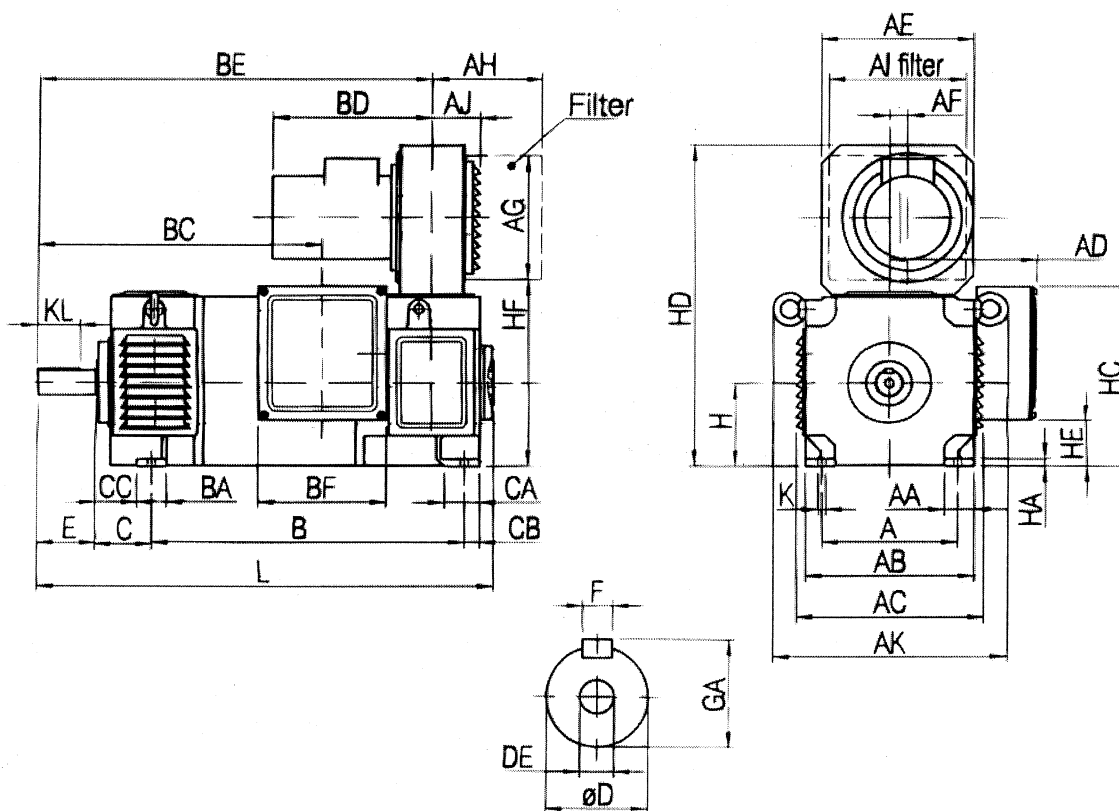


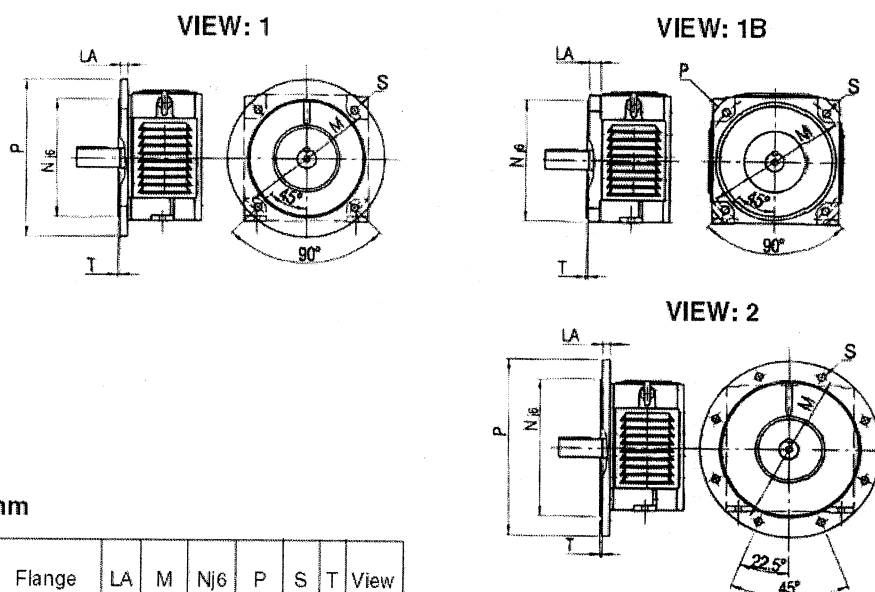


Dimensions in mm

DMP	A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	B	BA	BC	BD	BE	BF
160-4S/30	254	56	316	351	274	285	33.5	235	208	235	89	439	475	56	426	298	631	240
160-4M/MO						285	33.5	235	208	235	89		522		473	298	678	
160-4L/LO						285	33.5	235	208	235	89		587		538	298	743	
160-4LB						315	21.5	300	208	300	80		712		663.5	299	868	
180-4A	279	66	356	391	294	355	25.5	340	285	340	95	479	561	66	499	305	718	240
180-4B		66			294	355	25.5		285		95		612	66	535	305	754	
180-4C		66			294	355	25.5		285		95		677	66	616	305	835	
180-4D		66			294	355	25.5		285		95		707	66	681	305	900	
180-4E		61			294	405	28.5		270		105		720	66	741	349	960	
180-4F		61			392	405	28.5		270		105		795	85	821	349	1071	

DMP	C	CA	CB	CC	D	DE	E	F	GA	H	HA	HC	HD	HE	HF	K	KL	L	L-REC44R1	L-TDP0.2LT	W (kg)
160-4S/30	108	65	28	80	48	M16	110	14	51.5	160	14	343.5	611	88.5	356	15	80	744	955	961	206/216
160-4M/MO													611		356			791	1002	1008	246/256
160-4L/LO													611		356			856	1067	1073	291/301
160-4LB													641		338			931	1192	1198	398
180-4A	121	195	50	91	55	M16	110	16	59	180	18	364	745	109	402	15	80	848.5	1059.5	1065.5	308
180-4B		195	35		55	M16	110	16	59		18	364	745	109	402	15	80	894.5	1095.5	1101.5	348
180-4C		195	21		60	M16	140	18	64		18	364	745	109	402	15	110	965.5	1176.5	1182.5	398
180-4D		195	43		70	M20	140	20	74.5		18	364	745	109	402	15	110	1030.5	1241.5	1247.5	458
180-4E		195	28		70	M20	140	20	74.5		18	364	815	109	448	15	110	1190.5	1301.5	1307.5	540
180-4F		95	40		70	M20	140	20	74.5		18	372.5	815	117.5	444	19	110	1248	1459	1465	650

Dimensions are not binding



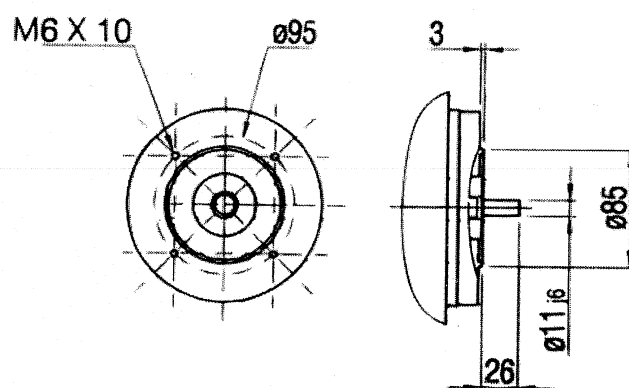
Dimensions in mm

DMP	Flange	LA	M	N/6	P	S	T	View
112	F215	14	215	180	250	15	4	1B
	F265	14	265	230	300	15	4	1B
132	F265	17	265	230	300	15	4	1B
	F300	17	300	250	350	19	5	1B
160	F350	20	350	300	400	19	5	1B
180-4A/B/C/D/E	F300	41	300	250	350	19	5	1
	F350	17	350	300	400	19	5	1B
	F400	17	400	350	450	19	5	2B
	F500	20	500	450	550	19	5	2
180-4F	F300	41	300	250	350	19	5	1
	F500	20	500	450	550	19	5	2

Other dimensions on request

Dimension drawing, DMP

tachometer flange



Dimensions are not binding

Technical data

	n_{max} 4500 min ⁻¹	n_0 40 min ⁻¹	J 0.47 kgm ²	P_f 1670 W	U_{amax} 550 V	U_f 110-440 V	V_{cool} 1300 m ³ /h	P_r 1250 Pa	$W_{(cool)}$ 330 kg	$W_{(range)}$ 360 kg			
Cat. Nr	U_s (V):400	420	440	470	520	550	P	I	T	η	n_2	R_A (115°C)	L_A (0Hz)
FR 159...	n_b (min ⁻¹)						(kW)	(A)	(Nm)	(%)	min ⁻¹	(Ω)	(mH)
201-RC	540	570	600	660	740	790	27	85	472	75.6	1800	0.81	18.7
							28	85	472	76.6			
							30	85	472	77.5			
							32	85	472	78.8			
							36	84	464	80.7			
							38	83	459	81.7			
201-PC	625	660	700	755	855	910	31	97	479	78.4	1200	0.69	14.8
							33	97	479	79.3			
							35	97	479	80.1			
							38	97	479	81.2			
							42	95	471	82.9			
							44	94	466	83.8			
201-NC	735	775	820	885	995	1060	37	111	480	81.0	2360	0.52	11.3
							39	111	480	81.8			
							41	111	480	82.5			
							44	111	480	83.4			
							49	109	472	84.9			
							52	108	467	85.6			
201-LC	875	925	975	1050	1175	1255	43	126	467	82.8	3230	0.41	8.3
							45	126	467	83.5			
							48	126	467	84.1			
							51	126	467	85.0			
							57	124	459	86.3			
							60	123	454	86.9			
201-HC	1075	1135	1195	1285	1440	1530	53	152	469	85.1	3390	0.28	5.8
							56	152	469	85.7			
							59	152	469	86.3			
							63	152	469	87.0			
							69	149	461	88.1			
							73	148	456	88.6			
201-GB	1175	1245	1310	1410	1575	1675	58	166	471	86.1	1700	0.24	4.9
							61	166	471	86.7			
							65	166	471	87.1			
							70	166	471	87.8			
							76	163	463	88.8			
							80	162	458	89.3			
201-FC*	1375	1450	1530	1640	1830	1945	68	192	474	87.7	4200	0.17	3.7
							72	192	474	88.2			
							76	192	474	88.6			
							82	192	474	89.2			
							89	189	456	90.0			
							94	187	461	90.5			
201-EB	1550	1630	1710	1840	2050	2180	74	207	453	87.8	2500	0.15	3
							78	207	457	88.4			
							82	207	457	88.8			
							88	207	457	89.4			
							96	204	449	90.1			
							101	202	444	90.5			
201-DC	1870	1970	2070	2220	2475	2630	89	245	453	89.5	4500	0.11	2.1
							94	245	453	89.9			
							98	245	453	90.2			
							105	245	453	90.7			
							115	241	445	91.4			
							121	238	441	91.7			
201-CB ¹	2230	2350	2470	2660	2960	3150	110	299	471	91.0	2300	0.07	1.5
							113	293	462	91.4	2350		
							113	278	438	91.8	2470		
							113	259	407	92.2	2660		
							113	232	364	92.7	2960		
							113	219	342	92.9	3150		
201-BB ¹	2810	2960	3110	3340	3720	3950	136	368	464	92.0	2930	0.05	1
							142	365	460	92.2	2960		
							142	346	436	92.6	3110		
							142	322	405	92.9	3340		
							141	289	363	93.2	3720		
							141	273	341	93.4	3950		
201-AB ¹	3800						168	450	424	93.0	4000	0.03	0.5

1 Cooling air inlet at commutator side. Can be used with cooling air inlet at shaft side with 15% reduction of power.

* Normally kept in stock with reinforced impregnation.

Data subject to change without prior notice.

Ordering

Fan blower

The fan blower can be mounted on top or on either side, at the drive end or at the non-drive end. The location does not affect the output of the motor (except when specified in the tables). The fan can be delivered with a

slotted cover, a filter or a flange for an air-duct.

On request a pressure switch can be installed on the fan blower and the terminal box can be arranged in 42 different mounting combinations.

Pos 25-42:

Additional price for blower and terminal box mounted on same side.

