

Models listed in the main section of this catalog	List of models (models not listed in the main section of this catalog are options. Standards for optional model numbers may differ from the certified standards listed at right.)			Category	Frame Size	Rib	Standard (certification status is for the models listed in this catalog, and standards for optional model numbers may differ.)			page
	Without sensor	With pulse sensor	With PWM speed control function and pulse sensor				UL	CSA	TÜV	
109E4712L401	109E4712L402	109E4712L401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4712M401	109E4712M402	109E4712M401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4724F401	109E4712F402	109E4724F401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4724H401	109E4724H402	109E4724H401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4724L401	109E4724L402	109E4724L401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4724M401	109E4724M402	109E4724M401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4748F401	109E4748F402	109E4748F401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4748H401	109E4748H402	109E4748H401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4748L401	109E4748L402	109E4748L401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4748M401	109E4748M402	109E4748M401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E4748S401	109E4748S402	109E4748S401	—	DC	φ 172×147×25mm	No	✓	✓	✓	177
109E5712F501	109E5712F502	109E5712F501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5712H501	109E5712H502	109E5712H501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5712K501	109E5712K502	109E5712K501	109E5712P5K04	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5712M501	109E5712M502	109E5712M501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5712Y501	109E5712Y502	109E5712Y501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5724C501	109E5724C502	109E5724C501	9EH5724P5C01	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5724F501	109E5724F502	109E5724F501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5724H501	109E5724H502	109E5724H501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5724K501	109E5724K502	109E5724K501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5724M501	109E5724M502	109E5724M501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5748C501	109E5748C502	109E5748C501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5748F501	109E5748F502	109E5748F501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5748H501	109E5748H502	109E5748H501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5748K501	109E5748K502	109E5748K501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109E5748M501	109E5748M502	109E5748M501	—	DC	φ 172×150×51mm	No	✓	✓	✓	183
109L1412H101	109L1412H102	109L1412H101	—	Long Life Fan	140×140×38mm	No	✓	✓	✓	317
109L1412M101	109L1412M102	109L1412M101	—	Long Life Fan	140×140×38mm	No	✓	✓	✓	317
109L1424H101	109L1424H102	109L1424H101	—	Long Life Fan	140×140×38mm	No	✓	✓	✓	317
109L1424M101	109L1424M102	109L1424M101	—	Long Life Fan	140×140×38mm	No	✓	✓	✓	317
109L1448H101	109L1448H102	109L1448H101	—	Long Life Fan	140×140×38mm	No	✓	✓	✓	317
109L1448M101	109L1448M102	109L1448M101	—	Long Life Fan	140×140×38mm	No	✓	✓	✓	317
109L1712H501	109L1712H502	109L1712H501	—	Long Life Fan	φ 172mm×51mm	No	✓	✓	✓	323
109L1712M501	109L1712M502	109L1712M501	—	Long Life Fan	φ 172mm×51mm	No	✓	✓	✓	323
109L1724H501	109L1724H502	109L1724H501	—	Long Life Fan	φ 172mm×51mm	No	✓	✓	✓	323
109L1724M501	109L1724M502	109L1724M501	—	Long Life Fan	φ 172mm×51mm	No	✓	✓	✓	323
109L1748H501	109L1748H502	109L1748H501	—	Long Life Fan	φ 172mm×51mm	No	✓	✓	✓	323
109L1748M501	109L1748M502	109L1748M501	—	Long Life Fan	φ 172mm×51mm	No	✓	✓	✓	323
109L5712H501	109L5712H502	109L5712H501	—	Long Life Fan	φ 172×150×51mm	No	✓	✓	✓	321
109L5712M501	109L5712M502	109L5712M501	—	Long Life Fan	φ 172×150×51mm	No	✓	✓	✓	321
109L5724H501	109L5724H502	109L5724H501	—	Long Life Fan	φ 172×150×51mm	No	✓	✓	✓	321
109L5724M501	109L5724M502	109L5724M501	—	Long Life Fan	φ 172×150×51mm	No	✓	✓	✓	321
109L5748H501	109L5748H502	109L5748H501	—	Long Life Fan	φ 172×150×51mm	No	✓	✓	✓	321
109L5748M501	109L5748M502	109L5748M501	—	Long Life Fan	φ 172×150×51mm	No	✓	✓	✓	321
109P0405F3013	109P0405F3023	109P0405F3013	—	DC	40×40×28mm	Yes	✓	✓	✓	39
109P0405F601	109P0405F602	109P0405F601	—	DC	40×40×20mm	Yes	✓	✓	✓	27
109P0405H3013	109P0405H3023	109P0405H3013	—	DC	40×40×28mm	Yes	✓	✓	✓	39
109P0405H601	109P0405H602	109P0405H601	—	DC	40×40×20mm	Yes	✓	✓	✓	27
109P0405H701	109P0405H702	109P0405H701	—	DC	40×40×15mm	Yes	✓	✓	✓	21
109P0405H901	109P0405H902	109P0405H901	—	DC	40×40×10mm	Yes	✓	✓	✓	17
109P0405J601	109P0405J602	109P0405J601	—	DC	40×40×20mm	Yes	✓	✓	✓	27
109P0405M601	109P0405M602	109P0405M601	—	DC	40×40×20mm	Yes	✓	✓	✓	27
109P0405M701	109P0405M702	109P0405M701	—	DC	40×40×15mm	Yes	✓	✓	✓	21
109P0405M901	109P0405M902	109P0405M901	—	DC	40×40×10mm	Yes	✓	✓	✓	17
109P0412B3013	109P0412B3023	109P0412B3013	109P0412P3B013	DC	40×40×28mm	Yes	✓	✓	✓	39
109P0412D601	109P0412D602	109P0412D601	—	DC	40×40×20mm	Yes	✓	✓	✓	27
109P0412E601	109P0412E602	109P0412E601	—	DC	40×40×20mm	Yes	✓	✓	✓	27
109P0412F3013	109P0412F3023	109P0412F3013	—	DC	40×40×28mm	Yes	✓	✓	✓	39
109P0412F601	109P0412F602	109P0412F601	9PH0412P6F03	DC	40×40×20mm	Yes	✓	✓	✓	27
109P0412G3013	109P0412G3023	109P0412G3013	109P0412P3G033	DC	40×40×28mm	Yes	✓	✓	✓	39
109P0412G601	109P0412G602	109P0412G601	9PH0412P6G03	DC	40×40×20mm	Yes	✓	✓	✓	27
109P0412H3013	109P0412H3023	109P0412H3013	109P0412P3H013	DC	40×40×28mm	Yes	✓	✓	✓	39

Please contact your point of sale regarding lock sensors and low-speed sensors.