Standard Specifications

Item	Specification													
Model VXH#**-4E	2A5	4A1	5A5	9	13A5	18A5	24A5	32	39	45	60	75	91	112
Applicable standard motor (rated output) [kW][1]	0.75	1.5	2.2	4.0	5.5	7.5	11	15	18.5	22	30	37	45	55
Output ratings — Rated capacity [kVA][2]	1.9	3.1	4.1	6.8	10	14	18	24	29	34	45	57	69	85
Output ratings — Voltage [V][3]	3-phase, 380 to 480V (with AVR function)													
Output ratings — Rated current [A]	2.5	4.1	5.5	9.0	13.5	18.5	24.5	32	39	45	60	75	91	112
Output ratings — Overload current rating	110%-1min (Overload tolerated interval: compliant with IEC 61800-2)													
Output ratings — Rated frequency [Hz]	50, 60Hz													
Input Power Supply — Main poer supply (No. of phase, voltage, frequency)	3-phase, 380 to 480V, 50/60Hz													
Input Power Supply — Control power supply auxilliary-input (No. of phase, voltage, frequency)	Single phase, 380 to 480V, 50/60Hz													
Input Power Supply — Voltage, frequency variations	Voltage: +10 to -15% (Unbalance rate between phases is with 2%)[4] Frequency: +5 to -5%													
Input Power Supply — Rated input current [A]	1.6	3.0	4.3	7.4	10.3	13.9	20.7	27.9	34.5	41.1	55.7	69.4	83.1	102
Input Power Supply — Required power supply capacity [kVA]	1.2	2.1	3.0	5.2	7.2	9.7	15	20	24	29	39	49	58	71
Braking — Braking torque [%][5]	20							10 to 15						
Braking — DC braking	Braking starting frequency: 0.0 to 60.0Hz, Braking time: 0.0 to 30.0s, Braking level: 0 to 60%													
EMC Filter	Built-in [Compliant with EMC standard (IEC/EN61800-3:2004]													
DC reactor (DCR)	Built-in (IEC/EN61000-3-2, IEC/EN61000-3-12)													
Compliant with Electrical Safety Standards	UL508C, C22.2 No.14, IEC/EN61800-5-1:2007													
"#" Enclosure (IEC/EN60529)	IP21/IP55													
Cooling method	Natural cooling						Fan cooling							
Weight/ Mass IP21/IP55	10	10	10	10	10	10	18	18	18	18	23	23	TBD	TBD

Item	Specification													
Model VXH#**-4E	150	176	210	253	304	377	415	520	585	650	740	960	1170	1370
Applicable standard motor (rated output) [kW][1]	75	90	110	132	160	200	220	280	315	355	400	500	630	710
Output ratings — Rated capacity [kVA][2]	114	134	160	192	231	287	316	396	445	495	563	731	891	1044
Output ratings — Voltage [V][3]	3-phase, 380 to 480V (with AVR function)													
Output ratings — Rated current [A]	150	176	210	253	304	377	415	520	585	650	740	960	1170	1370
Output ratings — Overload current rating	110%-1min (Overload tolerated interval: compliant with IEC 61800-2)													
Output ratings — Rated frequency [Hz]	50 60Hz													
Input Power Supply — Main power supply (No. of phase, voltage, frequency)	3-phase, 380 to 480V, 50/60Hz													
Input Power Supply — Control power supply auxilliary-input (No. of phase, voltage, frequency)	Single phase, 380 to 480V, 50/60Hz													
Input Power Supply — Voltage, frequency variations	Voltage: +10 to -15% (Unbalance rate between phases is with 2%)[4] Frequency: +5 to -5%													
Input Power Supply — Rated input current [A]	136	162	201	238	286	357	390	500	559	628	705	881	1115	1256
Input Power Supply — Required power supply capacity [kVA]	95	113	140	165	199	248	271	347	388	436	489	611	773	871
Braking — Braking torque [%][5]	10 to 15													
Braking — DC braking	Braking starting frequency: 0.0 to 60.0Hz, Braking time: 0.0 to 30.0s, Braking level: 0 to 60%													
EMC Filter	Built-in [Compliant with EMC standard (IEC/EN61800-3:2004]													
DC reactor (DCR)	Built-in Standard accessory (IEC/EN61000-3-2, IEC/EN61000-3-12)													
Compliant with Electrical Safety Standards	UL508C, C22.2 No.14, IEC/EN61800-5-1:2007													
"#" Enclosure (IEC/EN60529)	IP21/IP55		IP00											
Cooling method	Fan cooling													
Weight/ Mass IP21/IP55	TDB	TDB												
Weight/ Mass IP00			62	64	94	98	129	140	245	245	245	330	530	530

*1) Applicable standard motors are the case for IMO 4-pole standard motors
*2) The rated capacity indicates the case of 440V ratings
*3) Output voltage cannot exceed the power supply voltage
*4) Interphase voltage unbalance ration [%] = (max. voltage [V] - min. voltage [V]/3 phase average voltage [V]x67 (see IEC61800-3). When unbalance ratio is between 2 - 3% please use optional AC reactor (ACR).
*5) Average braking torque obtained by use of a motor. 9Varies with the efficiency of the motor)