

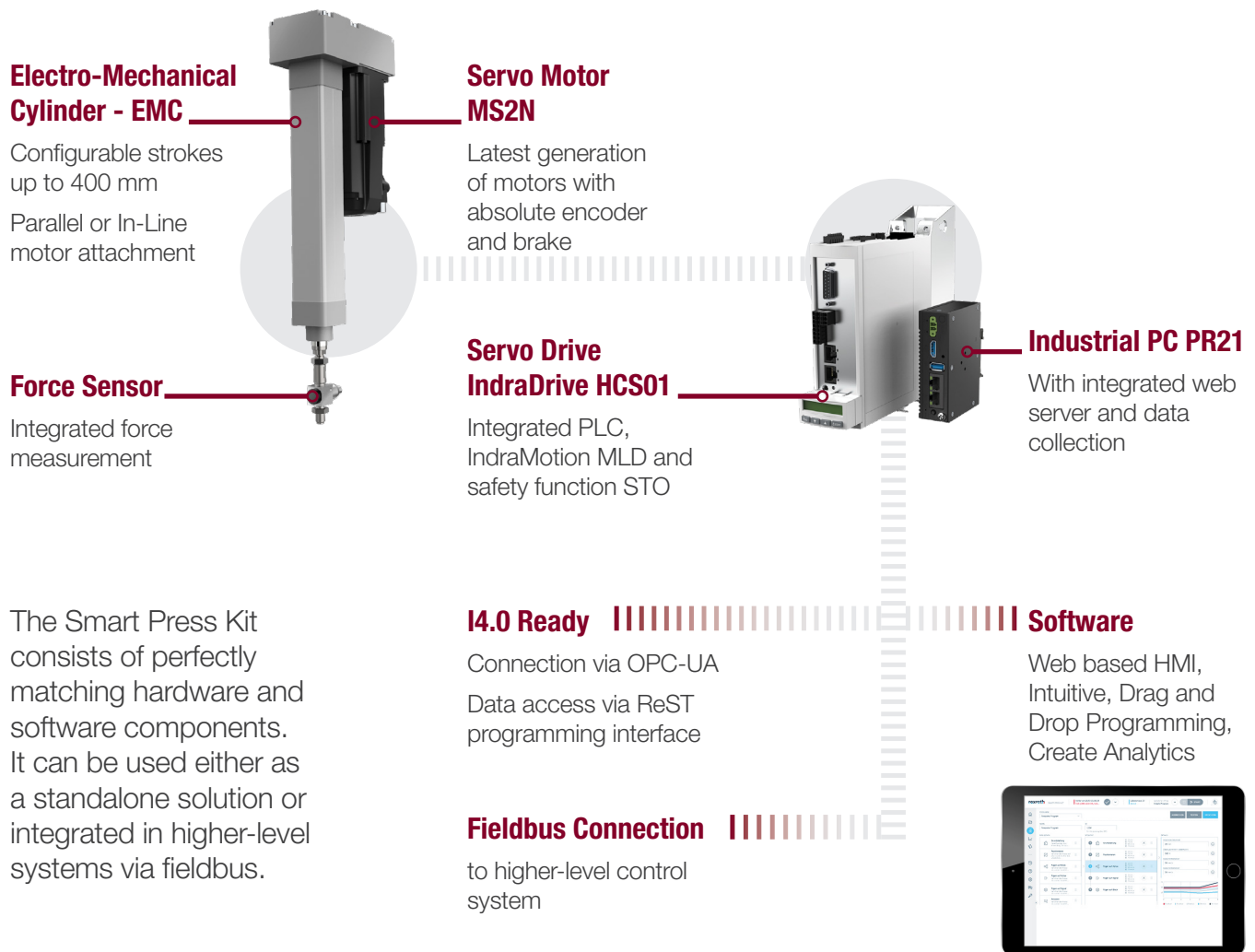


**Smart
PRESS KIT**

rexroth
A Bosch Company

Plug & Produce with the New Smart Press Kit

With the new Smart Press Kit, Bosch Rexroth delivers - for the very first time - a ready-to-use system of proven Rexroth components for joining processes, including an easy, web-based software solution.



The Smart Press Kit consists of perfectly matching hardware and software components. It can be used either as a standalone solution or integrated in higher-level systems via fieldbus.

**Call to schedule a live demo or visit
morrell-group.com/smart-press-kit**

Technical Information

Size	SPK 002	SPK 004	SPK 007	SPK 012	SPK 019	SPK 030
Stroke [mm]	35...400	40...400	65...400	80...400	70...400	90...400
Nominal force [lbs]	450	900	1580	2700	4270	6745
Max. force [lbs]	675	1350	2250	3370	4500	8990
Max. velocity [m/s]	0.38	0.32	0.55	0.5	0.37	0.5
Force sensor/measurement						
Measurement technology	Strain Gauge					
Measuring range [kN]	-0.3...+3	-0.6...+6	-1...+10	-1...+15	-1...+20	-1...+40
Sampling rate [Hz]	1000					
Resolution [bit]	14					
Accuracy (linearity) [% FS]	+/- 0.3					
Servo drive (with integrated motion control)						
Power supply [V]	1 x AC 110...230 3 x AC 110...230	1 x AC 110...230 3 x AC 110...230	3 x AC 200...500	3 x AC 200...500	3 x AC 200...500	3 x AC 200...500
Safety function acc. to EN 61800-5-2	Safe Torque Off (STO) ¹⁾					
Fieldbus interface	Profinet, Ethernet/IP, EtherCAT, Sercos III					
Software functions						
Max. numbers of programs	99					
Number of program steps per program	500					
Number of digital inputs/outputs	6 inputs + 1 output or 7 inputs					
Force measurements	Unlimited without resolution reduction					
Evaluation elements	Windows, envelopes, thresholds					
Ambient conditions						
Ambient temperature (operation) [°C]	0–50 °C (loss of performance at temperatures exceeding 40°C)					
IP protection class	Mechanics: Standard IP54 (up to IP65 possible) Control cabinet hardware: IP20					

¹⁾ Category 4, Performance Level e according to EN ISO 13849-1 and SIL 3 according to EN 62061

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