

## Technical Specifications - AlNiCo magnet, sintered

Material	Remanence		Coerzitivity				Energy Product	
	Br		bHc		iHc		(BH)max	
	mT	G	kA/m	Oe	kA/m	Oe	kJ/m <sup>3</sup>	MGOe
FLN 8	>520	>5200	>40	>500	>43	>540	>12	>1,5
FLNG 12	> 700	>7000	>40	>500	>43	>540	>13	>1,6
FLNG 14	>500	>5000	>60	>750	>52	>770	>14	>1,8
FLNG 18	>650	>6500	>80	>1000	>82	>1030	>18	>2,3
FLNG 26	>900	>9000	>44	> 700	>58	>730	>26	>3,3
FLNG 28	>1050	>10500	>46	>580	>47	>590	>28	>3,5
FLNG 34	>1120	>11200	>47	>591	>48	>603	>34	>4,27
FLNGT 28	>780	>7800	>100	>1250	>52	>660	>28	>3,5
FLNGT 31	>780	>7800	>100	>1250	>102	>1280	>28	>3,5
FLNGT 36	>680	>6800	>136	>1700	>138	>1738	>36	>4,6
FLNGT 38	>800	>8000	>120	>1500	>121	>1525	>38	>4,75

- Other material qualities on request -

### Physical properties:

Reversible Permeability:	$\mu_r$	2,5 ... 5,0 G/Oe
Reversible TC of Br:	$\Delta B_d/B_d$	-0,02 %/°C
Density:		7,0 g/cm <sup>3</sup>
Max. Operating Temperature:		550° C
Curie - Temperature:		720 ... 800° C

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