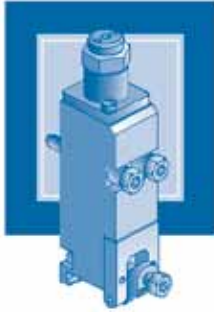
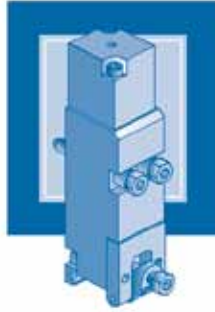

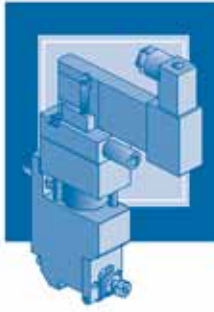


# Product Comparison: Universal™ Modules

May 2012

Specification	UM22 Module	UM25 Module	UM50 Module	Speed-Coat® Module
<b>Module</b>				
<b>Module Width</b>	22 millimeters	25 millimeters	50 millimeters	25 millimeters
<b>Target Applications</b>	Installed base of legacy 7/8-in. (22.3 mm) spacing applicators	Mid-speed intermittent and continuous	Wide-web continuous and low-speed intermittent	High-speed intermittent
<b>Compatibility</b>	22 mm Universal nozzles and adapters	25 mm Universal nozzles; 22 mm Universal CF® nozzles and adapters	25 mm Universal nozzles; 22 mm Universal CF nozzles and adapters	25 mm Universal nozzles; 22 mm Universal CF nozzles and adapters
<b>Operating Temperature</b>	70° to 205° C (160° to 400° F)			
<b>Working Hydraulic Pressure</b>	13.8 to 55.2 bar (200 to 800 psi)			
<b>Maximum Hydraulic Pressure</b>	89.6 bar (1300 psi)			
<b>Maximum Hydraulic Flow</b>	110 grams per minute @ 10,000 centipoise, 14 GSM @ 300 m/min			
<b>Actuation Air Pressure<sup>1</sup></b>	4.1 bar (60 psi) recommended	4.1 bar (60 psi) recommended	4.1 bar (60 psi) recommended	5 to 6 bar (73 to 88 psi) recommended
<b>Cycle Rate<sup>2</sup></b>	Up to 2,500 cycles per minute or 24 milliseconds for on/off cycle	Up to 2,500 cycles per minute or 24 milliseconds for on/off cycle	Up to 2,500 cycles per minute or 24 milliseconds for on/off cycle	Up to 9,000 cycles per minute or 6 milliseconds for on/off cycle
<b>Control Voltage</b>	Depends on solenoid used	Depends on solenoid used	Depends on solenoid used	24 VDC

<sup>1</sup> Oil-free air must be used.

<sup>2</sup> Maximum number of cycles depends on operating and control air pressures and adhesive viscosity.

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