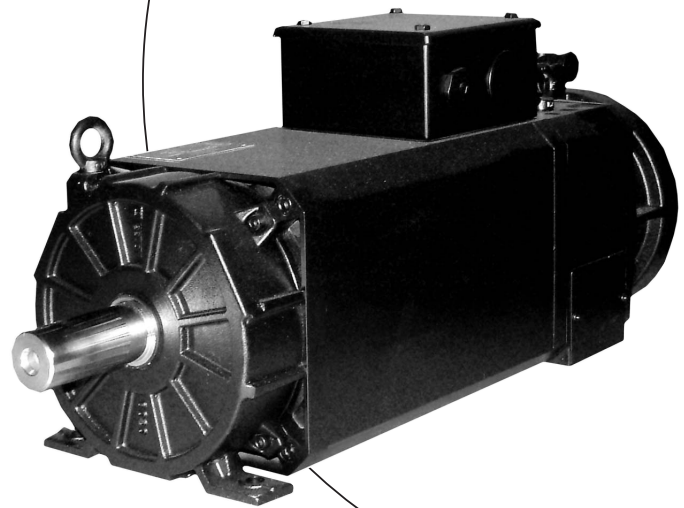



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**AC Asynchronous
Motors**

DA 100 - 280

Three-phase asynchronous motors DA 100-280

Mains voltage 3 AC 480 V for converters with uncontrolled supply

Nom. speed	Motor type	Nom. power		Nom. torque		Nom. current	Nom. voltage	Limit speed with field weakening	Max. operat. speed	Power factor	Magne-tizing current	Effi-ciency	Nom. Fre-quency
		P_N kW	P_N hp	M_N Nm	M_N lbf ft								
n_N min^{-1}						I_N A	U_N V	n_1 min^{-1}	n_{\max} min^{-1}	$\cos \varphi$	I_{μ} A	η_N	f_N Hz
400	DA225K23A04-6	50.0	67.1	1194	881	92.0	440	900	2000	0.87	37.0	0.830	14.1
	DA225M23A04-6	65.0	87.2	1552	1145	120.0	445	900	2000	0.85	51.0	0.850	14.0
	DA225L23A04-6	78.0	104.6	1862	1373	142.0	435	1000	2000	0.86	58.0	0.860	13.9
1000	DA225K23A10-6	115.0	154.2	1098	810	200.0	440	1500	3800	0.85	60.0	0.910	34.2
	DA225M23A10-6	147.0	197.1	1404	1036	270.0	405	2400	3800	0.84	93.0	0.920	34.0
	DA225L23A10-6	176.0	236.0	1681	1240	315.0	420	2200	3800	0.84	108.0	0.930	34.0
1500	DA225K23A15-6	160.0	214.6	1019	752	265.0	450	2000	3800	0.83	88.0	0.930	50.8
	DA225M23A15-6	205.0	274.9	1305	963	360.0	425	3200	3800	0.82	130.0	0.940	50.7
1750	DA225K23A17-6	176.0	236.0	960	708	295.0	440	2800	3800	0.83	100.0	0.940	59.1
	DA225M23A17-6	217.0	291.0	1184	873	355.0	435	2900	3800	0.87	85.0	0.940	59.1
	DA225L23A17-6	265.0	355.4	1446	1067	430.0	450	2200	3800	0.85	134.0	0.940	59.0
2000	DA225K23A20-6	195.0	261.5	931	687	350.0	430	3800	3800	0.80	135.0	0.940	67.4
	DA225M23A20-6	240.0	321.8	1146	845	415.0	440	3500	3800	0.81	162.0	0.950	67.3
2500	DA225K23A25-6	220.0	295.0	840	620	410.0	420	3800	3800	0.79	168.0	0.950	84.0
	DA225M23A25-6	260.0	348.7	993	732	405.0	455	3000	3800	0.87	91.0	0.950	84.1
3000	DA225K23A30-6	240.0	321.8	764	563	385.0	455	3700	3800	0.84	119.0	0.950	100.7

Motor type	Maximum standstill torque $M_{0 \max}$ [Nm]	$M_{0 \max}$ [lbf ft]	Inertia J [kgm^2]	J [lb ft ²]	Weight m [kg]	m [lb]
DA225K23A/R	1910	1409	1.313	31.157	610	1345
DA225M23A/R	2483	1831	1.710	40.578	710	1565
DA225L23A/R	2979	2197	2.063	48.955	800	1764

