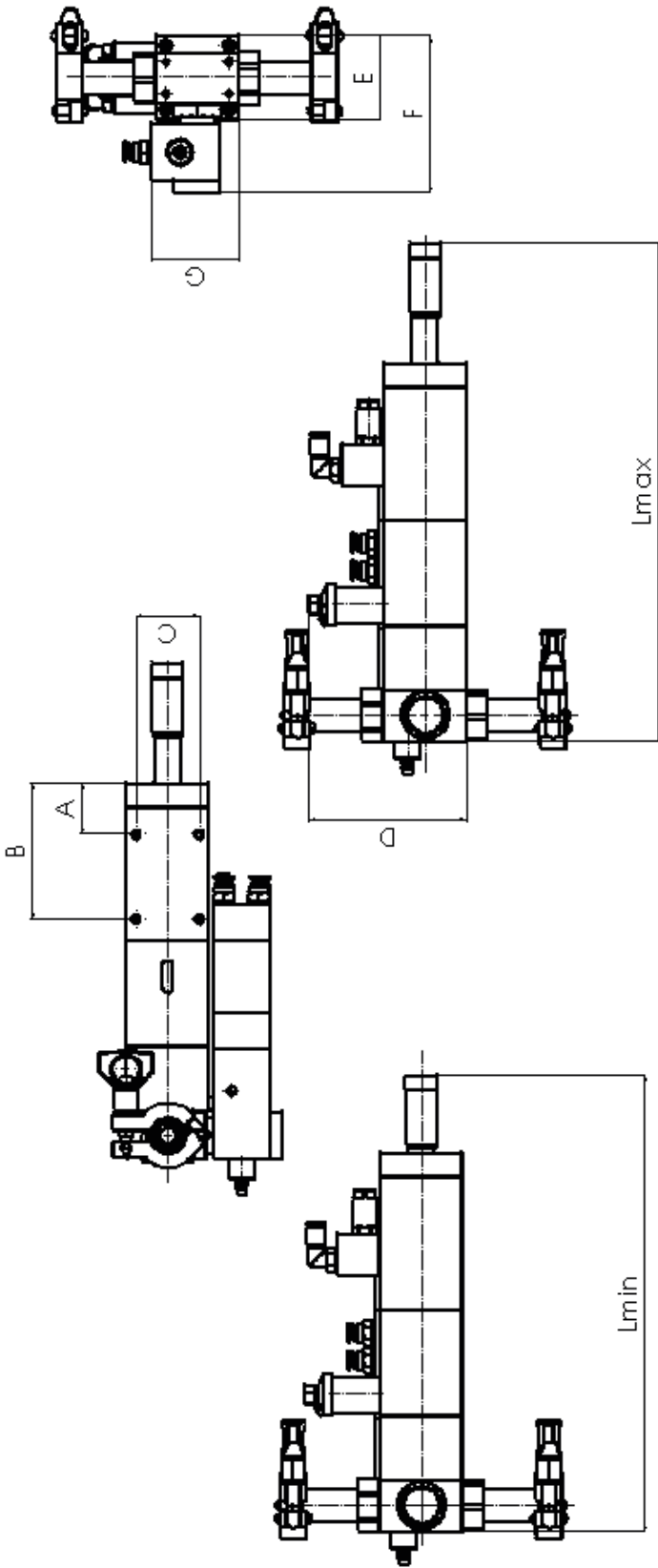
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BQA.EMS.C\_2023162



BQA.QMS.C\_1997162



Model*	Plunger diameter inches (mm)	Dispensing stroke inches (mm)	Maximum dispensing volume (ml)	Air consumption scfm (l/min)**	Maximum cycle speed cpm***	Pump dimension ****						
						A	B	C	D	E	L min	L max
WH-1PC10xxxx	0.079 (2.00)	0 - 1/4 (0 - 6.35)	0.02	0.22 (6.2)	0-300	1,685 (42.8)	3,433 (87.2)	0,892 (22.65)	1,622 (41.2)	1,244 (31.6)	7,492 (190.3)	7,75 (197)
WH-1PC11xxxx	1/8 (3.17)	0 - 1/4 (0 - 6.35)	0.05	0.22 (6.2)	0-300	1,685 (42.8)	3,433 (87.2)	0,892 (22.65)	1,622 (41.2)	1,244 (31.6)	7,492 (190.3)	7,75 (197)
WH-1PC12xxxx	3/16 (4.76)	0 - 1/4 (0 - 6.35)	0.113	0.22 (6.2)	0-300	1,685 (42.8)	3,433 (87.2)	0,892 (22.65)	1,622 (41.2)	1,244 (31.6)	7,492 (190.3)	7,75 (197)
WH-1PC13xxxx	3/16 (4.76)	0 - 1/2 (0 - 12.7)	0.225	0.44 (12.5)	0-300	1,685 (42.8)	3,433 (87.2)	0,892 (22.65)	1,622 (41.2)	1,244 (31.6)	7,492 (190.3)	7,992 (203)
WH-1PC14xxxx	1/4 (6.35)	0 - 1/2 (0 - 12.7)	0.402	0.44 (12.5)	0-300	1,685 (42.8)	3,433 (87.2)	0,892 (22.65)	1,622 (41.2)	1,244 (31.6)	7,492 (190.3)	7,992 (203)
WH-1PC15xxxx	5/16 (7.94)	0 - 1/2 (0 - 12.7)	0.626	0.44 (12.5)	0-300	1,685 (42.8)	3,433 (87.2)	0,892 (22.65)	1,622 (41.2)	1,244 (31.6)	7,492 (190.3)	7,992 (203)
WH-1PC16xxxx	7/16 (11.11)	0 - 1/2 (0 - 12.7)	1.229	0.44 (12.5)	0-300	1,685 (42.8)	3,433 (87.2)	0,892 (22.65)	1,622 (41.2)	1,244 (31.6)	7,492 (190.3)	7,992 (203)
WH-1PC17xxxx	5/8 (15.87)	0 - 1/2 (0 - 12.7)	2.514	0.44 (12.5)	0-300	1,685 (42.8)	3,433 (87.2)	0,892 (22.65)	1,622 (41.2)	1,244 (31.6)	7,492 (190.3)	7,992 (203)
WH-1PC18xxxx	3/4 (19.05)	0 - 1/2 (0 - 12.7)	3.61	0.44 (12.5)	0-300	1,685 (42.8)	3,433 (87.2)	0,892 (22.65)	1,622 (41.2)	1,244 (31.6)	7,492 (190.3)	7,992 (203)

\* Model numbers listed are for illustrative purposes of the pneumatic version. Servo driven version also available. For full pump models, please contact a Neoceram sales representative.

\*\* Air consumption values are indicative. These can vary depending on product characteristics and working conditions. This does not apply to servo drive type pumps.

\*\*\* Cycle speeds are indicative. These can vary depending on product characteristics and working conditions, as well as pump drive type.

\*\*\*\* The pump length for a servo motor will be different from the above dimensions.

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