



**Range of products:**

**D.C. motors with self-surface cooling  
 CE Ex II 2G EEx d (e) II C T3 ... T6 ATEX**

**Protection class:** IP 44 – IP 55  
**Cooling mode „Z“:** IC 0041 –self-surface cooling  
**EEx - Norm:** DIN EN 50014 - 50018 - 50019  
**Terminal box:** EEx d or EEx e

<b>Rated capacity in kW at T4</b>													
Type d-GNZ d-GNRegZ d-GRZ	750 [min <sup>-1</sup> ]	eta [%]	1000 [min <sup>-1</sup> ]	eta [%]	1500 [min <sup>-1</sup> ]	eta [%]	2000 [min <sup>-1</sup> ]	eta [%]	2500 [min <sup>-1</sup> ]	eta [%]	3000 [min <sup>-1</sup> ]	eta [%]	Weight [kg]
160	0.15	58	0.25	60	0.35	69	0.45	70	0.6	72	0.7	76	45
1011	0.3	63	0.4	67	0.55	73	0.75	73	0.9	75	1.0	77	53
1014	0.4	63	0.5	67	0.8	73	1.0	76	1.1	76	1.3	78	62
1018	0.5	64	0.7	68	0.9	74	1.1	77	1.3	77	1.5	78	70
1310	0.6	68	0.8	71	1.1	77	1.5	79	1.7	80	1.9	80	82
1315	0.75	70	1.1	73	1.5	78	1.9	80	2.2	81	2.5	82	100
1318	1.0	70	1.4	74	1.8	78	2.4	80	2.7	81	3.1	82	120
1712	1.4	74	1.7	77	2.7	81	3.5	83	4.0	84	4.7	84	190
1718	2.0	75	2.8	78	4.2	82	5.0	84	6.1	85	6.4	85	220
1724	2.5	77	3.5	80	5.5	84	6.5	85	7.5	86	8.5	86	250
1730	3.0	77	4.5	80	7.0	84	8.2	85	9.2	86	10.5	87	280
2220	4.7	80	5.8	83	8.5	86	9.2	86	--	--	--	--	350
2225	5.5	80	7.0	83	9.5	86	10.0	86	--	--	--	--	390
2230	6.6	81	8.0	84	10.0	86	11.0	87	--	--	--	--	430

The indicated capacities apply for the operation mode S 1 at an average cooling temperature up to 40 °C and a mounting height of up to 1000 m A.S.L.  
 The motors are constructed in accordance with the thermal class H and are utilized according to F and DIN EN 60034.

Customary IEC-designs are available in accordance with DIN EN 60034 in standardized mounting measures acc. to DIN 42 673 and 42677 whereby attachments like angular speed transducer, spring-loaded brakes and gears may be of most different kind of construction.

**Other rated speeds and capacities are possible on request.  
 Please send us your inquiry.**