

E3 Series Direct-Drive Servo Parameters

Model	Motor Type	Control Mode	Input Power (V)	Continuous Current (A)	Peak Current (A)	Output Power(W)		Installation Size	Supported Encoder Type
						Single phase	Three phase		
FV5-E3-NA3R0	DD motors, linear motors	EtherCAT bus type	Single phase 220	3	10	400	—	SIZE-A	ABZ Biss-C EnDat Tamagawa Protocol Nikon Protocol
FV5-E3-NA4R5	DD motors, linear motors	EtherCAT bus type	Single phase 220	4.5	13.5	600	—	SIZE-A	
FV5-E3-NA6R0	DD motors, linear motors	EtherCAT bus type	Single phase 220	6	18	800	—	SIZE-B	
FV5-E3-NC8R0	DD motors, linear motors	EtherCAT bus type	Three phase 220	8	23	850	1200	SIZE-C	
FV5-E3-NC010	DD motors, linear motors	EtherCAT bus type	Three phase 220	10	27	980	1400	SIZE-D	
FV5-E3-NC012	DD motors, linear motors	EtherCAT bus type	Three phase 220	12	32	1150	1600	SIZE-D	
FV5-E3-NT6R0	DD motors, linear motors	EtherCAT bus type	Three phase 380	6	15	—	1500	SIZE-C	
FV5-E3-NT8R0	DD motors, linear motors	EtherCAT bus type	Three phase 380	8	20	—	2000	SIZE-D	
FV5-E3-NT010	DD motors, linear motors	EtherCAT bus type	Three phase 380	10	21	—	2500	SIZE-D	
FV5-E3-NT012	DD motors, linear motors	EtherCAT bus type	Three phase 380	12	30	—	3000	SIZE-D	
FV5-E3-NT017	DD motors, linear motors	EtherCAT bus type	Three phase 380	17	42.5	—	5000	SIZE-E	
FV5-E3-NT021	DD motors, linear motors	EtherCAT bus type	Three phase 380	21	52.5	—	6000	SIZE-E	
FV5-E3-NT026	DD motors, linear motors	EtherCAT bus type	Three phase 380	26	65	—	7500	SIZE-E	
FV5-E3-PA3R0	DD motors, linear motors	Pulse type	Single phase 220	3	10	400	—	SIZE-A	
FV5-E3-PA4R5	DD motors, linear motors	Pulse type	Single phase 220	4.5	13.5	600	—	SIZE-A	
FV5-E3-PA6R0	DD motors, linear motors	Pulse type	Single phase 220	6	18	800	—	SIZE-B	
FV5-E3-PC8R0	DD motors, linear motors	Pulse type	Three phase 220	8	23	850	1200	SIZE-C	
FV5-E3-PC010	DD motors, linear motors	Pulse type	Three phase 220	10	27	980	1400	SIZE-D	
FV5-E3-PC012	DD motors, linear motors	Pulse type	Three phase 220	12	32	1150	1600	SIZE-D	
FV5-E3-PT6R0	DD motors, linear motors	Pulse type	Three phase 380	6	15	—	1500	SIZE-C	
FV5-E3-PT8R0	DD motors, linear motors	Pulse type	Three phase 380	8	20	—	2000	SIZE-D	
FV5-E3-PT010	DD motors, linear motors	Pulse type	Three phase 380	10	21	—	2500	SIZE-D	
FV5-E3-PT012	DD motors, linear motors	Pulse type	Three phase 380	12	30	—	3000	SIZE-D	
FV5-E3-PT017	DD motors, linear motors	Pulse type	Three phase 380	17	42.5	—	5000	SIZE-E	
FV5-E3-PT021	DD motors, linear motors	Pulse type	Three phase 380	21	52.5	—	6000	SIZE-E	
FV5-E3-PT026	DD motors, linear motors	Pulse type	Three phase 380	26	65	—	7500	SIZE-E	