



ELECTRIC DRIVES
FOR EVERY DEMAND



**Ex d Transnorm asynchronous
motors for high and low voltage
with cooling type IC 411**

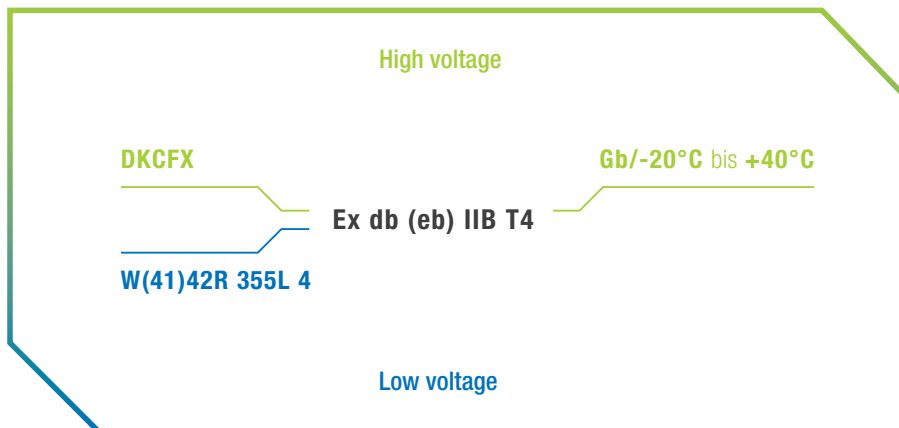


Flameproof three-phase motors

High and low voltage range



Type code high and low voltage



- D** Three-phase **K** Squirrel-cage
- C** Type of cooling IC 411 (surface-cooling)
- F** Flameproof zone 1 **X** Voltage level
- db** Flameproof **IIB** Gas group IIB (IIC)
- T4** Temperatur class 135°C

VEM offers motors in the protection type „flameproof enclosure“, cooling type IC 411, protection class IP55 in the power range from 185 to 2,240 kW. The designs are in accordance with the relevant standards DIN, IEC, EN and VDE. The motors are also available in low-noise versions.

The certification of the machines according to ATEX and IECEx was carried out by CNEX. The product range includes motors in protection types Ex-d (e) IIB and IIC and temperature classes T1 to T4.

The motors are available in rated voltages of 400 V to 11 kV and rated frequencies of 50 Hz and 60 Hz.

VEM standards for Ex d (e) motors

Electrical design	Voltage	3 - 3.3 - 6 - 6.3 - 6.6 - 10 -10.5 - 11 kV
	Frequency	50/ 60 Hz
Mechanical design	Explosion protection	<ul style="list-style-type: none"> Ex-de (Motors Ex d + HKK Ex eb) IIC up to shaft height 355/ 400 (up to 560 in progress) temperature class: T4
	Frame size	355 up to 560
	Type of construction	IMB3, 35, IMV1
	Protection	IP55
	Terminal boxes	<ul style="list-style-type: none"> 1 x main terminal box (DE preferred or NDE) and 1 x auxilliary terminal box for Pt100 on same side terminal box for space heater on other side
	Paint finish	<ul style="list-style-type: none"> C3, Ral 7031 name plate in stainless steel
	Bearings	<ul style="list-style-type: none"> antifriction bearings temperature: -20...+40 routine test grease: Shell Gadus S2 V100 3 regreasing time: 4,000 h > 2 poles; 2,000 h 2 poles sleeve bearings (AH > 400 2 pole): ring oil lubrication; 2 non located bearings, coupling necessary
	Noise	noise level 82+3 dB 1 m (no load)
Accessories	Thermal protection	<ul style="list-style-type: none"> 6 Pt100 winding in 3- or 4 wire connection from terminals 2x1 Pt100 in bearings in 3- or 4 wire connection from terminals
	Corrosion protection	space heater 230/ 400V, 50 Hz (500 V)
Documentation	Standard documentation	<ul style="list-style-type: none"> manual Ex certification dimension drawing main motor dimension drawing terminal boxes data sheet wiring diagram speed torque curve routine test protocol manuals for auxilliary equipment



Technical parameters 2-pole*, 6 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	cos φ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFX 3515-2	355	185	593	2,977	93.9	0.90	18.9	6.4	1.2	3.1	4.4	2,620
DKCFX 3515-2	355	200	642	2,975	94.0	0.91	20.4	5.9	1.2	2.9	4.4	2,620
DKCFX 3515-2	355	220	706	2,977	94.2	0.91	22.3	6.3	1.2	3.1	4.7	2,670
DKCFX 3515-2	355	250	803	2,975	94.3	0.91	25.3	5.9	1.2	2.9	5.0	2,730
DKCFX 3517-2	355	280	898	2,976	94.6	0.91	28.1	6.3	1.2	3.1	5.5	2,820
DKCFX 3517-2	355	315	1,011	2,975	94.7	0.92	31.5	6.1	1.2	3.0	5.8	2,890
DKCFX 3517-2	355	355	1,140	2,974	94.8	0.92	35.4	5.8	1.1	2.8	6.4	2,990
DKCFX 3519-2	355	400	1,285	2,973	94.9	0.92	39.8	5.6	1.1	2.7	6.8	3,080
DKCFX 3519-2	355	450	1,446	2,972	95.0	0.92	44.7	5.5	1.1	2.7	7.4	3,200
DKCFX 3519-2	355	500	1,607	2,972	95.2	0.92	49.6	5.5	1.1	2.7	8.0	3,310
DKCFX 4017-2	400	500	1,603	2,978	95.2	0.90	50.8	5.0	1.5	2.1	11.8	4,200
DKCFX 4018-2	400	560	1,795	2,979	95.4	0.90	56.5	5.3	1.5	2.1	12.7	4,330
DKCFX 4020-2	400	630	2,019	2,980	95.5	0.91	63.1	5.6	1.6	2.3	13.7	4,470
DKCFX 4022-2	400	710	2,274	2,982	95.7	0.91	70.6	6.1	1.7	2.5	14.7	4,620
DKCFX 4518-2	450	710	2,272	2,984	95.5	0.91	71.3	5.9	1.5	2.6	19.6	5,640
DKCFX 4519-2	450	800	2,561	2,983	95.7	0.91	80.0	5.7	1.4	2.5	21.3	5,860
DKCFX 4521-2	450	900	2,882	2,982	95.8	0.91	89.7	5.6	1.4	2.4	22.8	6,050
DKCFX 4523-2	450	1,000	3,202	2,982	95.9	0.91	99.5	5.6	1.3	2.4	24.2	6,230
DKCFX 5019-2	500	1,000	3,195	2,989	96.4	0.90	100.1	5.8	1.3	2.4	34.9	7,450
DKCFX 5021-2	500	1,120	3,578	2,989	96.6	0.90	111.4	5.9	1.3	2.5	37.7	7,730
DKCFX 5023-2	500	1,250	3,993	2,989	97.1	0.91	123.1	6.2	1.3	2.6	40.9	8,050
DKCFX 5025-2	500	1,400	4,476	2,987	97.1	0.90	138.7	5.2	1.1	2.2	44.2	8,380
DKCFX 5621-2	560	1,400	4,473	2,989	96.0	0.90	141.2	4.8	1.1	2.0	60.9	10,040
DKCFX 5623-2	560	1,600	5,112	2,989	96.1	0.90	160.5	4.9	1.1	2.0	66.7	10,490
DKCFX 5626-2	560	1,800	5,750	2,989	96.3	0.91	178.9	5.2	1.1	2.2	71.8	10,870
DKCFX 5628-2	560	2,000	6,386	2,990	96.4	0.91	197.1	5.7	1.2	2.4	76.9	11,290

* 2-pole motors in sleeve bearing design may only be operated with a limited axial play coupling, even under no-load condition.

Technical parameters 4-pole, 6 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	$\cos\varphi$ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFX 3519-4	355	185	1,187	1,488	94.7	0.87	19.4	6.0	1.2	3.2	7.9	2,790
DKCFX 3519-4	355	200	1,285	1,487	94.7	0.88	20.9	5.6	1.1	3.0	7.9	2,790
DKCFX 3519-4	355	220	1,413	1,487	94.9	0.88	22.7	5.5	1.1	2.9	8.9	2,890
DKCFX 3519-4	355	250	1,606	1,487	95.1	0.89	25.7	5.6	1.1	2.9	9.5	2,950
DKCFX 3519-4	355	280	1,796	1,489	95.2	0.88	28.9	6.5	1.3	3.4	10.6	3,050
DKCFX 3521-4	355	315	2,022	1,488	95.3	0.89	32.2	6.1	1.2	3.2	11.4	3,130
DKCFX 3521-4	355	355	2,280	1,487	95.5	0.89	36.1	5.8	1.1	3.0	12.4	3,240
DKCFX 3521-4	355	400	2,566	1,489	95.6	0.89	40.7	6.4	1.3	3.3	13.5	3,340
DKCFX 3523-4	355	450	2,887	1,488	95.7	0.89	45.6	6.3	1.3	3.3	14.5	3,450
DKCFX 3523-4	355	500	3,208	1,489	95.9	0.89	50.6	6.4	1.3	3.3	15.5	3,550
DKCFX 3523-4	355	560	3,598	1,486	95.8	0.90	56.4	5.4	1.1	2.8	16.6	3,660
DKCFX 4019-4	400	560	3,591	1,489	96.0	0.89	57.1	6.5	1.3	3.2	21.4	4,410
DKCFX 4021-4	400	630	4,041	1,489	96.1	0.89	64.0	6.3	1.3	3.1	22.7	4,530
DKCFX 4023-4	400	710	4,556	1,488	96.2	0.89	71.9	6.0	1.2	2.9	24.5	4,690
DKCFX 4025-4	400	800	5,136	1,488	96.2	0.89	80.8	5.8	1.2	2.8	26.4	4,850
DKCFX 4521-4	450	800	5,128	1,490	96.3	0.89	80.8	5.9	1.3	2.8	37.3	5,810
DKCFX 4523-4	450	900	5,770	1,490	96.4	0.89	90.7	5.8	1.3	2.7	39.7	5,980
DKCFX 4526-4	450	1,000	6,410	1,490	96.5	0.89	100.6	5.9	1.3	2.7	42.0	6,150
DKCFX 5023-4	500	1,000	6,396	1,493	96.8	0.89	100.5	5.6	0.7	2.8	55.6	6,990
DKCFX 5025-4	500	1,120	7,165	1,493	96.9	0.89	112.4	5.5	0.7	2.8	60.1	7,260
DKCFX 5028-4	500	1,250	7,997	1,493	96.9	0.89	125.2	5.5	0.7	2.7	65.3	7,570
DKCFX 5031-4	500	1,400	8,955	1,493	97.0	0.89	140.1	5.5	0.7	2.7	70.6	7,880
DKCFX 5031-4	500	1,600	10,234	1,493	97.1	0.90	159.5	5.6	0.7	2.8	77.4	8,210
DKCFX 5625-4	560	1,600	10,229	1,494	97.1	0.90	158.2	6.3	1.0	3.0	108.6	10,310
DKCFX 5628-4	560	1,800	11,509	1,494	97.1	0.90	177.7	6.0	1.0	2.9	115.9	10,640
DKCFX 5632-4	560	2,000	12,789	1,493	97.2	0.90	197.2	5.8	1.0	2.8	125.5	11,050
DKCFX 5634-4	560	2,240	14,327	1,493	97.3	0.91	220.6	5.7	1.0	2.7	135.2	11,500

Technical parameters 6-pole, 6 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	cosφ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFX 3522-6	355	185	1,785	990	94.4	0.84	20.2	5.8	1.1	2.9	11.4	3,000
DKCFX 3522-6	355	200	1,929	990	94.5	0.84	22.0	6.1	1.1	3.0	12.2	3,060
DKCFX 3522-6	355	220	2,121	991	94.7	0.84	24.0	6.3	1.2	3.1	13.5	3,160
DKCFX 3524-6	355	250	2,410	991	94.8	0.85	27.0	6.2	1.1	3.0	15.7	3,290
DKCFX 3524-6	355	280	2,701	990	94.9	0.85	30.0	5.9	1.1	2.8	17.0	3,400
DKCFX 3524-6	355	315	3,039	990	95.1	0.86	33.5	5.6	1.0	2.7	18.3	3,500
DKCFX 3527-6	355	355	3,420	991	95.2	0.85	38.1	6.4	1.2	3.1	19.7	3,600
DKCFX 3527-6	355	400	3,854	991	95.3	0.85	42.9	6.4	1.2	3.1	21.0	3,700
DKCFX 4021-6	400	400	3,858	990	95.5	0.85	42.8	5.0	1.2	2.4	24.5	4,220
DKCFX 4023-6	400	450	4,342	990	95.6	0.85	47.8	4.8	1.1	2.3	27.9	4,430
DKCFX 4025-6	400	500	4,824	990	95.7	0.86	52.9	4.8	1.1	2.3	31.3	4,640
DKCFX 4028-6	400	560	5,402	990	95.8	0.86	59.1	4.9	1.2	2.3	35.1	4,870
DKCFX 4028-6	400	630	6,071	991	96.0	0.85	66.7	5.5	1.3	2.6	37.2	4,980
DKCFX 4525-6	450	630	6,056	993	96.0	0.88	64.4	6.5	1.2	3.4	57.9	5,730
DKCFX 4528-6	450	710	6,826	993	96.1	0.89	72.3	6.3	1.1	3.3	61.7	5,900
DKCFX 4531-6	450	800	7,693	993	96.2	0.89	81.2	6.2	1.1	3.2	65.5	6,070
DKCFX 5025-6	500	800	7,683	994	96.4	0.88	82.0	5.9	1.1	2.9	91.8	6,950
DKCFX 5028-6	500	900	8,646	994	96.5	0.88	91.9	5.6	1.0	2.8	100.4	7,250
DKCFX 5031-6	500	1,000	9,606	994	96.6	0.88	101.9	5.7	1.0	2.8	106.6	7,470
DKCFX 5034-6	500	1,120	10,759	994	96.6	0.88	113.9	5.7	1.0	2.8	115.2	7,760
DKCFX 5034-6	500	1,250	12,007	994	96.7	0.88	126.9	5.8	1.1	2.8	123.9	8,050
DKCFX 5630-6	560	1,250	11,990	996	96.6	0.88	127.0	6.3	1.0	3.2	186.8	10,720
DKCFX 5632-6	560	1,400	13,431	995	96.7	0.89	141.4	6.1	0.9	3.1	202.7	11,150
DKCFX 5636-6	560	1,600	15,350	995	96.8	0.89	161.4	5.9	0.9	3.0	212.7	11,430
DKCFX 5638-6	560	1,800	17,274	995	96.9	0.89	180.7	5.8	0.9	2.9	232.7	11,960

Technical parameters 8-pole, 6 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	$\cos\varphi$ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFX 3522-8	355	200	2,577	741	94.1	0.78	23.6	4.9	1.2	2.7	16.4	3,320
DKCFX 3522-8	355	220	2,836	741	94.3	0.79	25.7	4.8	1.2	2.6	17.7	3,420
DKCFX 3524-8	355	250	3,224	740	94.4	0.79	28.9	4.6	1.1	2.4	19.1	3,530
DKCFX 3527-8	355	280	3,612	740	94.5	0.80	32.3	4.6	1.1	2.4	20.4	3,630
DKCFX 3527-8	355	315	4,063	740	94.6	0.80	36.3	4.5	1.1	2.4	21.8	3,730
DKCFX 4021-8	400	315	4,055	742	94.9	0.79	36.4	4.7	1.2	2.3	31.4	4,600
DKCFX 4023-8	400	355	4,572	741	95.0	0.80	40.6	4.6	1.2	2.1	34.9	4,806
DKCFX 4025-8	400	400	5,152	741	95.1	0.80	45.6	4.5	1.2	2.1	38.4	5,020
DKCFX 4028-8	400	450	5,794	742	95.2	0.80	51.4	4.6	1.2	2.2	41.3	5,180
DKCFX 4523-8	450	450	5,776	744	95.6	0.84	48.9	5.2	1.0	2.7	53.9	5,540
DKCFX 4525-8	450	500	6,415	744	95.7	0.83	54.6	5.5	1.0	2.9	57.7	5,710
DKCFX 4528-8	450	560	7,183	744	95.8	0.83	61.1	5.7	1.0	3.0	63.8	5,970
DKCFX 4531-8	450	630	8,075	745	95.8	0.82	69.7	6.1	1.2	3.3	69.2	6,190
DKCFX 5028-8	500	630	8,074	745	95.8	0.84	68.3	6.0	1.2	3.1	105.4	7,030
DKCFX 5030-8	500	710	9,101	745	95.9	0.84	76.4	5.8	1.1	3.0	112.4	7,260
DKCFX 5033-8	500	800	10,258	745	96.0	0.85	85.6	5.5	1.0	2.8	122.2	7,560
DKCFX 5036-8	500	900	11,544	745	96.1	0.85	95.8	5.3	1.0	2.7	133.4	7,900
DKCFX 5630-8	560	900	11,527	746	96.1	0.85	96.0	6.3	1.3	3.1	201.3	10,120
DKCFX 5632-8	560	1,000	12,810	745	96.2	0.85	106.2	6.2	1.2	3.1	218.9	10,480
DKCFX 5636-8	560	1,120	14,349	745	96.3	0.85	118.4	6.1	1.2	3.0	239.0	10,900
DKCFX 5640-8	560	1,250	16,012	745	96.3	0.85	131.8	6.1	1.2	3.0	261.6	11,360
DKCFX 5640-8	560	1,400	17,932	746	96.4	0.86	147.3	6.2	1.3	3.0	289.3	11,920

Technical parameters 10-pole, 6 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	cos φ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFX 4021-10	400	220	3,551	592	93.6	0.77	26.5	4.3	0.9	2.5	28.4	4,210
DKCFX 4023-10	400	250	4,035	592	93.8	0.77	29.9	4.2	0.9	2.5	31.4	4,360
DKCFX 4025-10	400	280	4,520	592	94.0	0.78	33.2	4.2	0.8	2.4	36.3	4,610
DKCFX 4028-10	400	315	5,079	592	94.1	0.77	37.6	4.4	0.9	2.6	39.8	4,800
DKCFX 4523-10	450	315	5,064	594	94.0	0.78	37.3	4.8	1.0	2.6	70.8	5,520
DKCFX 4525-10	450	355	5,710	594	94.1	0.79	41.7	4.6	1.0	2.5	75.9	5,690
DKCFX 4528-10	450	400	6,436	593	94.3	0.79	46.7	4.5	1.0	2.4	81.0	5,860
DKCFX 4531-10	450	450	7,242	593	94.4	0.79	52.4	4.4	1.0	2.4	86.0	6,040
DKCFX 5028-10	500	450	7,232	594	95.0	0.81	51.0	5.3	1.1	3.0	96.6	6,780
DKCFX 5030-10	500	500	8,033	594	95.1	0.81	56.7	5.5	1.2	3.1	109.2	7,160
DKCFX 5033-10	500	560	8,999	594	95.2	0.81	63.1	5.3	1.1	3.0	116.2	7,380
DKCFX 5036-10	500	630	10,126	594	95.4	0.81	70.6	5.2	1.1	3.0	123.2	7,610
DKCFX 5036-10	500	710	11,413	594	95.5	0.81	79.3	5.1	1.1	2.9	131.6	7,880
DKCFX 5630-10	560	710	11,378	596	95.8	0.83	77.7	5.7	1.1	3.0	205.5	10,070
DKCFX 5632-10	560	800	12,823	596	96.0	0.83	87.2	5.5	1.1	2.9	220.6	10,420
DKCFX 5636-10	560	900	14,429	596	96.1	0.83	97.6	5.4	1.1	2.8	240.9	10,830
DKCFX 5640-10	560	1,000	16,029	596	96.1	0.83	108.4	5.5	1.1	2.8	261.1	11,240
DKCFX 5640-10	560	1,120	17,951	596	96.2	0.83	121.3	5.6	1.1	2.9	286.4	11,750

Technical parameters 12-pole, 6 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	$\cos\varphi$ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFX 4523-12	450	220	4,250	494	93.5	0.75	27.3	5.2	1.1	3.2	67.2	5,430
DKCFX 4525-12	450	250	4,831	494	93.7	0.75	30.8	5.1	1.1	3.2	70.3	5,540
DKCFX 4528-12	450	280	5,411	494	93.8	0.75	34.4	5.1	1.1	3.2	73.4	5,650
DKCFX 4531-12	450	315	6,089	494	94.0	0.76	38.4	5.0	1.0	3.1	78.4	5,820
DKCFX 4531-12	450	355	6,863	494	94.1	0.76	42.9	4.9	1.0	3.0	85.6	6,050
DKCFX 5028-12	500	355	6,845	495	94.7	0.79	41.0	5.8	1.2	3.4	121.7	7,140
DKCFX 5030-12	500	400	7,715	495	94.9	0.80	45.9	5.6	1.2	3.3	126.8	7,280
DKCFX 5033-12	500	450	8,680	495	95.0	0.80	51.4	5.6	1.2	3.3	131.8	7,410
DKCFX 5036-12	500	500	9,646	495	95.2	0.80	56.8	5.5	1.1	3.2	142.0	7,670
DKCFX 5036-12	500	560	10,811	495	95.2	0.81	62.9	5.2	1.1	3.0	158.9	7,890
DKCFX 5630-12	560	560	10,786	496	95.5	0.81	62.6	5.3	1.1	2.9	201.5	10,030
DKCFX 5632-12	560	630	12,136	496	95.6	0.81	70.2	5.2	1.1	2.8	214.2	10,320
DKCFX 5636-12	560	710	13,681	496	95.7	0.82	78.7	5.1	1.0	2.8	234.4	10,700
DKCFX 5640-12	560	800	15,415	496	95.8	0.82	88.2	4.9	1.0	2.7	259.7	11,210
DKCFX 5640-12	560	900	17,341	496	95.9	0.82	99.1	5.0	1.0	2.7	285.1	11,720

Technical parameters 2-pole*, 10 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	cosφ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFY 4013-2	400	185	592	2,983	93.0	0.88	13.1	5.7	1.7	2.3	7.9	3,560
DKCFY 4013-2	400	200	641	2,982	93.1	0.88	14.2	5.3	1.6	2.2	7.9	3,570
DKCFY 4013-2	400	220	705	2,979	93.3	0.88	15.6	4.8	1.4	2.0	7.9	3,570
DKCFY 4014-2	400	250	801	2,979	93.5	0.88	17.6	4.7	1.4	1.9	8.5	3,660
DKCFY 4014-2	400	280	1,009	2,980	94.1	0.89	19.6	5.0	1.5	2.0	9.2	3,720
DKCFY 4014-2	400	315	1,009	2,980	94.1	0.89	21.9	5.0	1.5	2.0	9.2	3,780
DKCFY 4016-2	400	355	1,138	2,980	94.3	0.89	24.4	5.0	1.5	2.1	10.2	3,920
DKCFY 4016-2	400	400	1,282	2,980	94.5	0.90	27.3	5.2	1.5	2.1	11.2	4,040
DKCFY 4018-2	400	450	1,441	2,982	94.7	0.90	30.5	5.6	1.6	2.3	11.8	4,130
DKCFY 4018-2	400	500	1,601	2,983	94.9	0.91	33.6	6.2	1.8	2.5	12.7	4,260
DKCFY 4517-2	450	500	1,600	2,984	94.6	0.90	34.0	5.8	1.5	2.5	17.8	5,340
DKCFY 4518-2	450	560	1,792	2,984	94.8	0.90	37.8	5.7	1.4	2.5	19.0	5,490
DKCFY 4519-2	450	630	2,016	2,984	95.1	0.91	42.4	5.8	1.4	2.5	19.8	5,610
DKCFY 4519-2	450	710	2,272	2,984	95.3	0.91	47.5	5.8	1.4	2.6	20.7	5,750
DKCFY 4521-2	450	800	2,560	2,984	95.5	0.91	53.3	5.9	1.4	2.6	22.2	5,930
DKCFY 4521-2	450	900	2,880	2,984	95.7	0.91	59.7	6.0	1.4	2.6	23.6	6,110
DKCFY 5019-2	500	900	2,877	2,988	95.5	0.89	61.0	5.2	1.2	2.2	31.8	7,230
DKCFY 5020-2	500	1,000	3,196	2,988	95.7	0.90	67.3	5.5	1.2	2.3	35.0	7,540
DKCFY 5021-2	500	1,120	3,579	2,989	95.9	0.90	74.8	5.9	1.3	2.5	37.2	7,790
DKCFY 5023-2	500	1,250	3,997	2,986	95.9	0.90	84.1	5.0	1.0	2.1	39.4	8,000
DKCFY 5619-2	560	1,250	3,992	2,990	95.5	0.90	83.7	5.4	1.2	2.2	60.1	10,110
DKCFY 5621-2	560	1,400	4,472	2,990	95.7	0.91	93.5	5.3	1.2	2.2	62.2	10,300
DKCFY 5623-2	560	1,600	5,109	2,991	96.0	0.91	105.9	5.8	1.3	2.4	66.4	10,650
DKCFY 5626-2	560	1,800	5,748	2,991	96.1	0.91	118.7	5.8	1.2	2.4	69.8	10,940

* 2-pole motors in sleeve bearing design may only be operated with a limited axial play coupling, even under no-load condition.

Technical parameters 4-pole, 10 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	cosφ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFY 4019-4	400	185	1,187	1,489	94.2	0.87	13.0	5.8	1.1	2.9	13.0	3,740
DKCFY 4019-4	400	200	1,284	1,488	94.3	0.88	14.0	5.4	1.0	2.7	13.0	3,750
DKCFY 4019-4	400	220	1,411	1,488	94.5	0.87	15.4	5.8	1.1	2.9	13.0	3,750
DKCFY 4019-4	400	250	1,604	1,488	94.7	0.88	17.4	5.7	1.1	2.9	13.9	3,830
DKCFY 4019-4	400	280	1,795	1,489	94.9	0.87	19.6	6.1	1.2	3.1	13.9	3,840
DKCFY 4021-4	400	315	2,020	1,489	95.1	0.88	21.9	6.1	1.2	3.1	15.5	3,960
DKCFY 4021-4	400	355	2,276	1,489	95.3	0.88	24.5	6.3	1.2	3.1	17.1	4,040
DKCFY 4021-4	400	400	2,567	1,488	95.3	0.89	27.4	5.7	1.1	2.8	19.2	4,200
DKCFY 4023-4	400	450	2,885	1,489	95.5	0.88	30.8	6.3	1.2	3.1	20.2	4,280
DKCFY 4023-4	400	500	3,207	1,489	95.6	0.89	34.1	6.2	1.2	3.0	21.7	4,410
DKCFY 4023-4	400	560	3,592	1,489	95.8	0.89	38.1	6.1	1.2	3.0	23.3	4,540
DKCFY 4517-4	450	560	3,587	1,491	95.9	0.88	38.2	6.4	1.3	3.1	31.5	5,380
DKCFY 4519-4	450	630	4,036	1,491	96.0	0.89	42.8	6.3	1.3	3.0	33.9	5,540
DKCFY 4521-4	450	710	4,548	1,491	96.1	0.89	48.1	6.3	1.3	3.0	35.8	5,690
DKCFY 4523-4	450	800	5,125	1,491	96.2	0.89	54.1	6.3	1.3	3.0	38.2	5,850
DKCFY 4523-4	450	900	5,765	1,491	96.4	0.89	60.8	6.5	1.4	3.1	40.6	6,010
DKCFY 5021-4	500	900	5,761	1,492	96.4	0.89	60.6	6.0	1.0	2.9	52.0	6,820
DKCFY 5023-4	500	1,000	6,400	1,492	96.5	0.89	67.1	6.1	1.1	3.0	56.4	7,070
DKCFY 5025-4	500	1,120	7,167	1,492	96.6	0.89	75.0	6.3	1.1	3.0	62.2	7,400
DKCFY 5028-4	500	1,250	8,008	1,491	96.6	0.89	83.7	5.4	0.9	2.6	65.8	7,640
DKCFY 5623-4	560	1,250	7,990	1,494	97.2	0.90	82.8	6.2	1.0	3.0	90.4	9,520
DKCFY 5625-4	560	1,400	8,951	1,493	97.2	0.90	92.5	5.9	0.9	2.8	98.9	9,880
DKCFY 5628-4	560	1,600	10,227	1,494	97.3	0.90	105.4	6.4	1.0	3.0	109.8	10,330
DKCFY 5632-4	560	1,800	11,506	1,494	97.4	0.90	118.3	6.3	1.0	3.0	118.3	10,690
DKCFY 5632-4	560	2,000	12,786	1,494	97.4	0.90	131.2	6.3	1.0	3.0	128.0	11,110

Technical parameters 6-pole, 10 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	cos φ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFY 4021-6	400	185	1,782	992	94.0	0.83	13.7	5.5	1.2	2.7	17.7	3,710
DKCFY 4021-6	400	200	1,925	992	93.9	0.82	15.0	5.9	1.4	3.0	17.7	3,720
DKCFY 4021-6	400	220	2,117	992	94.4	0.83	16.3	5.9	1.4	2.9	19.4	3,820
DKCFY 4021-6	400	250	2,407	992	94.6	0.84	18.3	5.8	1.3	2.8	21.5	3,940
DKCFY 4021-6	400	280	2,696	992	94.7	0.84	20.4	5.8	1.3	2.8	23.6	4,060
DKCFY 4023-6	400	315	3,032	992	94.9	0.84	22.8	5.9	1.4	2.8	26.2	4,220
DKCFY 4023-6	400	355	3,416	992	95.1	0.84	25.6	6.0	1.4	2.9	29.1	4,390
DKCFY 4025-6	400	400	3,848	993	95.2	0.84	29.0	6.5	1.5	3.1	32.1	4,570
DKCFY 4025-6	400	450	4,328	993	95.4	0.84	32.6	6.5	1.6	3.1	33.4	4,660
DKCFY 4521-6	450	450	4,327	993	95.4	0.88	31.0	6.1	1.1	3.2	48.0	5,230
DKCFY 4523-6	450	500	4,809	993	95.5	0.88	34.2	5.9	1.1	3.1	51.8	5,400
DKCFY 4525-6	450	560	5,387	993	95.7	0.89	38.2	5.8	1.0	3.0	55.6	5,580
DKCFY 4528-6	450	630	6,062	992	95.8	0.89	42.8	5.6	1.0	2.9	59.4	5,740
DKCFY 4528-6	450	710	6,835	992	95.9	0.89	48.1	5.4	1.0	2.8	65.5	6,000
DKCFY 5023-6	500	710	6,822	994	96.0	0.88	48.8	5.5	1.0	2.7	81.3	6,660
DKCFY 5025-6	500	800	7,679	995	96.2	0.87	55.2	6.4	1.2	3.2	88.4	6,920
DKCFY 5028-6	500	900	8,640	995	96.3	0.87	61.8	6.5	1.2	3.2	96.7	7,210
DKCFY 5031-6	500	1,000	9,611	994	96.3	0.88	68.1	5.4	1.0	2.6	106.2	7,540
DKCFY 5031-6	500	1,120	10,761	994	96.5	0.88	76.1	5.6	1.0	2.7	114.6	7,830
DKCFY 5626-6	560	1,120	10,747	995	96.3	0.89	75.9	6.0	0.9	3.0	182.8	10,450
DKCFY 5629-6	560	1,250	11,996	995	96.4	0.89	84.3	5.7	0.9	2.9	194.8	10,790
DKCFY 5632-6	560	1,400	13,430	995	96.5	0.89	94.7	6.2	1.0	3.2	208.7	11,160
DKCFY 5636-6	560	1,600	15,353	995	96.6	0.89	107.7	6.0	0.9	3.0	222.7	11,530

Technical parameters 8-pole, 10 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	$\cos\varphi$ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFY 4021-8	400	185	2,377	743	93.6	0.77	14.9	5.4	1.4	2.7	25.0	3,980
DKCFY 4021-8	400	200	2,569	743	93.8	0.77	16.0	5.4	1.4	2.6	27.5	4,110
DKCFY 4023-8	400	220	2,826	743	93.9	0.78	17.3	5.4	1.4	2.6	30.4	4,270
DKCFY 4023-8	400	250	3,213	743	94.2	0.79	19.5	5.2	1.3	2.5	33.9	4,440
DKCFY 4025-8	400	280	3,597	743	94.5	0.79	21.7	5.3	1.4	2.5	37.4	4,610
DKCFY 4025-8	400	315	4,046	743	94.6	0.79	24.5	5.4	1.4	2.6	41.3	4,810
DKCFY 4523-8	450	315	4,041	744	94.8	0.82	23.3	5.6	1.0	3.0	46.2	5,280
DKCFY 4525-8	450	355	4,553	745	94.8	0.82	26.3	5.8	1.1	3.0	50.0	5,450
DKCFY 4525-8	450	400	5,128	745	95.2	0.82	29.8	6.0	1.1	3.2	54.6	5,610
DKCFY 4528-8	450	450	5,767	745	95.2	0.82	33.5	6.3	1.2	3.4	61.5	5,780
DKCFY 4531-8	450	500	6,408	745	95.3	0.82	37.2	6.2	1.2	3.3	65.4	5,960
DKCFY 4531-8	450	560	7,178	745	95.4	0.82	41.6	6.2	1.2	3.3	69.2	6,130
DKCFY 5028-8	500	560	7,181	745	95.5	0.84	40.5	5.6	1.1	2.9	93.5	6,790
DKCFY 5030-8	500	630	8,073	745	95.7	0.83	45.9	6.1	1.2	3.2	104.3	7,120
DKCFY 5033-8	500	710	9,099	745	95.8	0.83	51.5	6.1	1.2	3.1	112.4	7,370
DKCFY 5036-8	500	800	10,251	745	95.9	0.84	57.8	6.1	1.2	3.1	123.2	7,700
DKCFY 5628-8	560	800	10,252	745	95.7	0.85	57.0	5.9	1.2	2.9	188.7	9,780
DKCFY 5632-8	560	900	11,535	745	95.8	0.85	63.8	5.8	1.2	2.9	206.3	10,140
DKCFY 5636-8	560	1,000	12,815	745	95.9	0.85	70.6	5.9	1.2	2.9	226.4	10,540
DKCFY 5640-8	560	1,120	14,354	745	96.0	0.86	78.9	5.9	1.2	2.9	251.6	11,040
DKCFY 5640-8	560	1,250	16,015	745	96.1	0.85	88.1	6.2	1.2	3.0	276.7	11,530

Technical parameters 10-pole, 10 kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	cosφ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFY 4023-10	400	185	2,974	594	92.9	0.76	15.2	5.3	1.1	3.2	31.5	4,290
DKCFY 4023-10	400	200	3,216	594	93.0	0.76	16.4	5.3	1.1	3.2	34.0	4,420
DKCFY 4025-10	400	220	3,537	594	93.2	0.76	17.9	5.2	1.1	3.1	36.5	4,550
DKCFY 4025-10	400	250	4,020	594	93.3	0.77	20.2	5.2	1.0	3.1	41.4	4,800
DKCFY 4525-10	450	250	4,019	594	93.4	0.77	20.1	4.9	1.1	2.7	65.7	5,370
DKCFY 4525-10	450	280	4,502	594	93.6	0.78	22.3	4.8	1.0	2.6	70.8	5,540
DKCFY 4528-10	450	315	5,066	594	93.8	0.78	24.9	4.7	1.0	2.6	75.9	5,700
DKCFY 4531-10	450	355	5,709	594	94.0	0.78	28.0	4.7	1.0	2.5	81.0	5,870
DKCFY 4531-10	450	400	6,431	594	94.1	0.78	31.6	4.8	1.0	2.6	86.0	6,030
DKCFY 5028-10	500	400	6,421	595	94.6	0.78	31.4	5.9	1.3	3.4	93.8	6,720
DKCFY 5030-10	500	450	7,225	595	94.8	0.79	34.9	5.7	1.2	3.3	100.8	6,940
DKCFY 5033-10	500	500	8,029	595	94.9	0.79	38.7	5.7	1.2	3.3	107.8	7,150
DKCFY 5036-10	500	560	8,993	595	95.1	0.79	43.0	5.6	1.2	3.3	117.6	7,450
DKCFY 5036-10	500	630	10,116	595	95.2	0.79	48.4	5.7	1.2	3.3	126.0	7,700
DKCFY 5628-10	560	630	10,102	596	95.6	0.83	46.0	5.3	1.0	2.8	192.8	9,820
DKCFY 5632-10	560	710	11,385	596	95.7	0.83	51.8	5.3	1.0	2.8	205.5	10,080
DKCFY 5636-10	560	800	12,828	595	95.8	0.83	58.1	5.3	1.0	2.7	225.7	10,480
DKCFY 5640-10	560	900	14,431	596	95.9	0.83	65.3	5.4	1.1	2.8	245.9	10,880
DKCFY 5640-10	560	1,000	16,025	596	95.9	0.83	72.9	5.7	1.1	3.0	266.2	11,280

Technical parameters 12-pole, 10kV

Type	Frame size	P [kW]	M [Nm]	n [min ⁻¹]	η [%]	cosφ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Mk/Mn [-]	J [kgm ²]	m [kg]
DKCFY 4525-12	450	200	3,862	494	92.7	0.73	17.0	5.3	1.1	3.3	63.2	5,250
DKCFY 4525-12	450	220	4,249	494	92.9	0.74	18.6	5.3	1.1	3.3	68.3	5,420
DKCFY 4528-12	450	250	4,829	494	93.1	0.74	20.9	5.3	1.1	3.3	73.4	5,580
DKCFY 4531-12	450	280	5,408	494	93.3	0.75	23.3	5.2	1.1	3.3	80.5	5,810
DKCFY 4531-12	450	315	6,084	494	93.3	0.75	26.2	5.3	1.1	3.3	87.6	6,030
DKCFY 5028-12	500	315	6,081	495	93.4	0.71	27.5	4.9	1.2	3.0	89.6	6,630
DKCFY 5030-12	500	355	6,852	495	93.5	0.71	30.9	4.9	1.2	3.0	96.6	6,840
DKCFY 5033-12	500	400	7,720	495	93.6	0.71	34.7	4.9	1.2	3.0	106.4	7,120
DKCFY 5036-12	500	450	8,682	495	93.8	0.71	39.2	5.0	1.2	3.1	117.6	7,560
DKCFY 5036-12	500	500	9,641	495	94.0	0.70	43.7	5.2	1.3	3.2	134.4	7,940
DKCFY 5628-12	560	500	9,611	497	94.5	0.74	41.3	5.8	1.1	3.5	220.0	10,300
DKCFY 5632-12	560	560	10,766	497	94.6	0.75	45.8	5.7	1.1	3.4	235.2	10,610
DKCFY 5636-12	560	630	12,116	497	94.8	0.76	50.9	5.6	1.1	3.3	255.5	11,020
DKCFY 5640-12	560	710	13,654	497	94.9	0.76	57.4	5.6	1.1	3.3	270.7	11,330
DKCFY 5640-12	560	800	15,394	496	95.1	0.77	63.5	5.2	1.0	3.0	285.9	11,650

Technical parameters 2-pole*, 400 V

Type	P [kW]	M [Nm]	n [min ⁻¹]	IE- [-]	η			cosφ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Ms/Mn [-]	Mk/Mn [-]	J	m
					100%	[75%]	50%								
IE3-W41R 355 MY2G	315	1,006	2,990	IE3-	96	96	95.5	0.9	526	8.5	1.4	1	2.7	4.1	1,900
IE3-W41R 355 M2G	355	1,135	2,985	IE3-	96	96	96	0.92	580	7.7	1.3	1	2.6	4.2	2,000
IE3-W42R 355 MX2G	400	1,278	2,988	IE3-	96	96	96	0.92	654	8.5	1.8	1.1	2.5	5.5	2,275
IE3-W42R 355 L2G	500	1,596	2,990	IE3-	96.2	96.2	96.2	0.9	834	11	2.2	1.4	3.2	7.1	2,450
IE3-W42R 400 M2G	560	1,785	2,995	IE3-	96	96	95.5	0.83	1,014	9	2.8	a. A.	3	8.44	3,000
IE3-W42R 400 MX2G	630	2,010	2,993	IE3-	97	97	96.7	0.9	1,042	8.8	2.5	1.5	2.7	9.41	3,200
IE3-W42R 400 L2G	710	2,271	2,985	IE3-	96	96	95.5	0.9	1,186	7.7	2.2	1.1	2.8	10.41	3,400

Technical parameters 4-pole, 400 V

Type	P [kW]	M [Nm]	n [min ⁻¹]	IE- [-]	η			cosφ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Ms/Mn [-]	Mk/Mn [-]	J	m
					100%	[75%]	50%								
IE3-W41R 355MY 4	315	2,016	1,492	IE3-	96	96	95.5	0.86	551	7	1	0.8	2.4	5.6	1,950
IE3-W41R 355M 4	355	2,270	1,493	IE3-	96.2	96.2	95.5	0.87	612	8.1	1.3	1	2.7	7.9	2,150
IE3-W42R 355 MX4	400	2,563	1,490	IE3-	96.2	96.2	96.2	0.84	714	8.2	1.7	1.4	2.4	9.5	2,410
IE3-W42R 355 L4	500	3,204	1,490	IE3-	96.4	96.4	96	0.84	891	7.4	2.5	1.2	2.3	10	2,500
IE3-W42R 400 M4	560	3,579	1,494	IE3-	96.5	96.3	96	0.87	963	10	2.1	a. A.	3.1	12.6	3,060
IE3-W42R 400 MX4	630	4,027	1,494	IE3-	96.5	96.5	96.5	0.86	1,096	10	3.1	a. A.	3.3	14.33	3,100
IE3-W42R 400 L4	710	4,541	1,493	IE3-	96.5	96.5	96.5	0.86	1,235	11	2	a. A.	3.6	16.29	3,400

* 2-pole motors in sleeve bearing design may only be operated with a limited axial play coupling, even under no-load condition.

Technical parameters 6-pole, 400 V

Type	P [kW]	M [Nm]	n [min ⁻¹]	IE- [-]	η			cosφ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Ms/Mn [-]	Mk/Mn	J	m
					100%	75%	50%								
IE3-W41R 355 MY6	132	1,266	995	IE3-	95.5	95.5	94.5	0.83	240	9	2	1.6	3	8.2	1,550
IE3-W41R 355 M6	160	1,535	995	IE3-	95.6	95.6	95.2	0.86	281	7.5	1.6	1.3	2.4	8.2	1,850
IE3-W42R 355 MX6	200	1,919	995	IE3-	95.8	95.5	95	0.84	359	9.6	2.2	1.7	2.8	12.1	2,350
IE3-W42R 355 LY6	250	2,399	995	IE3-	95.8	95.5	95	0.82	459	8.8	1.8	1.5	2.5	14	2,450
IE3-W42R 355 L6	315	3,023	995	IE3-	95.8	96	95.7	0.84	565	7.8	2	1.5	2.2	14	2,450
IE3-W42R 355 LX6	355	3,407	995	IE3-	95.8	95.8	95.4	0.81	660	8.4	2.1	1.4	2.7	14	2,450
IE3-W42R 355 LZ6	400	3,843	994	IE3-	95.8	95.8	95.4	0.83	726	7.6	2.1	1.3	2.3	14	2,450
IE3-W42R 400 MY6	355	3,407	995	IE3-	96	96	95.8	0.83	643	7.5	1.2	1.2	2.1	16.54	3,000
IE3-W42R 400 M6	400	3,839	995	IE3-	96.2	96.2	96	0.83	723	8	1.5	1.3	2.5	16.54	3,000
IE3-W42R 400 MX6	450	4,319	995	IE3-	96.5	96.5	96.5	0.83	811	6.9	1.5	a.A.	2.2	18.44	3,200
IE3-W42R 400 L6	500	4,794	996	IE3-	96.3	96.3	96	0.84	892	7.5	1.7	a.A.	2.2	20.63	3,320
IE3-W42R 400 LX6	560	5,369	996	IE3-	96.4	96.4	96.4	0.82	1,023	7.5	1.7	a.A.	2.2	20.63	3,320

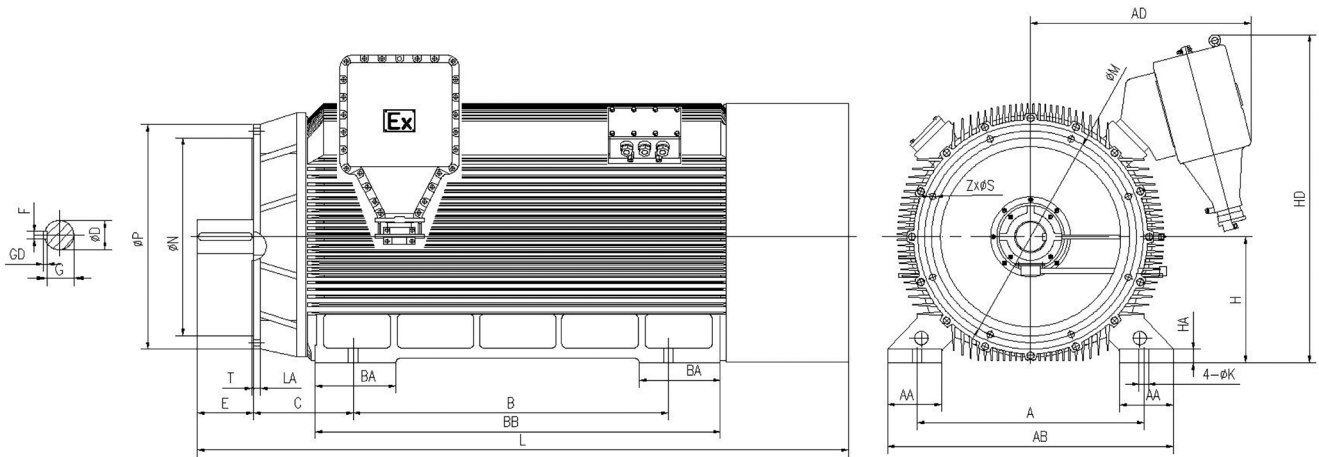
Technical parameters 8-pole, 400 V

Type	P [kW]	M [Nm]	n [min ⁻¹]	IE- [-]	η			cosφ [-]	I [A]	Ia/In [-]	Ma/Mn [-]	Ms/Mn [-]	Mk/Mn	J	m
					100%	75%	50%								
IE3-W41R 355 MY8	160	2,051	745	IE3-	94.3	94.3	94	0.82	299	6.6	1.2	1	2.6	9.3	1,700
IE3-W41R 355 M8	200	2,563	745	IE3-	94.7	94.9	94.2	0.81	376	7	1	1	2.7	9.5	1,890
IE3-W42R 355 MX8	250	3,204	745	IE3-	94.6	94.4	93.5	0.68	561	5.2	1.4	1.3	2	13.4	2,300
IE3-W42R 355 L8	315	4,037	745	IE3-	95	95	95	0.73	656	5.7	2	1.5	2.2	15.8	2,450
IE3-W42R 400 M8	355	4,550	745	IE3-	95	95	95	0.74	729	6.5	1.5	1.3	1.8	17.94	2,800
IE3-W42R 400 MX8	400	5,127	745	IE3-	95.6	95.5	95	0.69	875	5.6	1.3	1	2	19.99	3,170
IE3-W42R 400 L8	450	5,768	745	IE3-	95	95	95	0.74	924	6	1.5	1.3	1.8	22.34	3,320

Explosion-proof versions with 60 Hz are also available with 2 to 8 poles.

Data presented in rating lists are typical values. Guaranteed values can be requested. All engineered motors are optimized for the specified application. At quotation phase accurate motor data will be given on request. Once the order is confirmed, legally binding performance and specification data is given to the end user.

Dimensions IM B3

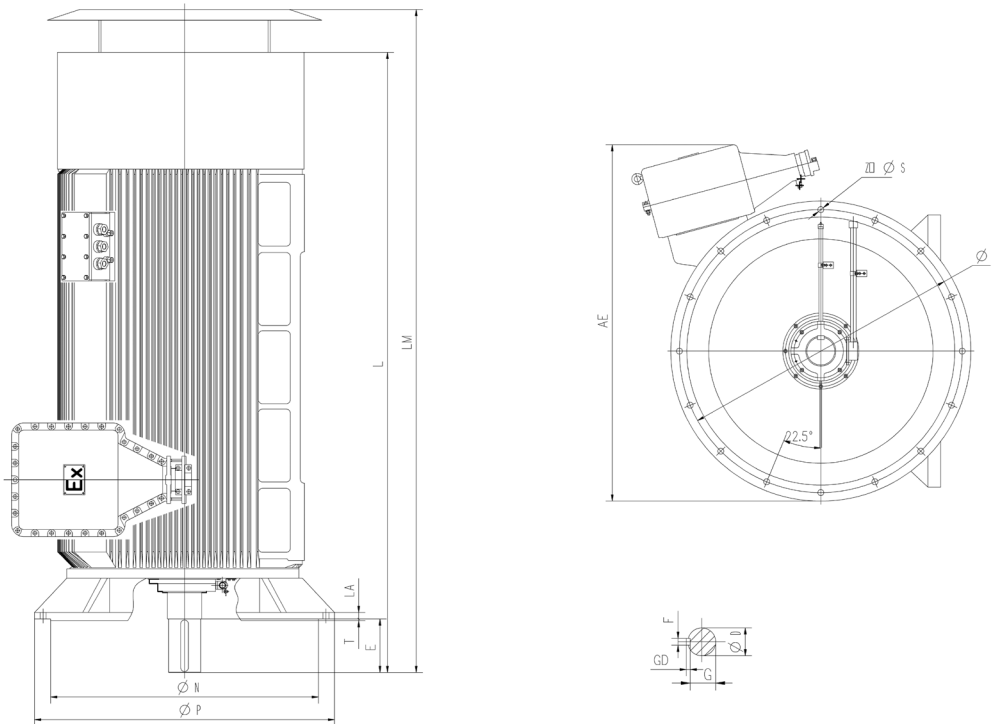


Frame size	Poles	A	B	C	D	E	F	G	H	K	M	N	P	T	S	Z	GD	AA	AB	AD	BA	BB	HA	HD	L	LA
355	2*																									
	4-8	(670)	1,000	254	100	210	28	90	355	28	600	550	660	6	24	8	16	150	840	800	250	1,200	35	1,050	2,100	25
400	2*																									
	4	(750)	1,120	280	110	210	28	100	400	35	640	580	700	6	28	8	16	160	900	835	300	1,340	35	1,150	2,230	28
	6-10		1,120	280	110	210	28	100	400	35	640	580	700	6	28	8	16	160	900	835	300	1,340	35	1,150	2,300	28
450	2*																									
	4	(850)	1,250	280	120	210	32	109	450	42	740	680	800	6	28	8	18	180	1,030	870	320	1,490	42	1,350	2,400	30
	6-12		1,250	280	130	250	32	119	450	42	740	680	800	6	28	8	18	180	1,030	870	320	1,490	42	1,350	2,470	30
500	2*																									
	4	(950)	1,400	315	130	250	32	119	500	42	840	780	900	7	28	8	18	180	1,150	910	300	1,600	50	1,350	2,600	30
	6-12		1,400	425	140	250	36	128	500	42	840	780	900	7	28	8	20	180	1,150	910	300	1,600	50	1,350	2,750	30
560	2*																									
	4	(1060)	1,400	355	150	250	36	138	560	42	940	880	1,000	8	28	8	20	240	1,270	1,000	360	1,800	60	1,490	2,930	30
	6-12		1,400	560	160	300	40	147	560	42	940	880	1,000	8	28	8	22	240	1,270	1,000	360	1,800	60	1,490	3,080	30

Dimensions in mm

* 2-pole motors in sleeve bearing design may only be operated with a limited axial play coupling, even under no-load condition.

Dimensions IM V1



Frame size	Poles	D	E	F	G	GD	M	N	P	S	T	Z	AE	L	LA	LM
355	2*	70	140	20	62.5	12	840	780	900	24	6	8	1,245	2,090	25	2,240
	4-8	100	210	28	90	16	840	780	900	24	6	8	1,245	2,160	25	2,310
400	2*	85	170	22	76	14	940	880	1,000	28	6	8	1,365	2,170	28	2,330
	4-10	110	210	28	100	14	940	880	1,000	28	6	8	1,365	2,250	28	2,410
450	4	120	210	32	109	18	1,080	1,000	1,150	28	6	8	1,475	2,390	30	2,550
	6-12	130	250	32	119	18	1,080	1,000	1,150	28	6	8	1,475	2,430	30	2,590
500	4	130	250	32	119	18	1,180	1,120	1,250	28	7	16	1,575	2,700	30	2,880
	6-12	140	250	36	128	20	1,180	1,120	1,250	28	7	16	1,575	2,800	30	2,980
560	4	150	250	36	138	20	1,320	1,250	1,400	28	8	16	1,665	2,895	30	3,095
	6-12	160	300	40	147	22	1,320	1,250	1,400	28	8	16	1,665	3,000	30	3,200

Dimensions in mm



ELECTRIC DRIVES

FOR EVERY DEMAND

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