

Smart Series Technology Partner: Schmalz

Grippers Offered

Compatible Products



ECBPI



FXCB



VEE



HC10DT



YRC1000micro

What's Included?	ECBPI	FXCB	VEE	Information
Mechanical Flange	✓	✓	✓	Adapter is provided for HC10DT
Mechanical Bolt Kit	✓	✓	✓	All bolts are included
Available CAD Models	✓	✓	✓	Adapter & gripper files available in "CAD Data" https://www.schmalz.com/en/applications/industries/robotics/lightweight-robots-cobots/yaskawa/
Electrical Power Cable	✓	✓	n/a	M12-connector (gripper) to Molex (robot) connector. Vacuum tubing for FXCB and VEE can be found in the "Accessories" on the kit's webpage
Electrical Comms Cable	✓	✓	n/a	M12-connector (gripper) to Molex (robot) connector. Communication options include Discrete I/O or IO-Link
Power Supply			n/a	24V, 2.5A+ capacity required. (0.6A during operation and pulses of max. 2A for a short time – soft start function available for ECBPI)
Control/Comms Box	n/a	n/a	n/a	
Vendor Documentation	✓	✓	✓	Manuals available in "Documentation" https://www.schmalz.com/en/applications/industries/robotics/lightweight-robots-cobots/yaskawa/
Kit Quick Start Guide				
Controller Config Files				These optional files include names for pre-mapped I/O, tool load information, etc. for fast setup
Sample Job Files				These optional files include example INFORM jobs and subroutines for fast setup
Webpage	✓	✓	✓	https://www.schmalz.com/en/applications/industries/robotics/lightweight-robots-cobots/yaskawa/
Through Arm Wiring	✓	✓		Tubing for vacuum may be required to run externally depending on flow requirements
Kit Part Number	10.03.01 .00509	10.01.43 .00067	10.01.36 .00283	Kits contain all required components excluding vacuum tubing (if applicable, see details above)