



Type Approval Certificate

Germanischer Lloyd

This is to certify that the undemoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **94 610 - 94 HH**

Company **Pintsch Bamag
Antriebs- & Verkehrstechnik GmbH
Hünxer Str. 149
D-46537 Dinslaken**

Product Description **Electromagnetic brakes**

Type **SFB 40 up to SFB 160**

Environmental Category **H**

Technical Data / Range of Application	Type	Nom. torque		Excitation		max. speed 1/min
		dyn. Nm	stat. Nm	V DC	W	
	SFB 40	400	440	110	200	4700
	SFB 63	630	690	110	276	4000
	SFB 100	1000	1100	110	311	3600
	SFB 160	1600	1750	110	398	3200

Degree of protection: **IP 67**
Insulation class: **B**

Test Standard **Regulations for the Performance of Type Tests, part 1, 1993
VDE 0580 / Works standards**

Documents **Drawings: 00590 100-951 / 17.2.1975, 00586 600-951 / 27.2.1975
00585 900-951 / 25.2.1975, 00588 300-951 / 26.2.1975
Documents: 00586 500-956, Blatt 1bis 8 / 75, 00560 300-960
04 988 000-956 / 1.2.1974**

Remarks **None**

Valid until **2010-07-12**

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Type Approval Symbol



File No. **I.G.08**

Hamburg, 2005-07-13

Germanischer Lloyd

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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".