



Drive power loss data disclosure pursuant to COMMISSION REGULATION (EU) 2019/1781

FRENIC-HVAC Series	(1) Power loss data at operating points according to Commission Regulation (EU) 2019/1781										(2) IE class	(3) Manufacturer, commercial registration number and address	(4) Product's model identifier ⁵	(5) Apparent output power ² [kVA]	(6) Indicative motor rated power output [kW]	(7) Rated output current ³ [A]	(8) Max. operating temperature [°C]	(9) Rated supply frequency [Hz]	(10) Rated supply voltage [V]	Power loss measurement method
	Type ^{5,6}	Standby [W]	Standby [%]	Partial load ¹ (90, 100) [%]	Partial load ¹ (50, 100) [%]	Partial load ¹ (0, 100) [%]	Partial load ¹ (90, 50) [%]	Partial load ¹ (50, 50) [%]	Partial load ¹ (0, 50) [%]	Partial load ¹ (50, 25) [%]										
FRN3.7/4AR1#-4J○	19.6	0.3%	1.9%	1.6%	1.3%	1.4%	1.3%	1.1%	1.1%	1.0%	IE 2	Fuji Electric Co., Ltd 5520, Minami Tamagaki-cho, Suzuka-city, Mie 513-8633, Japan	FRN3.7/4AR1#-4J○	6.8	3.7/4.0	9	IP21: 50°C (40°C: if installed side-by- side without clearance (37 kW or less))	50Hz, 60Hz	380 to 480	Input-output
FRN5.5AR1#-4J○	19.4	0.2%	1.9%	1.6%	1.4%	1.2%	1.1%	0.9%	0.9%	0.7%	IE 2		FRN5.5AR1#-4J○	10	5.5	13.5				
FRN7.5AR1#-4J○	19.2	0.1%	1.8%	1.5%	1.2%	1.1%	0.9%	0.8%	0.8%	0.6%	IE 2		FRN7.5AR1#-4J○	14	7.5	18.5				
FRN11AR1#-4J○	27.1	0.2%	1.8%	1.6%	1.2%	1.1%	1.0%	0.7%	0.7%	0.6%	IE 2		FRN11AR1#-4J○	18	11	24.5				
FRN15AR1#-4J○	27.7	0.1%	1.7%	1.4%	1.1%	1.0%	0.8%	0.7%	0.6%	0.6%	IE 2		FRN15AR1#-4J○	24	15	32				
FRN18.5AR1#-4J○	29.5	0.1%	1.7%	1.4%	1.1%	1.0%	0.8%	0.7%	0.6%	0.5%	IE 2		FRN18.5AR1#-4J○	29	18.5	39				
FRN22AR1#-4J○	30.0	0.1%	1.5%	1.4%	1.1%	0.9%	0.8%	0.7%	0.6%	0.5%	IE 2		FRN22AR1#-4J○	34	22	45				
FRN30AR1#-4J○	36.7	0.1%	1.7%	1.6%	1.3%	1.0%	0.9%	0.7%	0.6%	0.5%	IE 2		FRN30AR1#-4J○	45	30	60				
FRN37AR1#-4J○	37.4	0.1%	1.6%	1.3%	1.2%	0.9%	0.8%	0.7%	0.6%	0.5%	IE 2		FRN37AR1#-4J○	57	37	75				
FRN45AR1#-4J○	53.6	0.1%	1.4%	1.2%	1.0%	0.8%	0.7%	0.6%	0.5%	0.5%	IE 2		FRN45AR1#-4J○	69	45	91				
FRN55AR1#-4J○	60.0	0.1%	1.5%	1.2%	1.1%	0.8%	0.7%	0.6%	0.6%	0.5%	IE 2		FRN55AR1#-4J○	85	55	112				
FRN75AR1#-4J○	59.0	0.1%	1.4%	1.3%	1.1%	0.8%	0.7%	0.6%	0.5%	0.4%	IE 2		FRN75AR1#-4J○	114	75	150				
FRN90AR1#-4J○	59.0	0.0%	1.4%	1.2%	1.0%	0.8%	0.7%	0.6%	0.5%	0.4%	IE 2		FRN90AR1#-4J○	134	90	176				
FRN0.75AR1#-2J○	13.9	0.7%	3.4%	2.9%	2.6%	2.6%	2.4%	2.2%	2.1%	2.0%	IE 2		FRN0.75AR1#-2J○	1.9	0.75	5				
FRN1.5AR1#-2J○	14.3	0.5%	3.0%	2.5%	2.2%	2.2%	2.0%	1.8%	1.7%	1.6%	IE 2		FRN1.5AR1#-2J○	3	1.5	8				
FRN2.2AR1#-2J○	14.3	0.3%	2.9%	2.4%	2.1%	2.1%	1.8%	1.6%	1.5%	1.4%	IE 2		FRN2.2AR1#-2J○	4.1	2.2	11				
FRN3.7AR1#-2J○	13.9	0.2%	3.1%	2.4%	2.0%	2.0%	1.7%	1.4%	1.3%	1.2%	IE 2		FRN3.7AR1#-2J○	6.8	3.7	18				
FRN5.5AR1#-2J○	18.7	0.2%	2.7%	2.1%	1.9%	1.5%	1.3%	1.1%	1.0%	0.9%	IE 2		FRN5.5AR1#-2J○	10	5.5	27				
FRN7.5AR1#-2J○	19.2	0.2%	3.4%	2.6%	2.2%	1.8%	1.5%	1.3%	1.1%	1.0%	IE 2		FRN7.5AR1#-2J○	12	7.5	31.8				
FRN11AR1#-2J○	20.1	0.1%	2.9%	2.2%	1.9%	1.5%	1.3%	1.1%	0.9%	0.8%	IE 2		FRN11AR1#-2J○	17	11	46.2				
FRN15AR1#-2J○	20.1	0.1%	2.9%	2.3%	2.0%	1.5%	1.3%	1.2%	0.9%	0.8%	IE 2		FRN15AR1#-2J○	22	15	59.4				
FRN18.5AR1#-2J○	21.8	0.1%	2.6%	2.1%	1.8%	1.3%	1.2%	1.0%	0.8%	0.7%	IE 2		FRN18.5AR1#-2J○	28	18.5	74.8				
FRN22AR1#-2J○	37.6	0.1%	2.4%	2.0%	1.7%	1.3%	1.2%	1.0%	0.8%	0.7%	IE 2		FRN22AR1#-2J○	33	22	88				
FRN30AR1#-2J○	36.9	0.1%	2.5%	2.1%	1.8%	1.3%	1.2%	1.0%	0.9%	0.7%	IE 2		FRN30AR1#-2J○	43	30	115				
FRN37AR1#-2J○	41.4	0.1%	2.3%	1.9%	1.6%	1.2%	1.1%	0.9%	0.8%	0.7%	IE 2		FRN37AR1#-2J○	55	37	146				
FRN45AR1#-2J○	39.9	0.1%	2.2%	1.9%	1.6%	1.1%	1.0%	0.9%	0.7%	0.6%	IE 2		FRN45AR1#-2J○	68	45	180				
FRN55AR1#-2J○	38.0	0.0%	2.1%	1.9%	1.8%	1.1%	1.2%	1.1%	0.9%	0.8%	IE 2		FRN55AR1#-2J○	81	55	215				
FRN75AR1#-2J○	38.0	0.0%	1.6%	1.4%	1.4%	0.9%	0.9%	0.8%	0.7%	0.6%	IE 2		FRN75AR1#-2J○	107	75	283				
FRN90AR1#-2J○	38.0	0.0%	1.3%	1.2%	1.1%	0.7%	0.8%	0.7%	0.6%	0.5%	IE 2		FRN90AR1#-2J○	131	90	346				
																	IP00: 50°C		50Hz:200 to 220 60Hz: 220 to 230	

1. Operating point (x, y): x - percentage output frequency, y - percentage Torque-producing current.
 2. Apparent output power is calculated by assuming the output rated voltage as 440 V(-4).
 3. Apparent output power is calculated by assuming the output rated voltage as 220 V(-2).
 4. power losses in % of the rated apparent output power[kVA].
 5. "H" mark represents the enclosure code. (L: IP55 type)
 6. "○" mark represents variations in order code. (letter(s) and/ or number(s), or blank)



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	Type ^{5,6,7}	Standby [W]	Standby [%]	Partial load ¹ (90, 100) [%]	Partial load ¹ (50, 100) [%]	Partial load ¹ (0, 100) [%]	Partial load ¹ (90, 50) [%]	Partial load ¹ (50, 50) [%]	Partial load ¹ (0, 50) [%]	Partial load ¹ (50, 25) [%]										
FRN0.75AR1#-4*○	17.5	0.9%	3.2%	3.0%	2.7%	2.8%	2.6%	2.4%	2.4%	2.3%	IE 2	Fuji Electric Co., Ltd 5520, Minami Tamagaki-cho, Suzuka-city, Mie 513-8633, Japan	FRN0.75AR1#-4*○	1.9	0.75	2.5	IP21: 50°C (40°C: if installed side-by- side without clearance (37 kW or less))	50Hz, 60Hz	380 to 480	Input-output
FRN1.5AR1#-4*○	17.9	0.6%	2.5%	2.3%	2.0%	2.0%	1.9%	1.7%	1.7%	1.5%	IE 2		FRN1.5AR1#-4*○	3.1	1.5	4.1				
FRN2.2AR1#-4*○	17.7	0.4%	2.2%	1.9%	1.6%	1.7%	1.6%	1.4%	1.4%	1.2%	IE 2		FRN2.2AR1#-4*○	4.1	2.2	5.5				
FRN3.74AR1#-4*○	19.6	0.3%	1.9%	1.6%	1.3%	1.4%	1.3%	1.1%	1.1%	1.0%	IE 2		FRN3.74AR1#-4*○	6.8	3.74.0	9				
FRN5.5AR1#-4*○	19.4	0.2%	1.9%	1.6%	1.4%	1.2%	1.1%	0.9%	0.9%	0.7%	IE 2		FRN5.5AR1#-4*○	10	5.5	13.5				
FRN7.5AR1#-4*○	19.2	0.1%	1.8%	1.5%	1.2%	1.1%	0.9%	0.8%	0.8%	0.6%	IE 2		FRN7.5AR1#-4*○	14	7.5	18.5				
FRN11AR1#-4*○	27.1	0.2%	1.8%	1.6%	1.2%	1.1%	1.0%	0.7%	0.7%	0.6%	IE 2		FRN11AR1#-4*○	18	11	24.5				
FRN15AR1#-4*○	27.7	0.1%	1.7%	1.4%	1.1%	1.0%	0.8%	0.7%	0.6%	0.6%	IE 2		FRN15AR1#-4*○	24	15	32				
FRN18.5AR1#-4*○	29.5	0.1%	1.7%	1.4%	1.1%	1.0%	0.8%	0.7%	0.6%	0.5%	IE 2		FRN18.5AR1#-4*○	29	18.5	39				
FRN22AR1#-4*○	30.0	0.1%	1.5%	1.4%	1.1%	0.9%	0.8%	0.7%	0.6%	0.5%	IE 2		FRN22AR1#-4*○	34	22	45				
FRN30AR1#-4*○	36.7	0.1%	1.7%	1.6%	1.3%	1.0%	0.9%	0.7%	0.6%	0.5%	IE 2		FRN30AR1#-4*○	45	30	60				
FRN37AR1#-4*○	37.4	0.1%	1.6%	1.3%	1.2%	0.9%	0.8%	0.7%	0.6%	0.5%	IE 2		FRN37AR1#-4*○	57	37	75				
FRN45AR1#-4*○	53.6	0.1%	1.4%	1.2%	1.0%	0.8%	0.7%	0.6%	0.5%	0.5%	IE 2		FRN45AR1#-4*○	69	45	91				
FRN55AR1#-4*○	60.0	0.1%	1.5%	1.2%	1.1%	0.8%	0.7%	0.6%	0.6%	0.5%	IE 2		FRN55AR1#-4*○	85	55	112				
FRN75AR1#-4*○	59.0	0.1%	1.4%	1.3%	1.1%	0.8%	0.7%	0.6%	0.5%	0.4%	IE 2		FRN75AR1#-4*○	114	75	150				
FRN90AR1#-4*○	59.0	0.0%	1.4%	1.2%	1.0%	0.8%	0.7%	0.6%	0.5%	0.4%	IE 2		FRN90AR1#-4*○	134	90	176				
FRN110AR1#-4*○	25.2	0.0%	1.2%	0.7%	0.7%	0.6%	0.4%	0.3%	0.2%	0.2%	IE 2		FRN110AR1#-4*○	160	110	210				
FRN132AR1#-4*○	80.0	0.0%	1.0%	0.8%	0.7%	0.5%	0.4%	0.4%	0.3%	0.3%	IE 2		FRN132AR1#-4*○	192	132	253				
FRN160AR1#-4*○	79.6	0.0%	1.2%	0.9%	0.8%	0.6%	0.5%	0.4%	0.3%	0.3%	IE 2		FRN160AR1#-4*○	231	160	304				
FRN200AR1#-4*○	81.1	0.0%	1.1%	0.9%	0.8%	0.6%	0.4%	0.4%	0.3%	0.3%	IE 2		FRN200AR1#-4*○	287	200	377				
FRN220AR1#-4*○	78.7	0.0%	1.2%	0.9%	0.8%	0.6%	0.4%	0.4%	0.3%	0.3%	IE 2		FRN220AR1#-4*○	316	220	415				
FRN280AR1#-4*○	92.0	0.0%	1.2%	0.9%	0.9%	0.6%	0.4%	0.4%	0.3%	0.3%	IE 2		FRN280AR1#-4*○	396	280	520				
FRN315AR1#-4*○	94.0	0.0%	1.3%	1.0%	0.9%	0.6%	0.5%	0.4%	0.3%	0.3%	IE 2		FRN315AR1#-4*○	445	315	585				
FRN355AR1#-4*○	155.0	0.0%	1.3%	1.0%	1.2%	0.6%	0.5%	0.4%	0.3%	0.3%	IE 2		FRN355AR1#-4*○	495	355	650				
FRN400AR1#-4*○	153.0	0.0%	1.3%	1.1%	1.1%	0.6%	0.5%	0.5%	0.3%	0.3%	IE 2		FRN400AR1#-4*○	563	400	740				
FRN500AR1#-4*○	154.0	0.0%	1.2%	0.9%	0.9%	0.5%	0.4%	0.4%	0.3%	0.2%	IE 2		FRN500AR1#-4*○	731	500	960				
FRN630AR1#-4*○	153.0	0.0%	1.3%	1.0%	1.0%	0.6%	0.4%	0.4%	0.3%	0.3%	IE 2		FRN630AR1#-4*○	891	630	1170				
FRN710AR1#-4*○	153.0	0.0%	1.1%	0.9%	0.9%	0.5%	0.4%	0.4%	0.2%	0.2%	IE 2		FRN710AR1#-4*○	1044	710	1370				

- Operating point (x, y): x - percentage output frequency, y - percentage Torque-producing current.
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- Apparent output power is calculated by assuming the output rated voltage as 220 V(-2).
- power losses in % of the rated apparent output power[kVA].
- "#" mark represents the enclosure code. (S: IP00 type / M: IP21 type / L: IP55 type)
- "*" mark represents the destination code. (A: Asia / C: China / E: Europe)
- "○" mark represents variations in order code. (letter(s) and/ or number(s), or blank)



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	Type ^{6,6}	Standby [W]	Standby [%]	Partial load ¹ (90, 100) [%]	Partial load ¹ (50, 100) [%]	Partial load ¹ (0, 100) [%]	Partial load ¹ (90, 50) [%]	Partial load ¹ (50, 50) [%]	Partial load ¹ (0, 50) [%]	Partial load ¹ (50, 25) [%]										
FRN001ARI#-4U○	17.5	0.9%	3.2%	3.0%	2.7%	2.8%	2.6%	2.4%	2.4%	2.3%	IE2	Fuji Electric Co., Ltd 5520, Minami Tamagaki-cho, Suzuka-city, Mie 513-8633, Japan	FRN001ARI#-4U○	1.9	0.75	2.5	IP21: 50°C (40°C: if installed side-by- side without clearance (37 kW or less))	50Hz, 60Hz	380 to 480	Input-output
FRN002ARI#-4U○	17.9	0.6%	2.4%	2.3%	1.9%	1.9%	1.8%	1.6%	1.7%	1.5%	IE2		FRN002ARI#-4U○	3.2	1.5	4.1				
FRN003ARI#-4U○	17.7	0.4%	2.1%	1.8%	1.5%	1.7%	1.5%	1.3%	1.4%	1.2%	IE2		FRN003ARI#-4U○	4.3	2.2	5.5				
FRN005ARI#-4U○	19.6	0.3%	1.8%	1.5%	1.2%	1.4%	1.2%	1.0%	1.1%	0.9%	IE2		FRN005ARI#-4U○	7.1	3.7	9				
FRN007ARI#-4U○	19.4	0.2%	1.9%	1.6%	1.4%	1.2%	1.1%	0.9%	0.9%	0.7%	IE2		FRN007ARI#-4U○	10	5.5	13.5				
FRN010ARI#-4U○	19.2	0.1%	1.8%	1.5%	1.2%	1.1%	0.9%	0.8%	0.8%	0.6%	IE2		FRN010ARI#-4U○	14	7.5	18.5				
FRN015ARI#-4U○	27.1	0.1%	1.7%	1.5%	1.1%	1.1%	0.9%	0.7%	0.7%	0.5%	IE2		FRN015ARI#-4U○	19	11	24.5				
FRN020ARI#-4U○	27.7	0.1%	1.6%	1.3%	1.1%	0.9%	0.8%	0.7%	0.6%	0.5%	IE2		FRN020ARI#-4U○	25	15	32				
FRN025ARI#-4U○	29.5	0.1%	1.6%	1.3%	1.0%	0.9%	0.8%	0.6%	0.6%	0.5%	IE2		FRN025ARI#-4U○	31	18.5	39				
FRN030ARI#-4U○	30.0	0.1%	1.5%	1.4%	1.1%	0.9%	0.8%	0.6%	0.6%	0.5%	IE2		FRN030ARI#-4U○	35	22	45				
FRN040ARI#-4U○	36.7	0.1%	1.7%	1.5%	1.3%	0.9%	0.8%	0.7%	0.6%	0.5%	IE2		FRN040ARI#-4U○	47	30	60				
FRN050ARI#-4U○	37.4	0.1%	1.6%	1.3%	1.2%	0.9%	0.7%	0.6%	0.5%	0.5%	IE2		FRN050ARI#-4U○	59	37	75				
FRN060ARI#-4U○	53.6	0.1%	1.3%	1.2%	1.0%	0.8%	0.7%	0.6%	0.5%	0.4%	IE2		FRN060ARI#-4U○	72	45	91				
FRN075ARI#-4U○	60.0	0.1%	1.4%	1.2%	1.0%	0.8%	0.7%	0.6%	0.6%	0.4%	IE2		FRN075ARI#-4U○	89	55	112				
FRN100ARI#-4U○	59.0	0.0%	1.3%	1.2%	1.0%	0.7%	0.7%	0.5%	0.5%	0.4%	IE2		FRN100ARI#-4U○	119	75	150				
FRN125ARI#-4U○	59.0	0.0%	1.3%	1.1%	1.0%	0.7%	0.6%	0.5%	0.5%	0.4%	IE2		FRN125ARI#-4U○	140	90	176				
FRN150ARI#-4U○	25.2	0.0%	1.1%	0.7%	0.7%	0.6%	0.3%	0.3%	0.2%	0.2%	IE2		FRN150ARI#-4U○	167	110	210				
FRN200ARI#-4U○	80.0	0.0%	1.0%	0.7%	0.7%	0.5%	0.4%	0.4%	0.3%	0.3%	IE2		FRN200ARI#-4U○	201	132	253				
FRN250ARI#-4U○	79.6	0.0%	1.1%	0.8%	0.8%	0.6%	0.4%	0.4%	0.3%	0.3%	IE2		FRN250ARI#-4U○	242	160	304				
FRN300ARI#-4U○	81.1	0.0%	1.0%	0.8%	0.8%	0.5%	0.4%	0.4%	0.3%	0.2%	IE2		FRN300ARI#-4U○	300	200	377				
FRN350ARI#-4U○	78.7	0.0%	1.1%	0.9%	0.8%	0.6%	0.4%	0.4%	0.3%	0.2%	IE2		FRN350ARI#-4U○	330	220	415				
FRN450ARI#-4U○	92.0	0.0%	1.1%	0.9%	0.9%	0.6%	0.4%	0.4%	0.3%	0.3%	IE2		FRN450ARI#-4U○	414	280	520				
FRN500ARI#-4U○	155.0	0.0%	1.2%	1.0%	1.2%	0.6%	0.5%	0.4%	0.3%	0.3%	IE2		FRN500ARI#-4U○	517	355	650				
FRN600ARI#-4U○	153.0	0.0%	1.3%	1.0%	1.0%	0.6%	0.5%	0.4%	0.3%	0.3%	IE2		FRN600ARI#-4U○	589	400	740				
FRN800ARI#-4U○	154.0	0.0%	1.1%	0.9%	0.9%	0.5%	0.4%	0.4%	0.2%	0.2%	IE2		FRN800ARI#-4U○	764	500	960				
FRN900ARI#-4U○	153.0	0.0%	1.2%	1.0%	1.0%	0.6%	0.4%	0.4%	0.3%	0.2%	IE2		FRN900ARI#-4U○	932	630	1170				
FRN1000ARI#-4U○	153.0	0.0%	1.1%	0.5%	0.3%	0.9%	0.4%	0.2%	0.3%	0.2%	IE2		FRN1000ARI#-4U○	1091	710	1370				
FRN001ARI#-2U○	13.9	0.7%	3.4%	2.9%	2.6%	2.6%	2.4%	2.2%	2.1%	2.0%	IE2		FRN001ARI#-2U○	1.9	0.75	5				
FRN002ARI#-2U○	14.3	0.5%	2.9%	2.4%	2.2%	2.1%	1.9%	1.7%	1.7%	1.5%	IE2		FRN002ARI#-2U○	3.1	1.5	8				
FRN003ARI#-2U○	14.3	0.3%	2.8%	2.3%	2.0%	2.0%	1.7%	1.5%	1.5%	1.3%	IE2		FRN003ARI#-2U○	4.3	2.2	11				
FRN005ARI#-2U○	13.9	0.2%	2.9%	2.3%	1.9%	1.9%	1.6%	1.4%	1.3%	1.2%	IE2		FRN005ARI#-2U○	7.1	3.7	18				
FRN007ARI#-2U○	18.7	0.2%	2.7%	2.1%	1.9%	1.5%	1.3%	1.1%	1.0%	0.9%	IE2		FRN007ARI#-2U○	10	5.5	27				
FRN010ARI#-2U○	19.2	0.2%	3.4%	2.6%	2.2%	1.8%	1.5%	1.3%	1.1%	1.0%	IE2		FRN010ARI#-2U○	12	7.5	31.8				
FRN015ARI#-2U○	20.1	0.1%	2.7%	2.0%	1.8%	1.4%	1.2%	1.1%	0.9%	0.8%	IE2		FRN015ARI#-2U○	18	11	46.2				
FRN020ARI#-2U○	20.1	0.1%	2.8%	2.2%	1.9%	1.4%	1.3%	1.1%	0.9%	0.8%	IE2		FRN020ARI#-2U○	23	15	59.4				
FRN025ARI#-2U○	21.8	0.1%	2.5%	2.0%	1.7%	1.3%	1.1%	1.0%	0.8%	0.7%	IE2		FRN025ARI#-2U○	29	18.5	74.8				
FRN030ARI#-2U○	37.6	0.1%	2.2%	1.9%	1.6%	1.3%	1.1%	0.9%	0.8%	0.7%	IE2		FRN030ARI#-2U○	35	22	88				
FRN040ARI#-2U○	36.9	0.1%	2.4%	2.0%	1.8%	1.2%	1.1%	1.0%	0.8%	0.7%	IE2		FRN040ARI#-2U○	45	30	115				
FRN050ARI#-2U○	41.4	0.1%	2.1%	1.8%	1.5%	1.1%	1.0%	0.9%	0.7%	0.6%	IE2		FRN050ARI#-2U○	58	37	146				
FRN060ARI#-2U○	39.9	0.1%	2.1%	1.8%	1.5%	1.0%	1.0%	0.8%	0.7%	0.6%	IE2		FRN060ARI#-2U○	71	45	180				
FRN075ARI#-2U○	38.0	0.0%	2.0%	1.8%	1.7%	1.1%	1.2%	1.0%	0.9%	0.8%	IE2	FRN075ARI#-2U○	85	55	215					
FRN100ARI#-2U○	52.0	0.0%	1.5%	1.5%	1.3%	1.0%	0.8%	0.7%	0.6%	0.5%	IE2	FRN100ARI#-2U○	112	75	283					
FRN125ARI#-2U○	50.0	0.0%	1.2%	1.4%	1.2%	0.8%	0.8%	0.7%	0.6%	0.5%	IE2	FRN125ARI#-2U○	137	90	346					

1. Operating point (x, y): x - percentage output frequency, y - percentage Torque-producing current.
 2. Apparent output power is calculated by assuming the output rated voltage as 440 V(-4).
 3. Apparent output power is calculated by assuming the output rated voltage as 220 V(-2).
 4. power losses in % of the rated apparent output power[kVA].
 5. "#" mark represents the enclosure code. (S: IP00 type / M: IP21 type / L: IP55 type)
 6. "○" mark represents variations in order code. (letter(s) and/ or number(s), or blank)