

WORKS REPORT - EN 10204 - 2.2

Danfoss Bauer GmbH

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B 010.1800-07E - Stand 05/04

for the materials in IP54 and IP65 Geared Motors

Types **D..04, D..05, D..06, D..07 and E..04, E..05, E..06 and EC.04, EC.05, EC.06**

Motorhousing	of cast aluminium alloy	GD-AISI8Cu3	DIN 1725-1
Bearing shields	of cast aluminium alloy		
	AlCuMgPb	(D/E..04/..05-Normmotor design)	DIN 1725-1
	GD-AISI8Cu3	(D/E..04/..05-geared motors)	DIN 1725-1
	GD-AISI12 (Silumin)	(D/E..06-geared motors)	DIN 1725-1
Gear housing	of cast aluminium alloy		
	GD-AISI8Cu3	(gear sizes 02 to 06)	DIN 1725-1
	GD-AISI12 (Silumin)	(gear sizes from 10)	DIN 1725-1
	or cast iron GG 20	(gear sizes from 10)	DIN 1691
Fan cowl	of sheet steel	St 12.03	DIN 1623
Terminal box	of cast aluminium alloy	GD-AISI12 (Silumin))	DIN 1725-1
	or plastics	ABS	ISO 1043-1
Flanges, torque arms	of cast aluminium alloy	GD-AISI8Cu3	DIN 1725-1
	or cast iron	GG 20	DIN 1691
Rotor shaft and output shaft of round steel		St 60-250	DIN 17100
Screws	in strength class	8.8	DIN 267
Gears	of case hardened steel	16 MnCr 5	EN 10084
Stator and rotor lamination	of electrical sheet steel		DIN 46400
Stator winding	of enamelled copper wire		DIN 46435
Insulation	insulation class	B or F	EN 60034-1

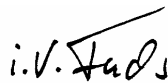
The materials are examined within the current production regarding to their chemical, mechanical and electrical quality so that the minimum values required by the named standards are met.

Danfoss Bauer GmbH

EE-ef/häu



i.V. Dipl.-Ing. Eiffer
(Leiter EE)



i.V. Fuchs
(Leiter QW)