Sintered Neodymium Iron Boron Magnet Catalog

Sintered Neodymium iron boron (NdFeB), or Rare earth magnets offer the highest energy product of any material today, the magnetic properties are varied by the shapes, sizes, grades and the orientation of magnetism. They are applicable in a wide range of domains and there are customized depending different applications.

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet Grades Summary Product List

Anisotropic Sintered $Nd_2Fe_{14}B$ Magnets①	Max. energy product $(BH)_{max.}$		Remanence B_r.		Coercivity H_{cb}		Coercivity H_{cj}		Max. operating temp.②	Curie temp. T_C
Grade	[kJ/m³]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N40	302~334	38~42	1.26~1.30	12.6~13.0	≥860	≥10.8	≥955	≥12	80	310
N42	318~350	40~44	1.28~1.32	12.8~13.2	≥875	≥11.0	≥955	≥12	80	310
N45	334~366	42~46	1.32~1.38	13.2~13.8	≥836	≥10.5	≥955	≥12	80	310
N48	358~390	45~49	1.37~1.42	13.7~14.2	≥836	≥10.5	≥955	≥12	80	310
N50	374~406	47~51	1.41~1.44	14.1~14.4	≥836	≥10.5	≥955	≥12	80	310
N52	390~422	49~53	1.43~1.46	14.3~14.6	≥836	≥10.5	≥955	≥12	80	310
N55	414~438	52~55	1.45~1.50	14.5~15.0	≥836	≥10.5	≥875	≥11	80	310
N40M	302~334	38~42	1.26~1.30	12.6~13.0	≥875	≥11.0	≥1114	≥14	100	320
N42M	318~350	40~44	1.28~1.32	12.8~13.2	≥875	≥11.0	≥1114	≥14	100	320
N45M	334~366	42~46	1.32~1.38	13.2~13.8	≥910	≥11.4	≥1114	≥14	100	320
N48M	358~390	45~49	1.37~1.42	13.7~14.2	≥1019	≥12.8	≥1114	≥14	100	320
N50M	374~406	47~51	1.40~1.44	14.0~14.4	≥1043	≥13.1	≥1114	≥14	100	320
N52M	390~422	49~53	1.42~1.46	14.2~14.6	≥1043	≥13.1	≥1114	≥14	100	320
N45H	326~358	41~45	1.32~1.36	13.2~13.6	≥950	≥12.0	≥1356	≥17	120	340
N48H	358~390	45~49	1.36~1.42	13.6~14.2	≥1019	≥13.7	≥1356	≥17	120	340
N50H	382~414	48~52	1.41~1.44	14.1~14.4	≥1019	≥13.7	≥1270	≥16	120	340
N52H	398~430	50~54	1.42~1.46	14.2~14.6	≥1019	≥13.7	≥1270	≥16	120	340
N35SH	263~287	33~36	1.18~1.22	11.8~12.2	≥860	≥10.8	≥1595	≥20	150	350
N38SH	287~318	36~40	1.22~1.26	12.2~12.6	≥875	≥11	≥1595	≥20	150	350
N40SH	302~334	38~42	1.26~1.30	12.6~13.0	≥875	≥11.0	≥1595	≥20	150	350
N42SH	318~350	40~44	1.28~1.32	12.8~13.2	≥915	≥11.5	≥1595	≥20	150	350

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

N45SH	334~366	42~46	1.32~1.36	13.2~13.6	≥915	≥11.5	≥1595	≥20	150	350
N48SH	358~390	45~49	1.37~1.40	13.7~14.0	≥915	≥11.5	≥1515	≥19	150	350
N50SH	382~414	48~52	1.41~1.44	14.1~14.4	≥915	≥11.5	≥1515	≥19	150	350
N28UH	207~239	26~30	1.04~1.10	10.4~11.0	≥740	≥9.30	≥1990	≥25	180	350
N30UH	223~255	28~32	1.10~1.14	11.0~11.4	≥780	≥9.80	≥1990	≥25	180	350
N33UH	247~279	31~35	1.14~1.18	11.4~11.8	≥820	≥10.3	≥1990	≥25	180	350
N35UH	263~287	33~36	1.18~1.22	11.8~12.2	≥860	≥10.8	≥1990	≥25	180	350
N38UH	287~318	36~40	1.22~1.26	12.2~12.6	≥875	≥11.0	≥1990	≥25	180	350
N40UH	302~334	38~42	1.26~1.30	12.6~13.0	≥875	≥11.0	≥1990	≥25	180	350
N42UH	318~350	40~44	1.28~1.32	12.8~13.2	≥875	≥11.0	≥1990	≥25	180	350
N45UH	334~366	42~46	1.32~1.36	13.2~13.6	≥875	≥11.0	≥1910	≥24	180	350
N28EH	207~239	26~30	1.04~1.10	10.4~11.0	≥820	≥10.3	≥2387	≥30	200	350
N30EH	223~255	28~32	1.08~1.14	10.8~11.4	≥844	≥10.6	≥2387	≥30	200	350
N33EH	247~279	31~35	1.12~1.18	11.2~11.8	≥860	≥10.8	≥2387	≥30	200	350
N35EH	263~287	33~36	1.17~1.20	11.7~12.0	≥860	≥10.8	≥2387	≥30	200	350
N38EH	287~318	36~40	1.22~1.26	12.2~12.6	≥875	≥11.0	≥2387	≥30	200	350
N30AH	223~255	28~32	1.08~1.14	10.8~11.4	≥804	≥10.1	≥2786	≥35	220	350
N35AH	255~287	32~36	1.16~1.22	11.6~12.2	≥852	≥10.7	≥2786	≥35	220	350

① Further qualities or grade on low thermal coefficient magnets, please contact us for more details.

② The maximum operating temperature depends on the magnet's dimensions and its final applications. We recommend keeping a margin of safety in materials selection.

③ Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

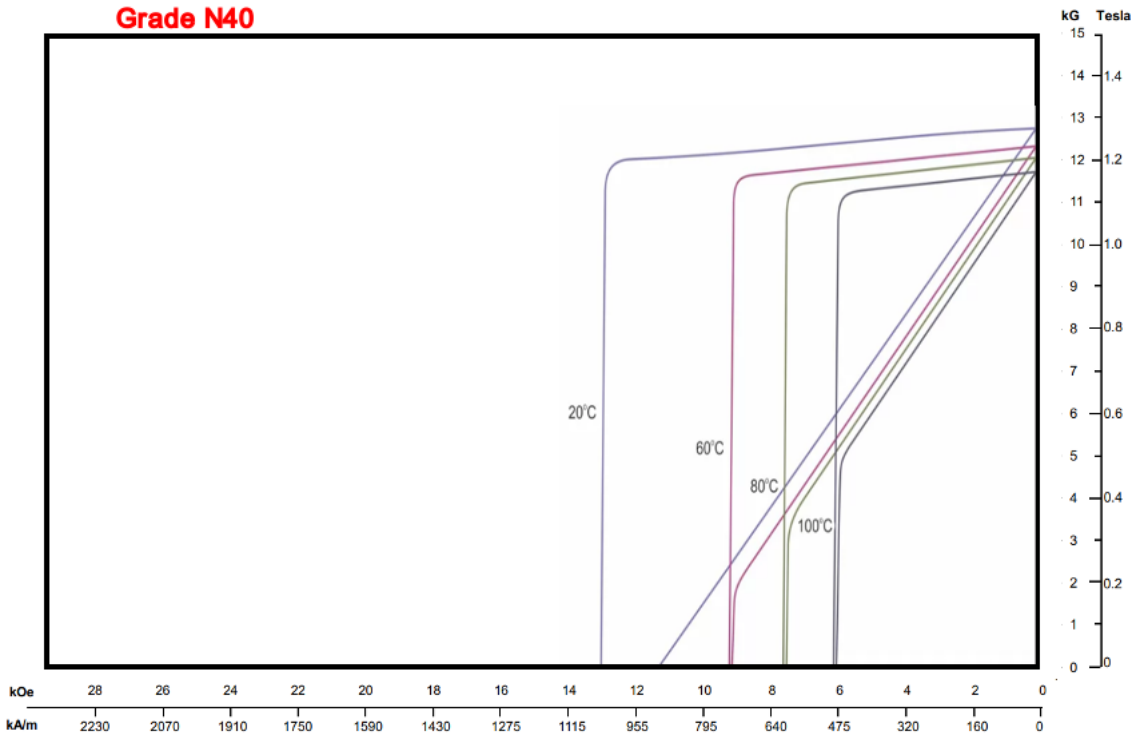
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N40

The Grade N offers a combination of high magnetic output at moderate cost. The working temperature applied is above 80°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N40	302~334	38~42	1.26~1.30	12.6~13.0	≥860	≥10.8	≥955	≥12	80	310



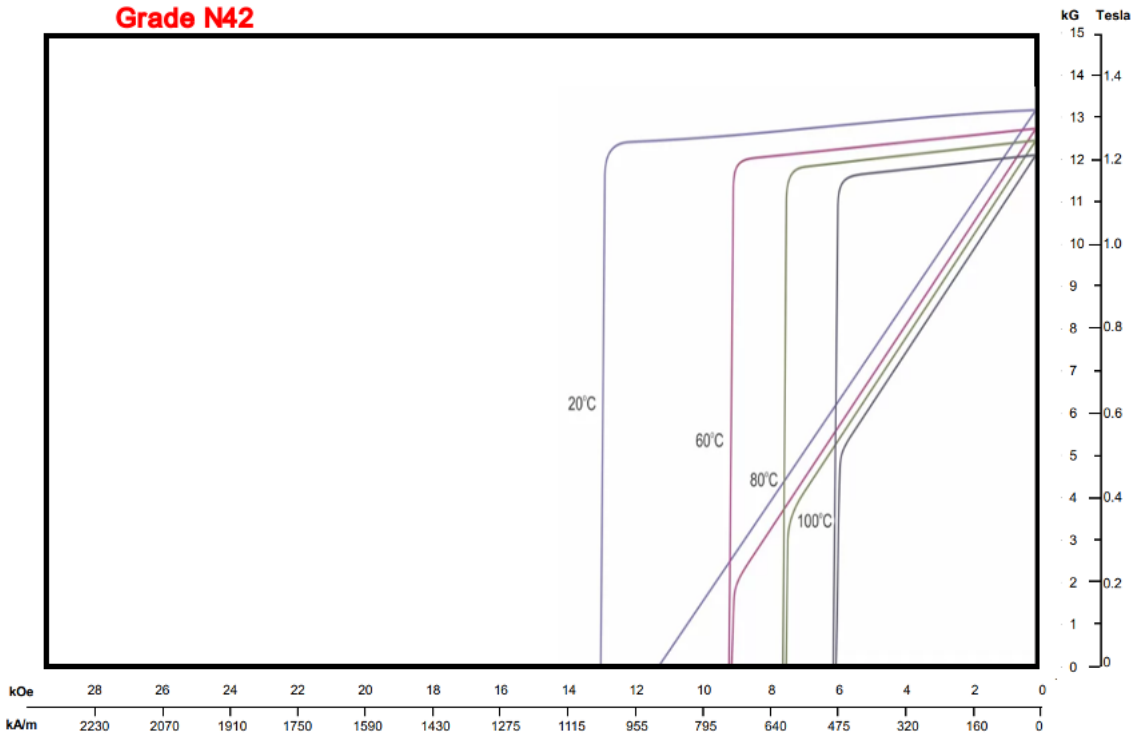
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N42

The Grade N offers a combination of high magnetic output at moderate cost. The working temperature applied is above 80°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N42	318~350	40~44	1.28~1.32	12.8~13.2	≥875	≥11.0	≥955	≥12	80	310



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

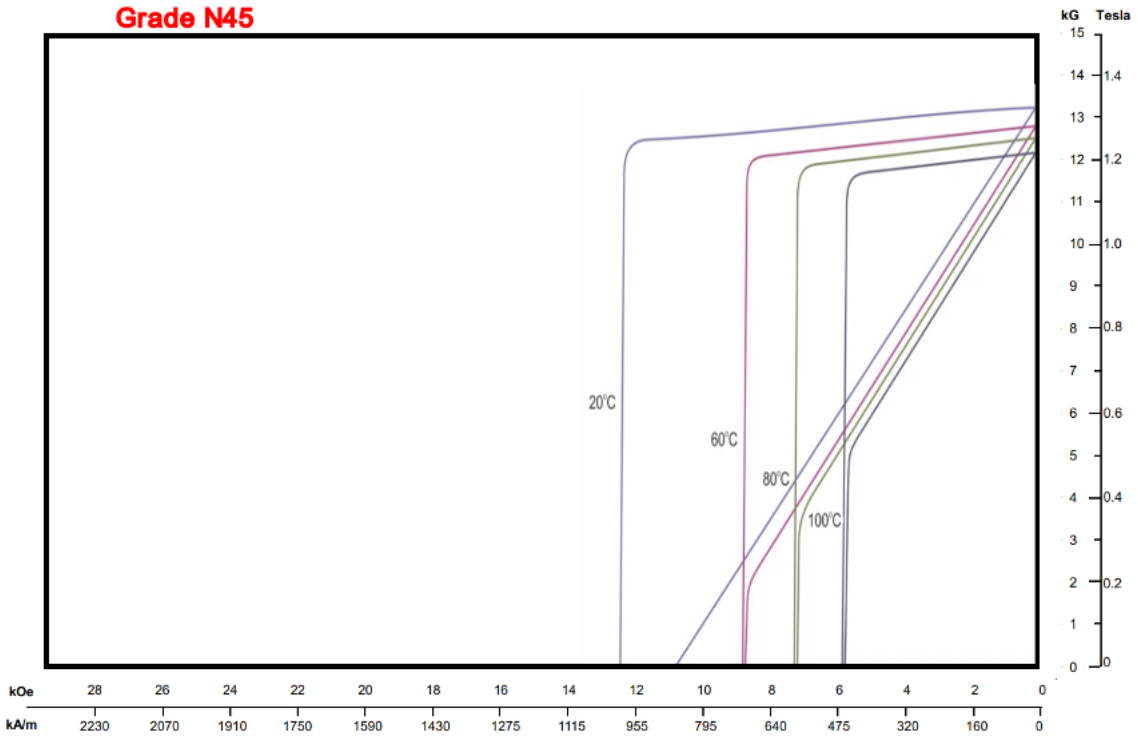
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N45

The Grade N offers a combination of high magnetic output at moderate cost. The working temperature applied is above 80°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N45	334~366	42~46	1.32~1.38	13.2~13.8	≥836	≥10.5	≥955	≥12	80	310



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

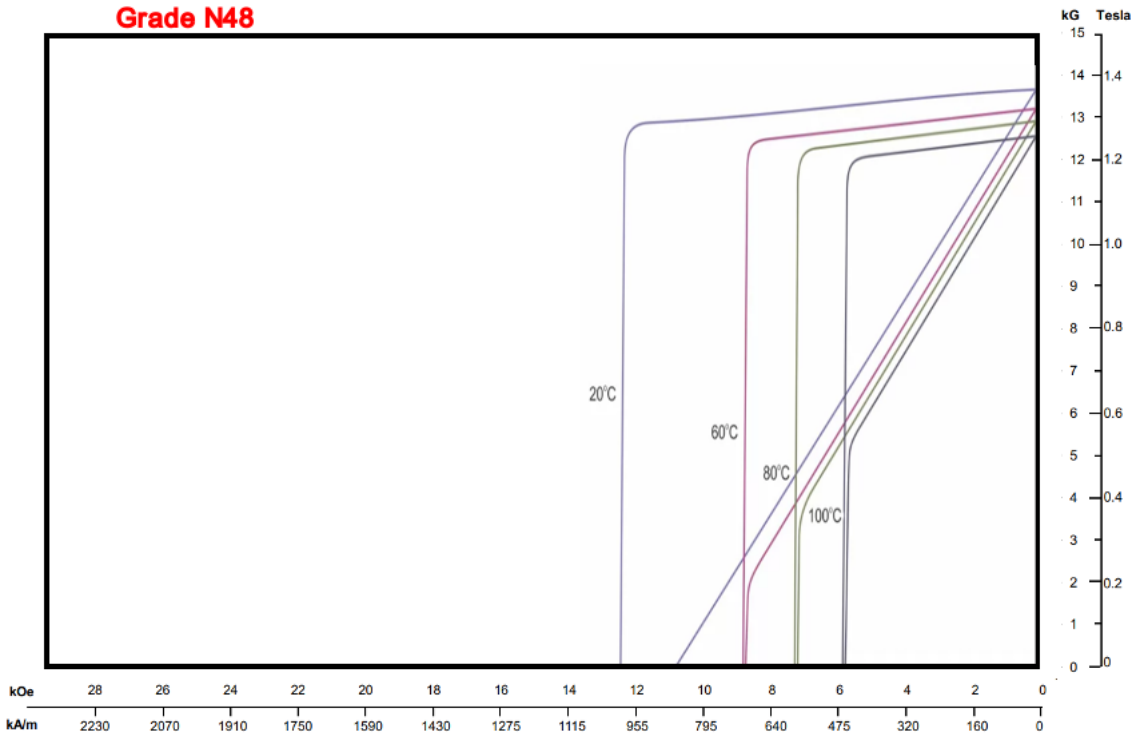
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N48

The Grade N offers a combination of high magnetic output at moderate cost. The working temperature applied is above 80°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N48	358~390	45~49	1.37~1.42	13.7~14.2	≥836	≥10.5	≥955	≥12	80	310



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

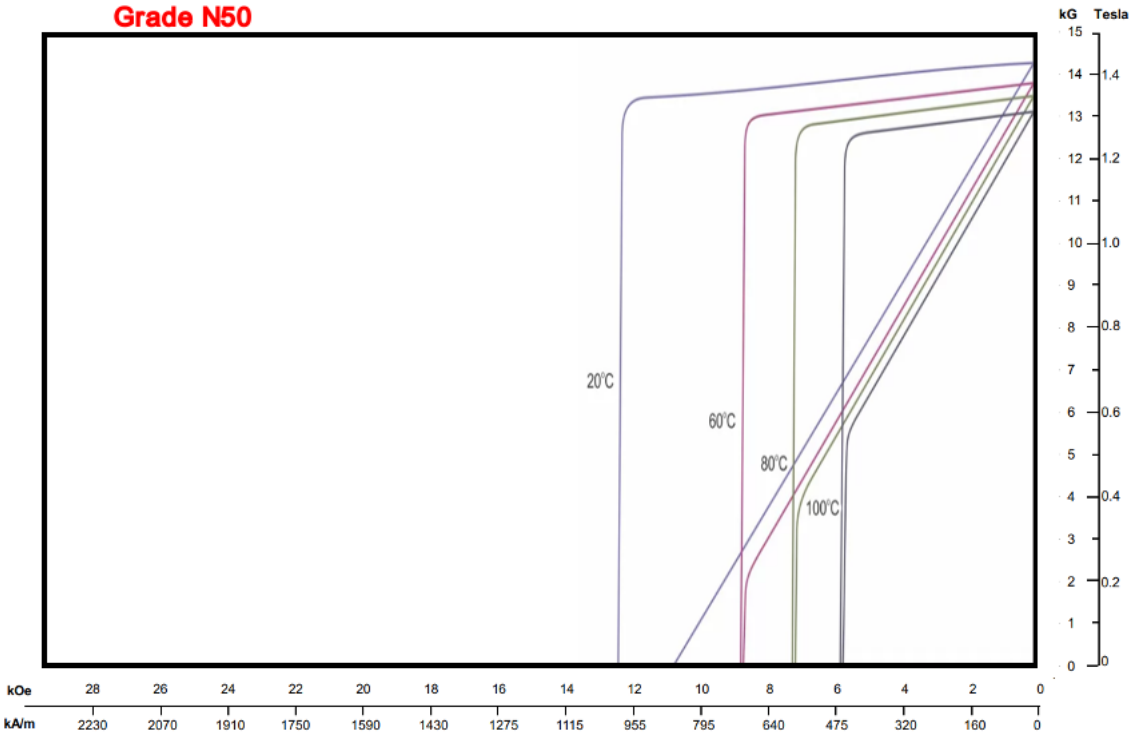
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N50

The Grade N offers a combination of high magnetic output at moderate cost. The working temperature applied is above 80°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N50	374~406	47~51	1.41~1.44	14.1~14.4	≥836	≥10.5	≥955	≥12	80	310



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

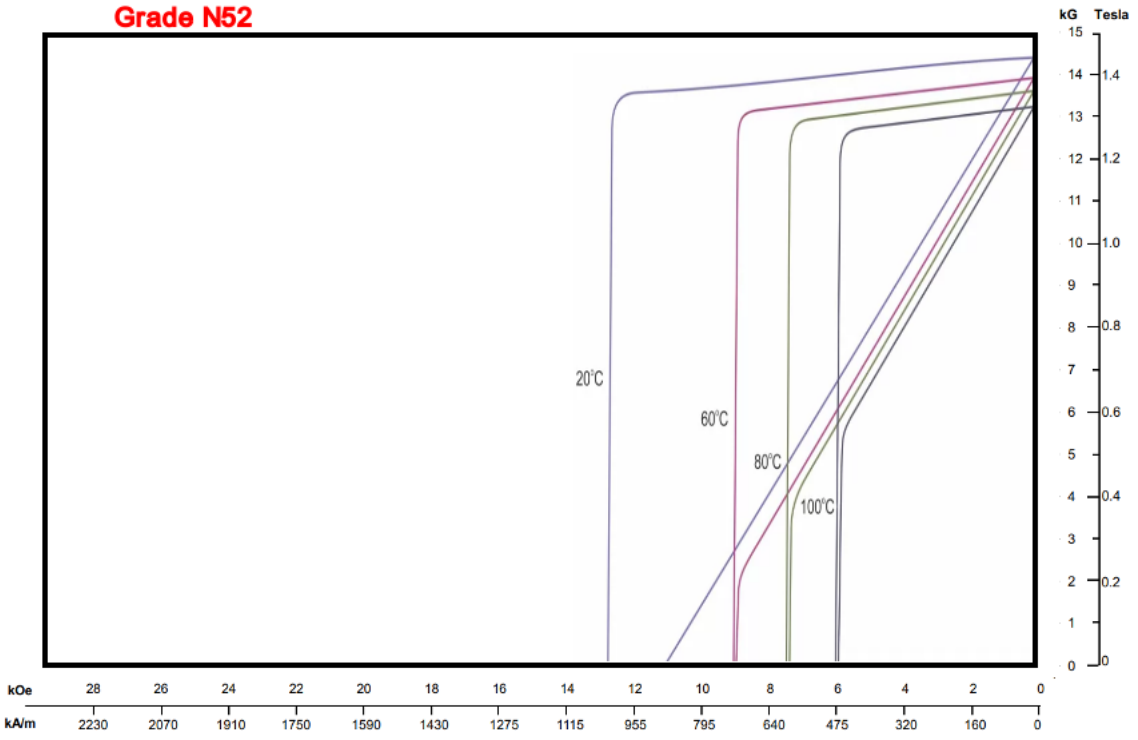
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N52

The Grade N offers a combination of high magnetic output at moderate cost. The working temperature applied is above 80°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N52	390~422	49~53	1.43~1.46	14.3~14.6	≥836	≥10.5	≥955	≥12	80	310



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

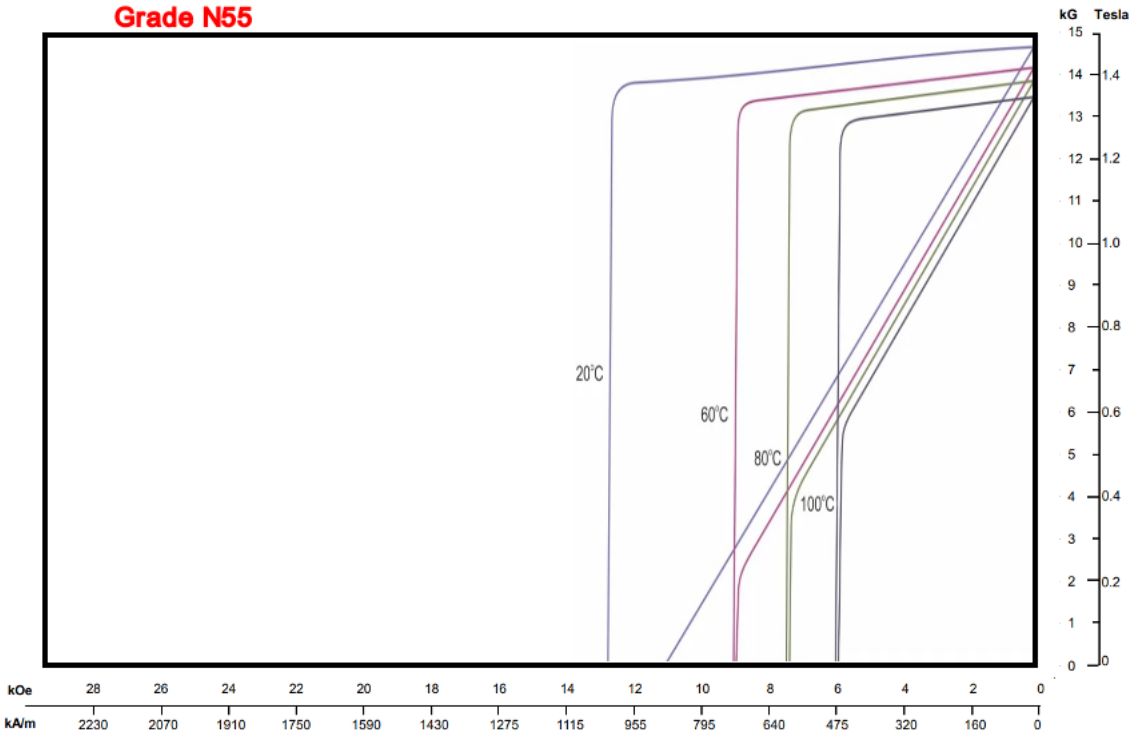
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N55

The Grade N offers a combination of high magnetic output at moderate cost. The working temperature applied is above 80°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N55	414~438	52~55	1.45~1.50	14.5~15.0	≥836	≥10.5	≥875	≥11	80	310



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

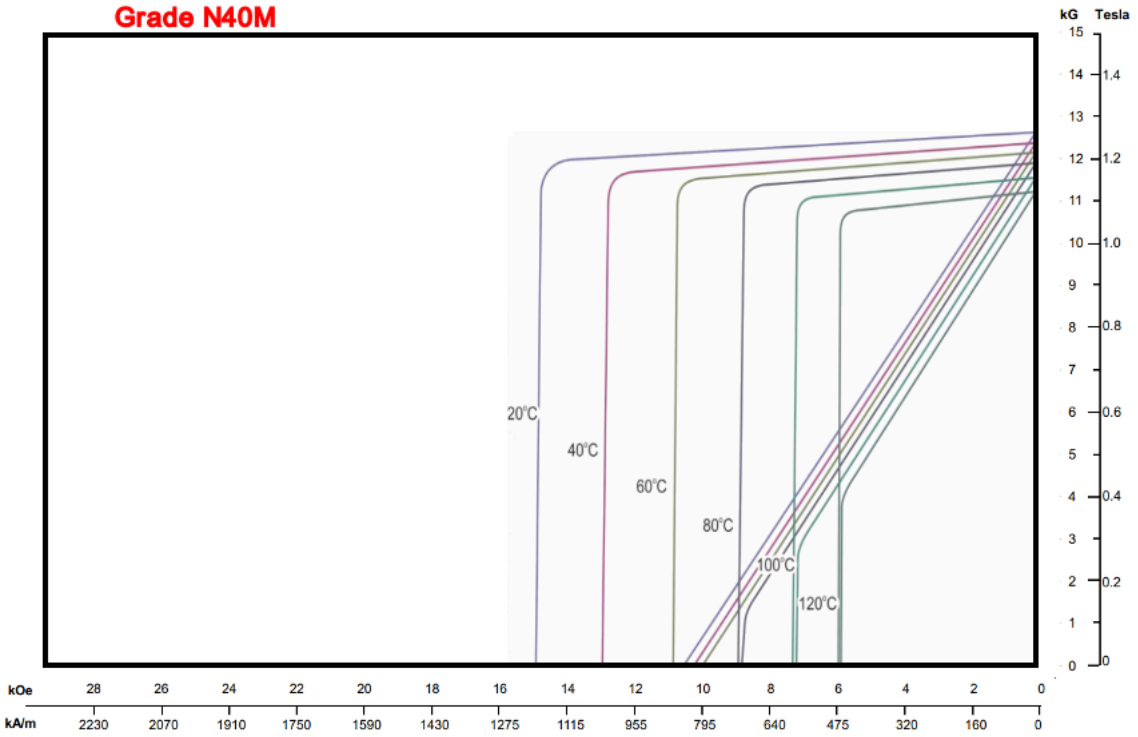
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N40M

The Grade M offers a combination of high magnetic output at moderate cost. The working temperature applied is above 100°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N40M	302~334	38~42	1.26~1.30	12.6~13.0	≥875	≥11.0	≥1114	≥14	100	320



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

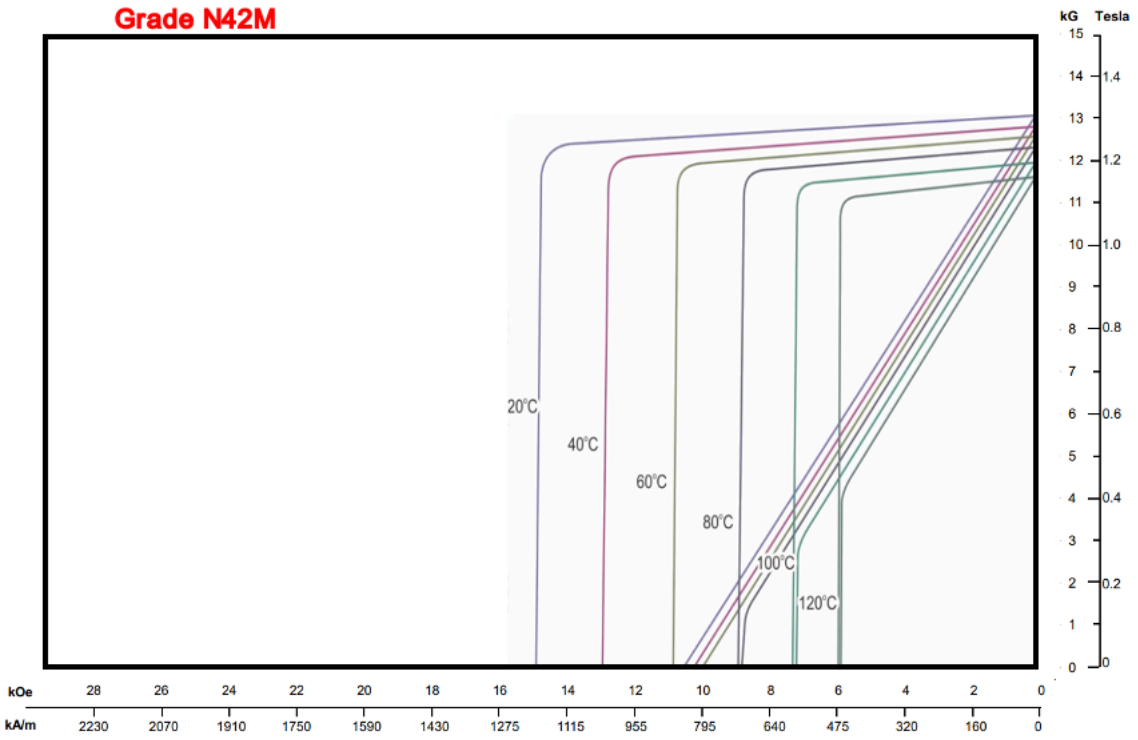
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N42M

The Grade M offers a combination of high magnetic output at moderate cost. The working temperature applied is above 100°C.

Please contact YX MAGNETIS SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N42M	318~350	40~44	1.28~1.32	12.8~13.2	≥875	≥11.0	≥1114	≥14	100	320



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

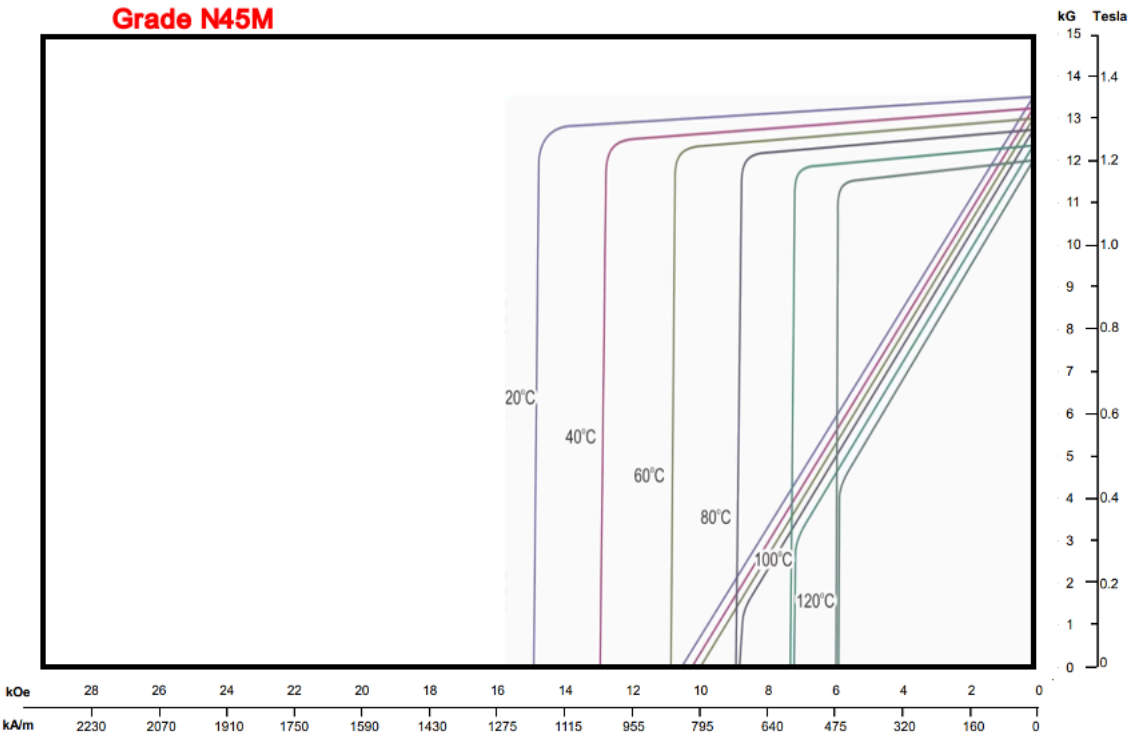
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N45M

The Grade M offers a combination of high magnetic output at moderate cost. The working temperature applied is above 100°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N45M	334~366	42~46	1.32~1.38	13.2~13.8	≥910	≥11.4	≥1114	≥14	100	320



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

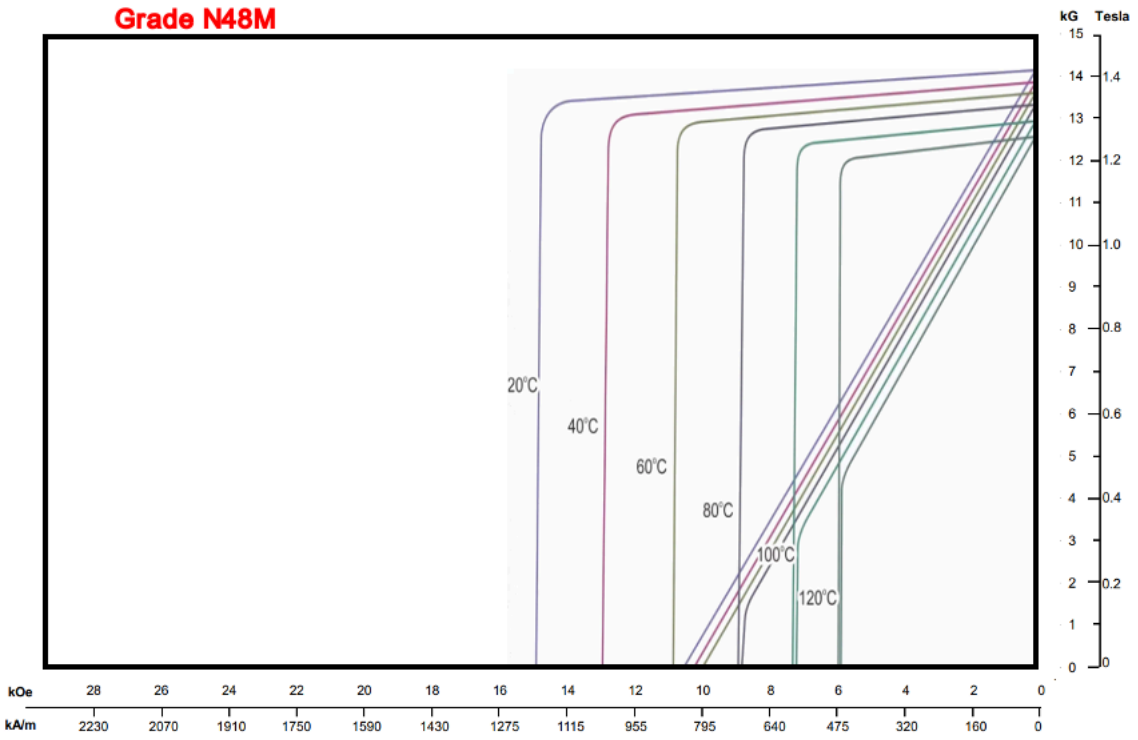
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N48M

The Grade M offers a combination of high magnetic output at moderate cost. The working temperature applied is above 100°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N48M	358~390	45~49	1.37~1.42	13.7~14.2	≥1019	≥12.8	≥1114	≥14	100	320



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

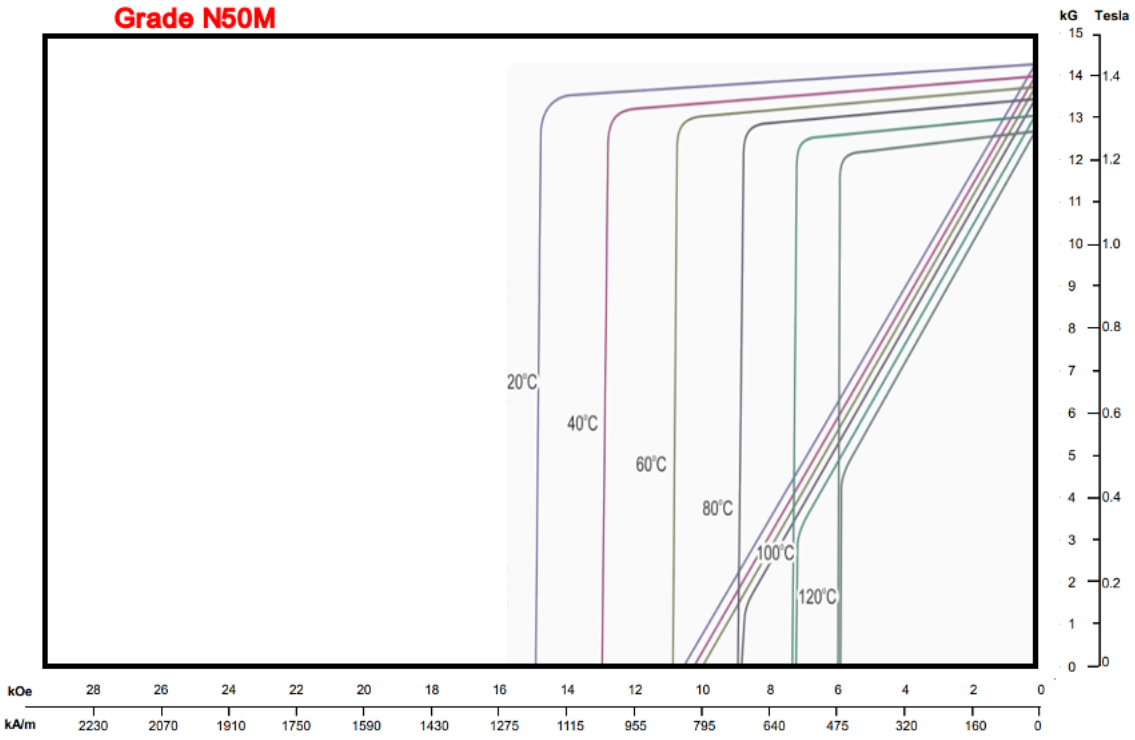
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N50M

The Grade M offers a combination of high magnetic output at moderate cost. The working temperature applied is above 100°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N50M	374~406	47~51	1.40~1.44	14.0~14.4	≥1043	≥13.1	≥1114	≥14	100	320



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

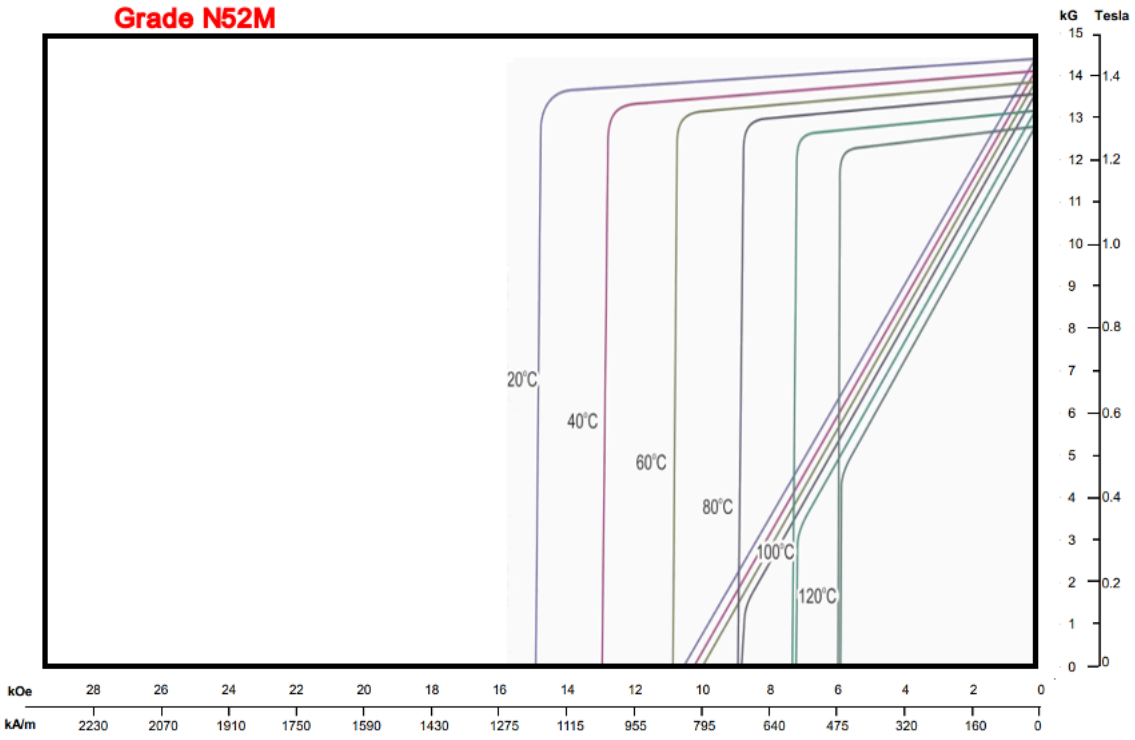
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N52M

The Grade M offers a combination of high magnetic output at moderate cost. The working temperature applied is above 100°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N52M	390~422	49~53	1.42~1.46	14.2~14.6	≥1043	≥13.1	≥1114	≥14	100	320



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

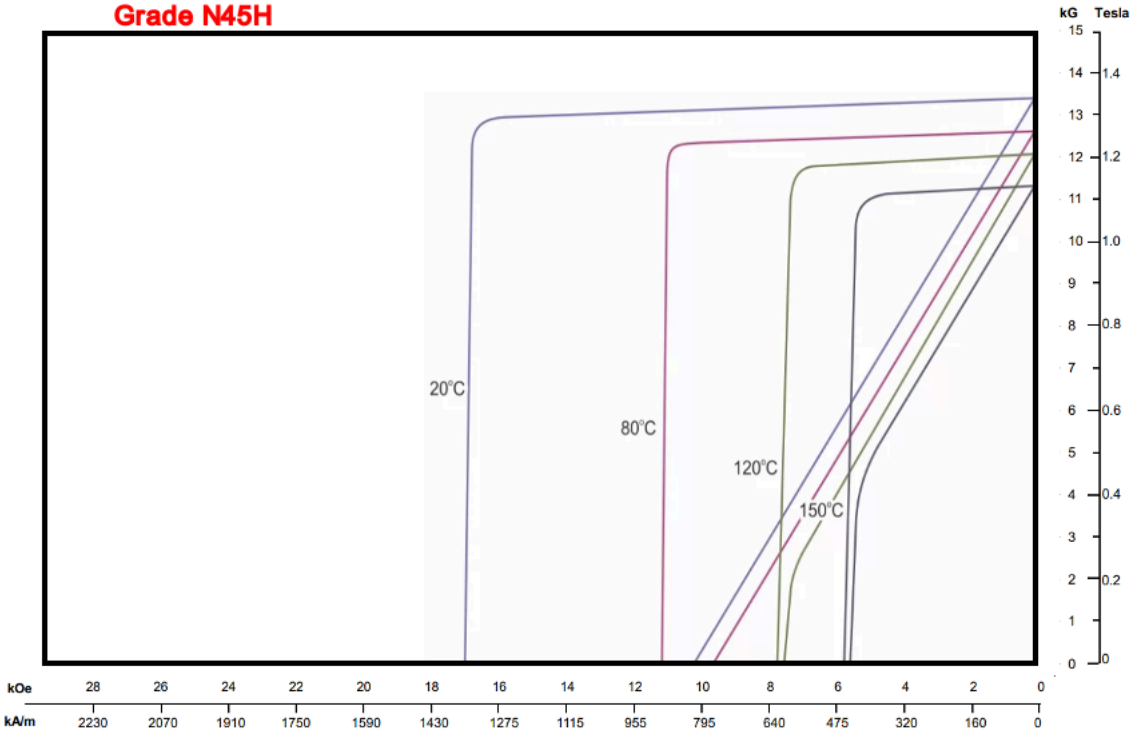
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N45H

The Grade H offers a combination of high magnetic output at moderate cost. The working temperature applied is below 120°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N45H	326~358	41~45	1.32~1.36	13.2~13.6	≥950	≥12.0	≥1356	≥17	120	340



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

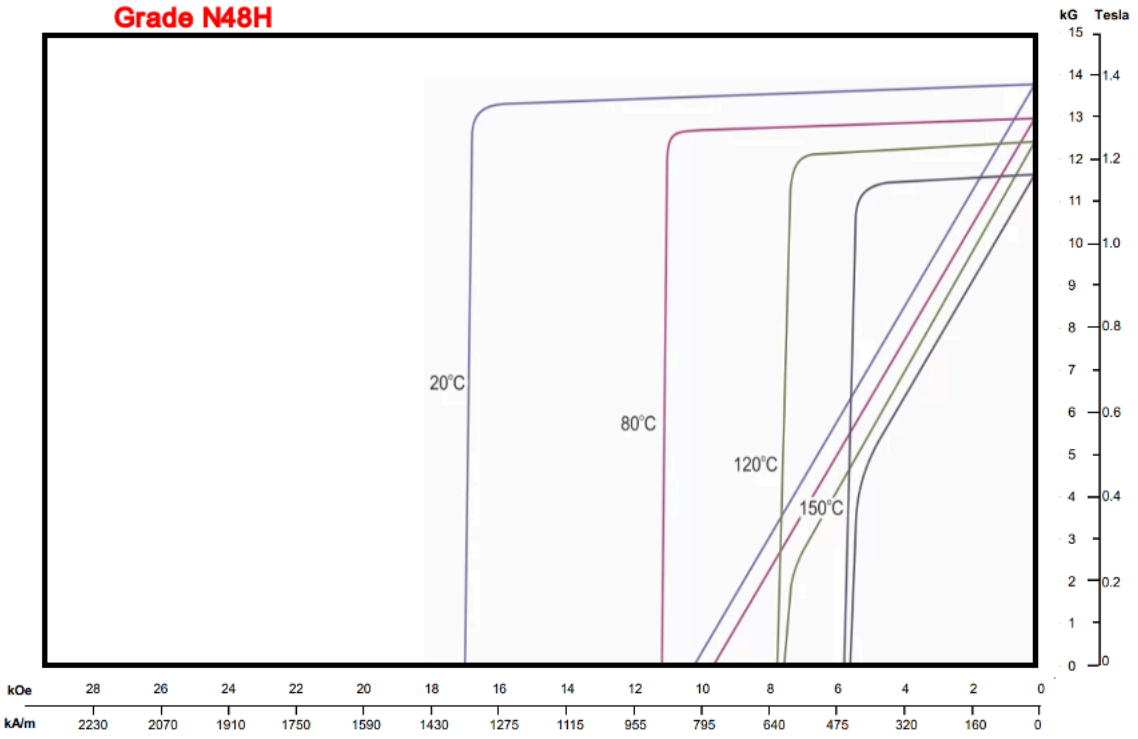
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N48H

The Grade H offers a combination of high magnetic output at moderate cost. The working temperature applied is below 120°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N48H	358~390	45~49	1.36~1.42	13.6~14.2	≥1019	≥13.7	≥1356	≥17	120	340



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

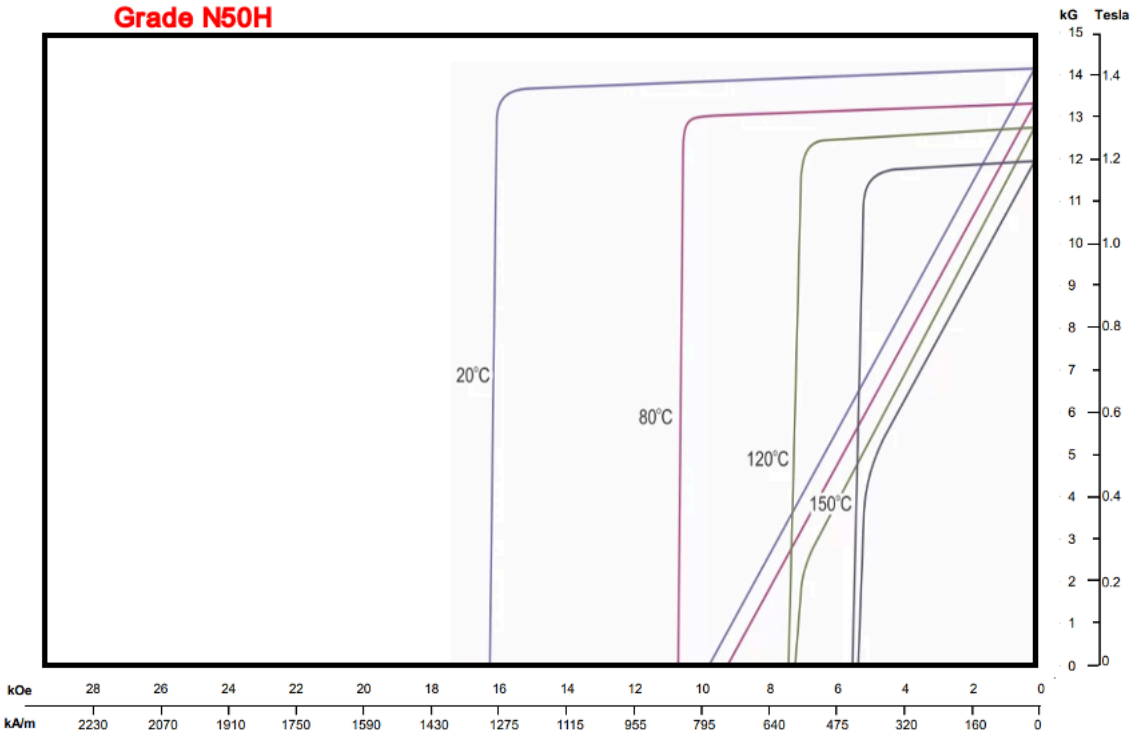
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N50H

The Grade H offers a combination of high magnetic output at moderate cost. The working temperature applied is below 120°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N50H	382~414	48~52	1.41~1.44	14.1~14.4	≥1019	≥13.7	≥1270	≥16	120	340



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

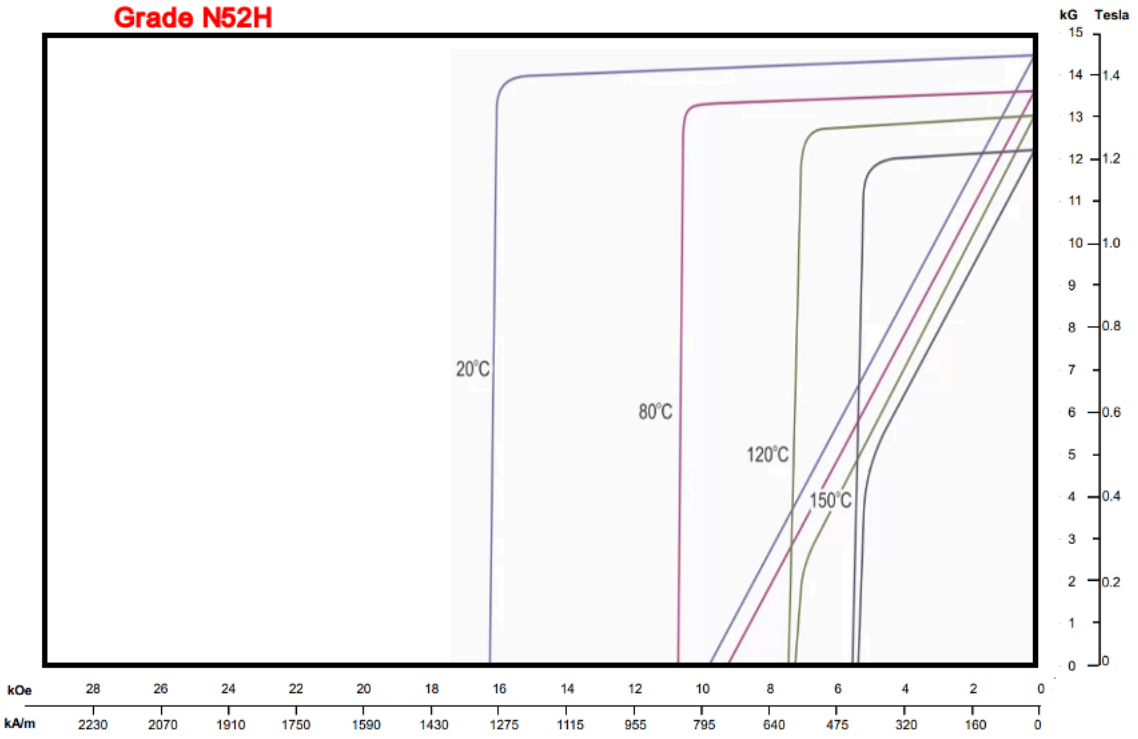
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N52H

The Grade H offers a combination of high magnetic output at moderate cost. The working temperature applied is below 120°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N52H	398~430	50~54	1.42~1.46	14.2~14.6	≥1019	≥13.7	≥1270	≥16	120	340



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

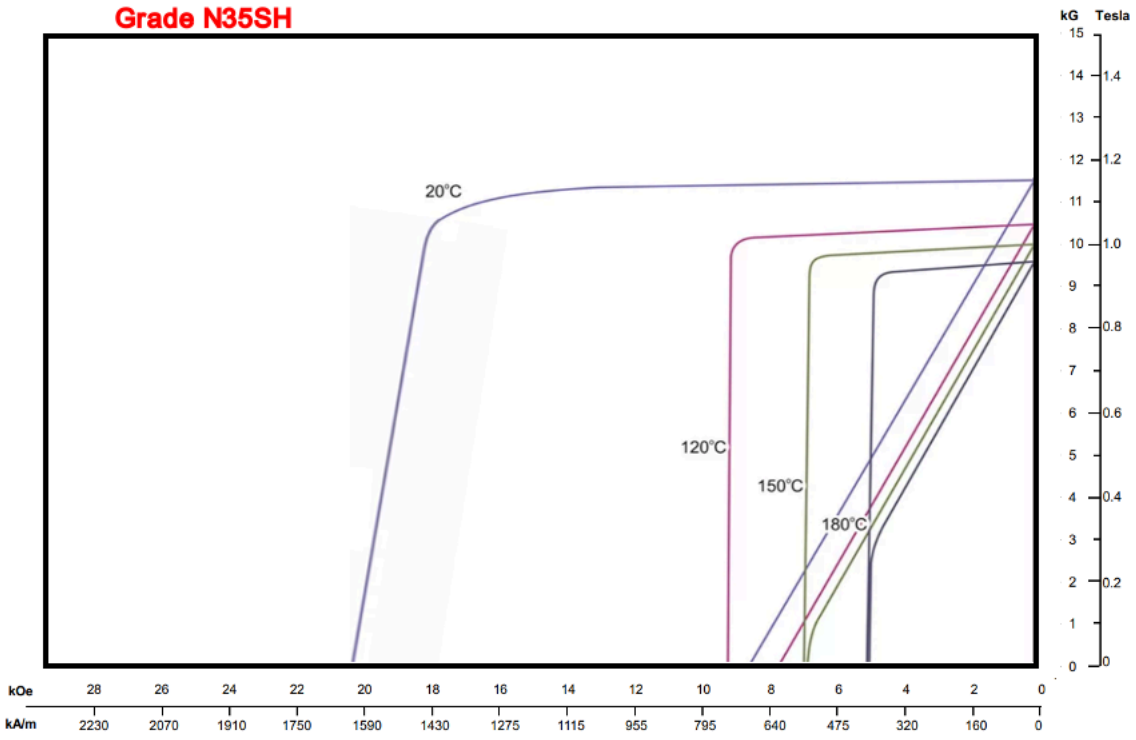
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N35SH

The Grade SH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 150°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N35SH	263~287	33~36	1.18~1.22	11.8~12.2	≥860	≥10.8	≥1595	≥20	150	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

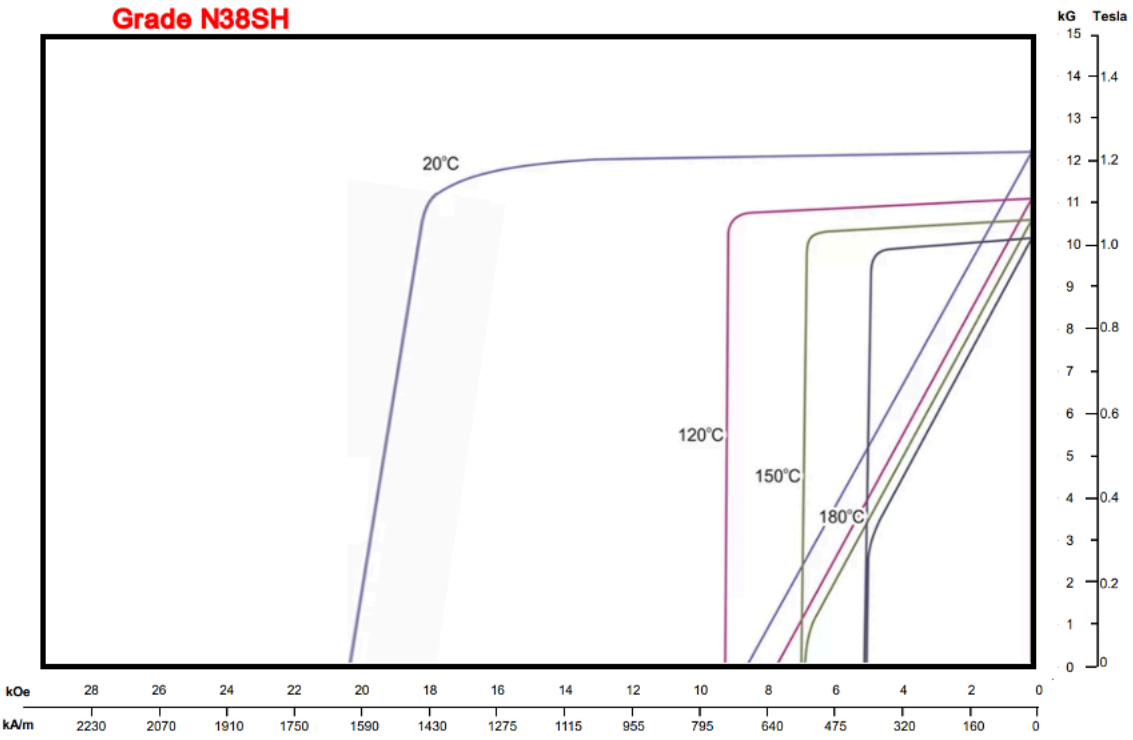
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N38SH

The Grade SH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 150°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N38SH	287~318	36~40	1.22~1.26	12.2~12.6	≥875	≥11	≥1595	≥20	150	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

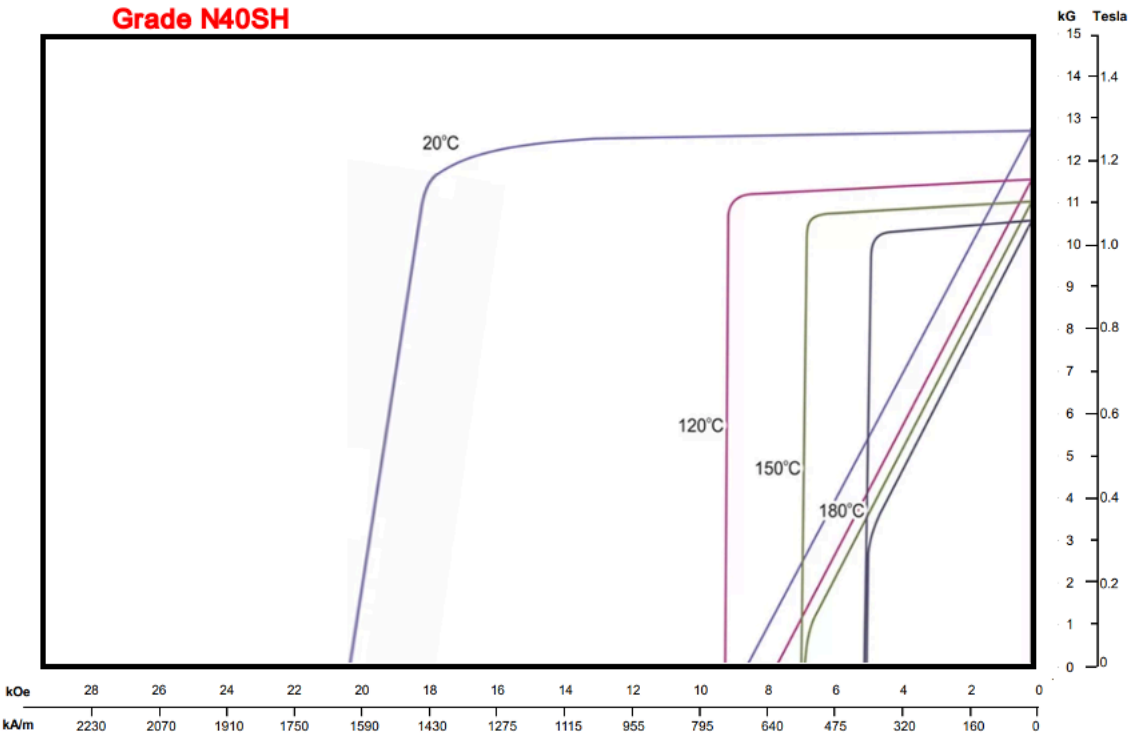
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N40SH

The Grade SH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 150°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N40SH	302~334	38~42	1.26~1.30	12.6~13.0	≥875	≥11.0	≥1595	≥20	150	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

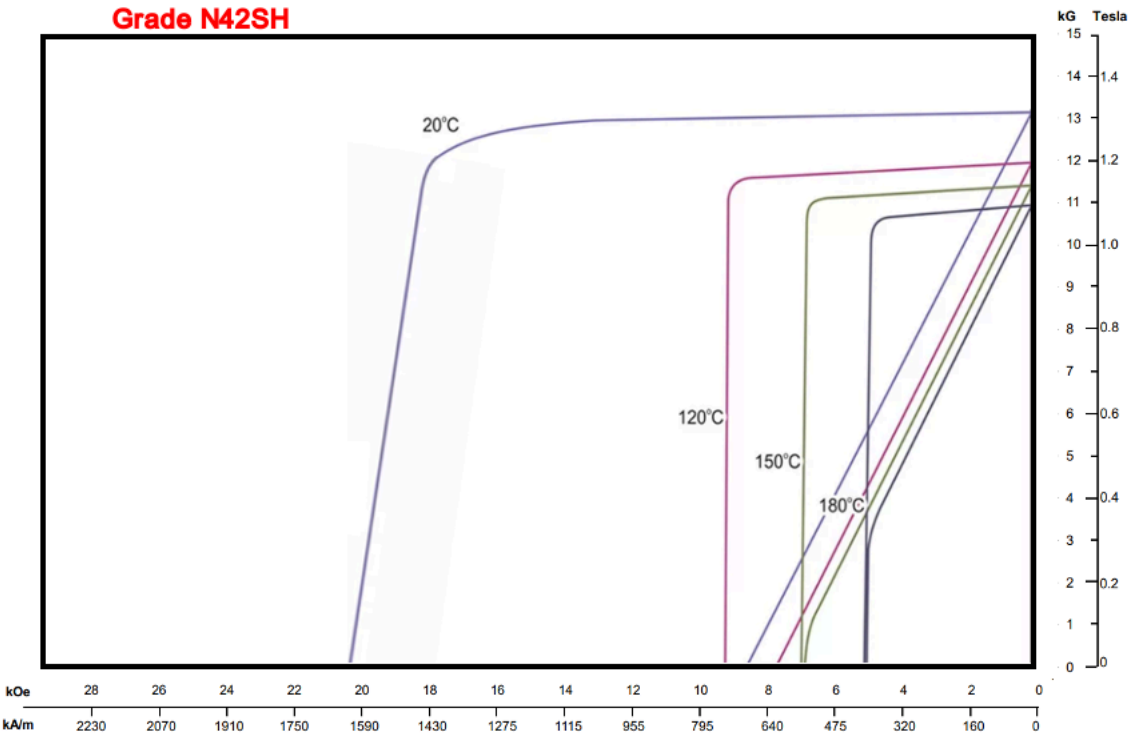
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N42SH

The Grade SH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 150°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N42SH	318~350	40~44	1.28~1.32	12.8~13.2	≥915	≥11.5	≥1595	≥20	150	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

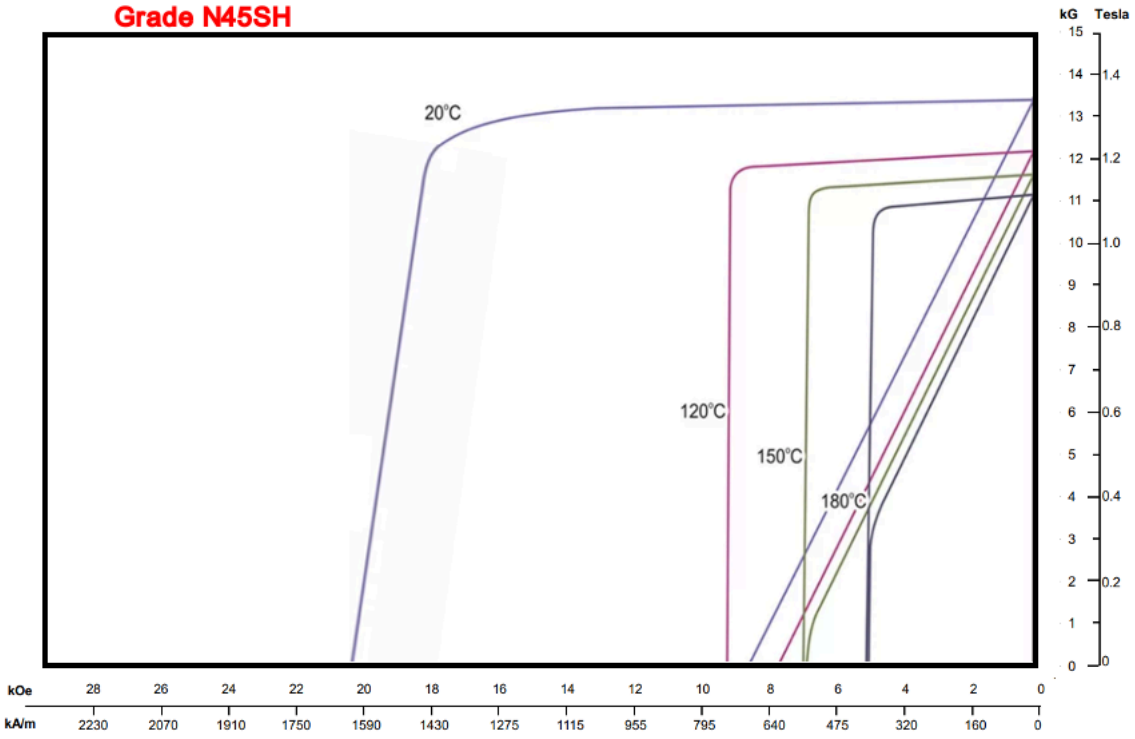
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N45SH

The Grade SH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 150°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N45SH	334~366	42~46	1.32~1.36	13.2~13.6	≥915	≥11.5	≥1595	≥20	150	350



YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

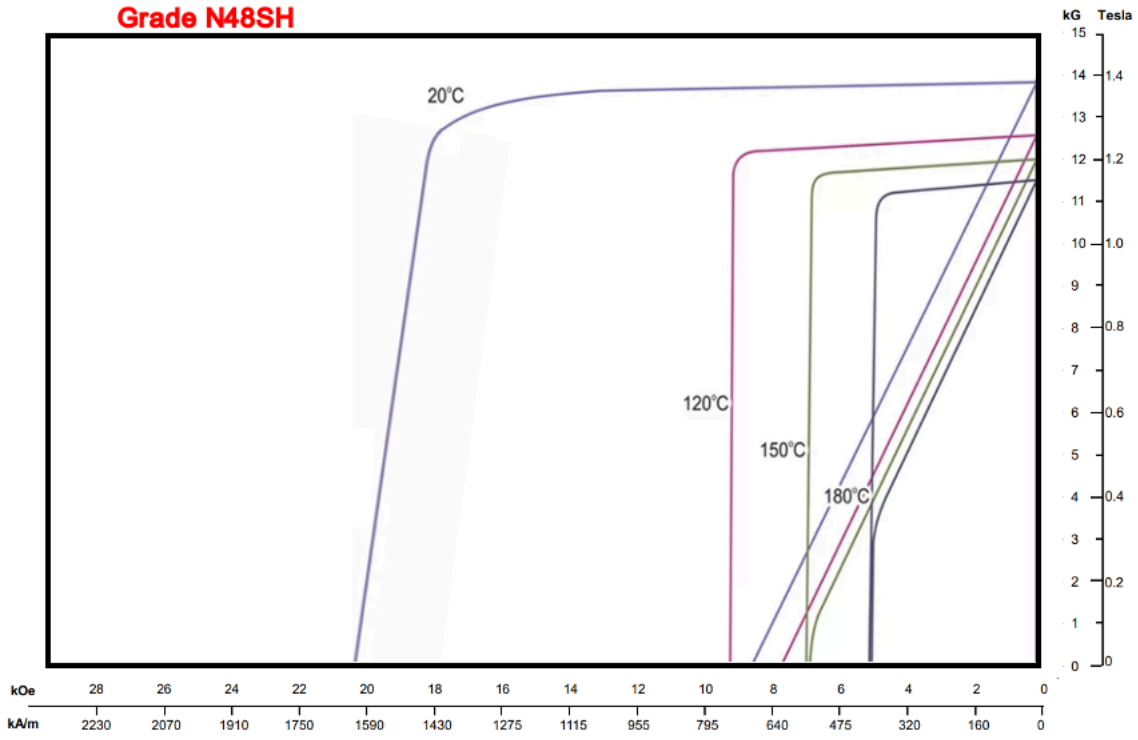
Sintered Neodymium-Iron-Boron Magnet N48SH

The Grade SH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 150°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N48SH	358~390	45~49	1.37~1.40	13.7~14.0	≥915	≥11.5	≥1515	≥19	150	350

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

Sintered Neodymium-Iron-Boron Magnet N50SH

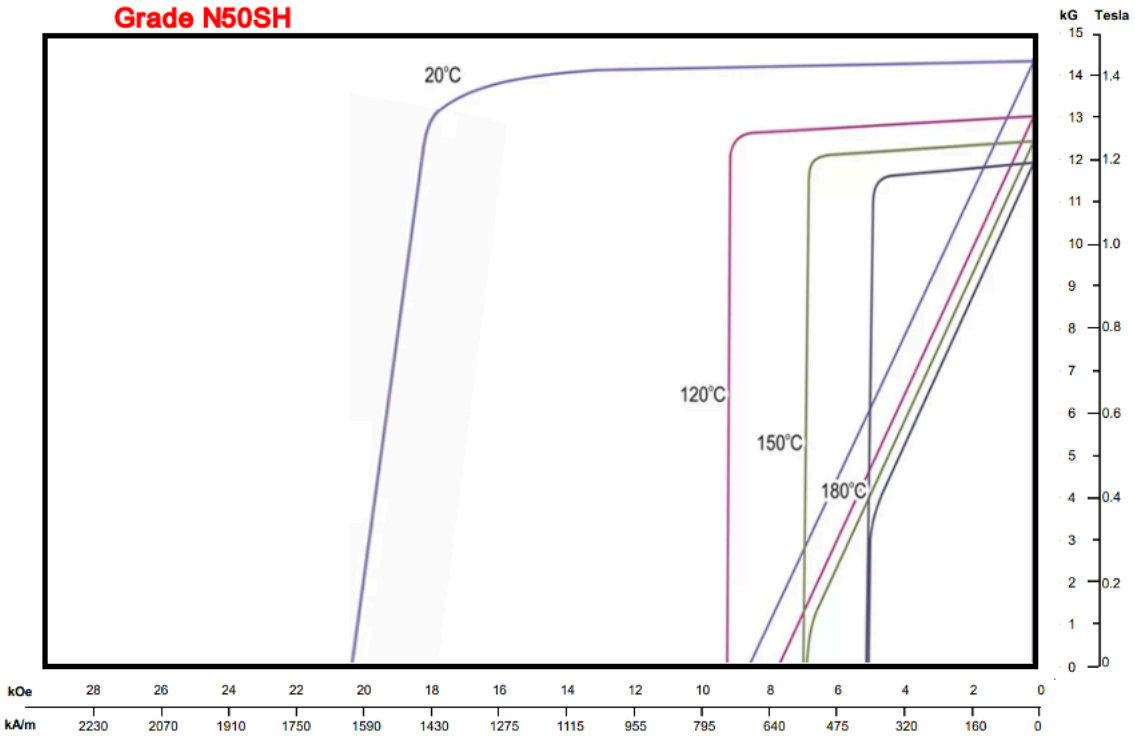
The Grade SH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 150°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

N50SH	382~414	48~52	1.41~1.44	14.1~14.4	≥915	≥11.5	≥1515	≥19	150	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

Sintered Neodymium-Iron-Boron Magnet N28UH

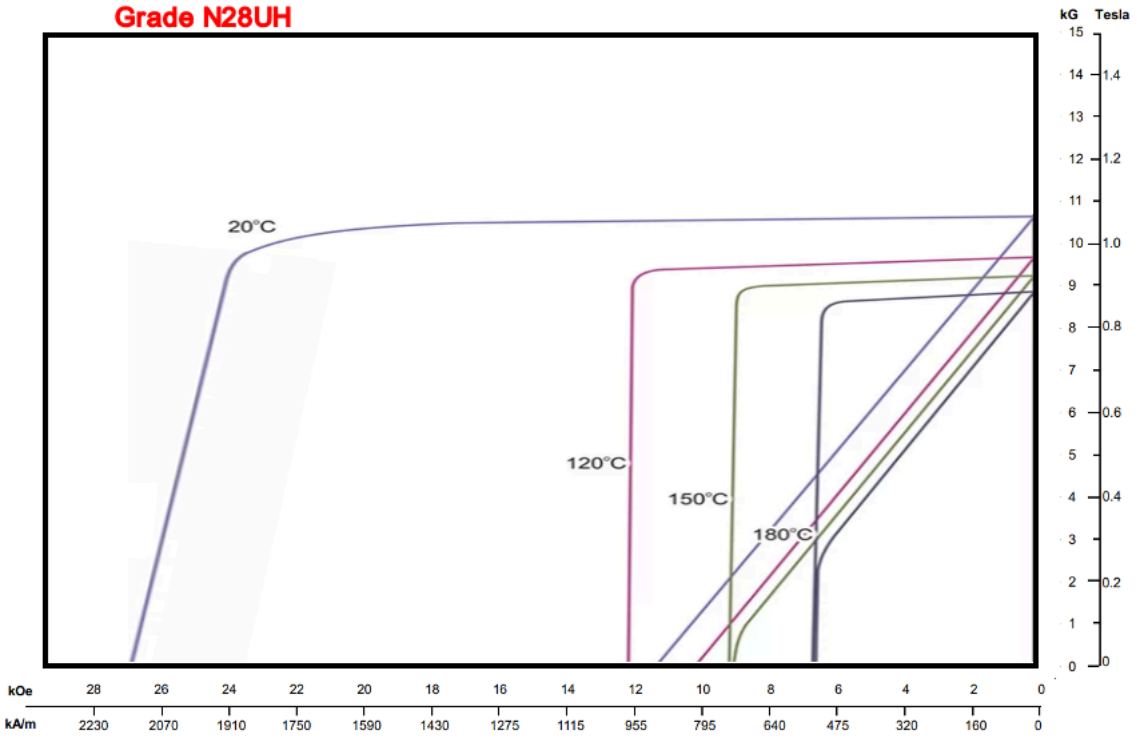
The Grade UH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 180°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product	Residual Induction	Coercivity	Instrinsic Coercivity		Curie temp.

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

	(BH)max.		Br.		Hcb		Hcj		Max. operating temp.	T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N28UH	207~239	26~30	1.04~1.10	10.4~11.0	≥740	≥9.30	≥1990	≥25	180	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

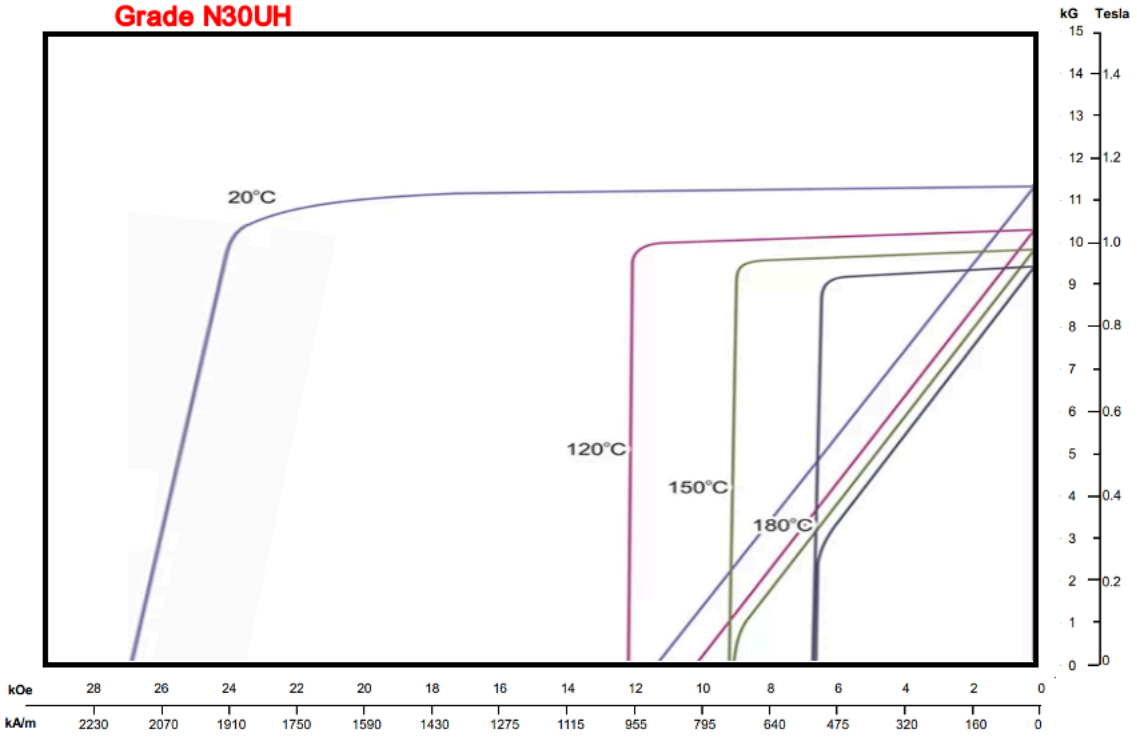
Sintered Neodymium-Iron-Boron Magnet N30UH

The Grade UH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 180°C.

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N30UH	223~255	28~32	1.10~1.14	11.0~11.4	≥780	≥9.80	≥1990	≥25	180	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

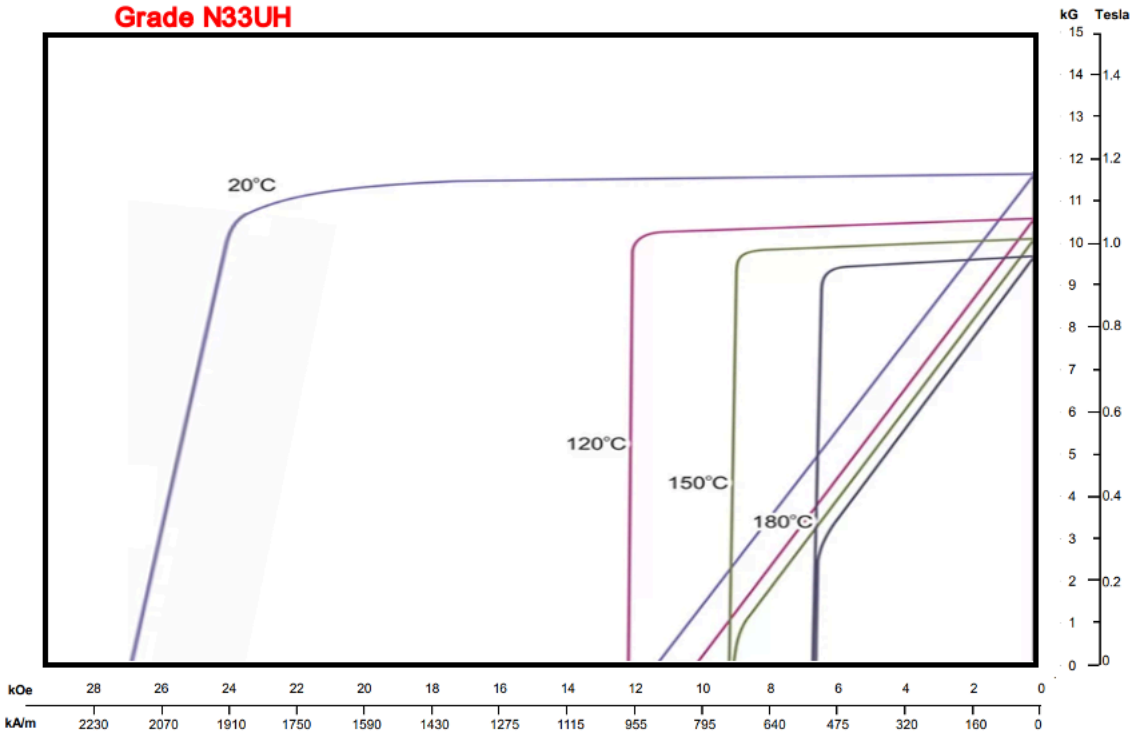
Sintered Neodymium-Iron-Boron Magnet N33UH

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

The Grade UH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 180°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N33UH	247~279	31~35	1.14~1.18	11.4~11.8	≥820	≥10.3	≥1990	≥25	180	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

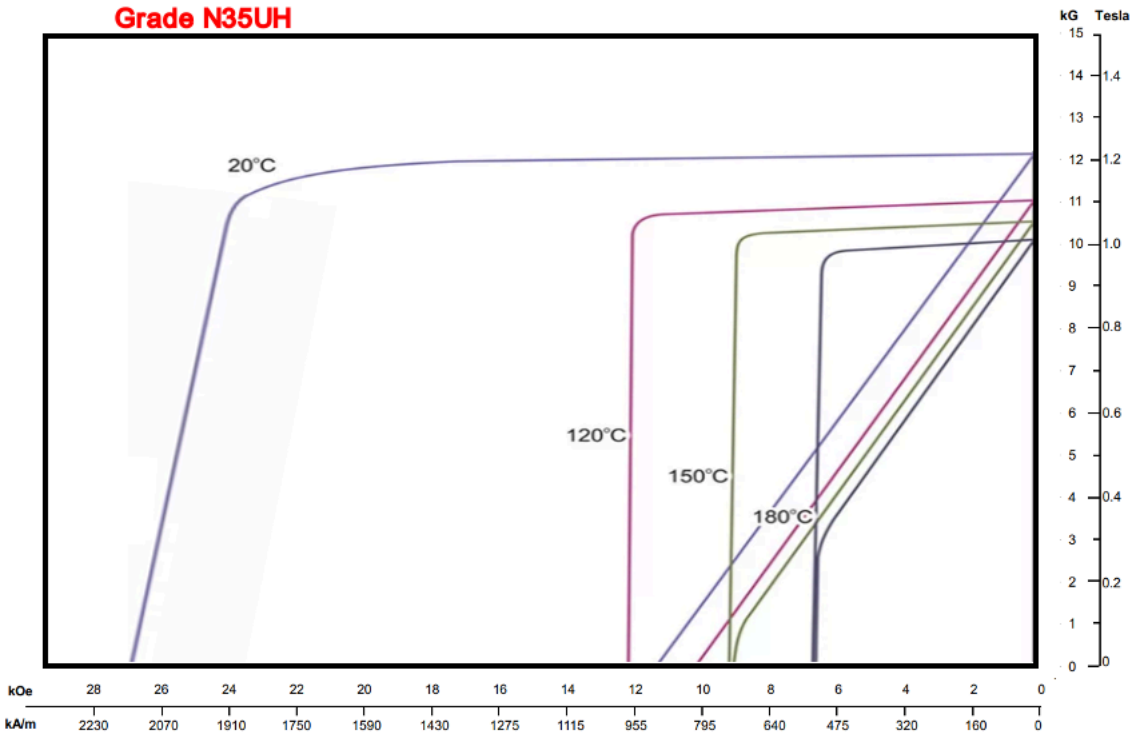
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N35UH

The Grade UH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 180°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N35UH	263~287	33~36	1.18~1.22	11.8~12.2	≥860	≥10.8	≥1990	≥25	180	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

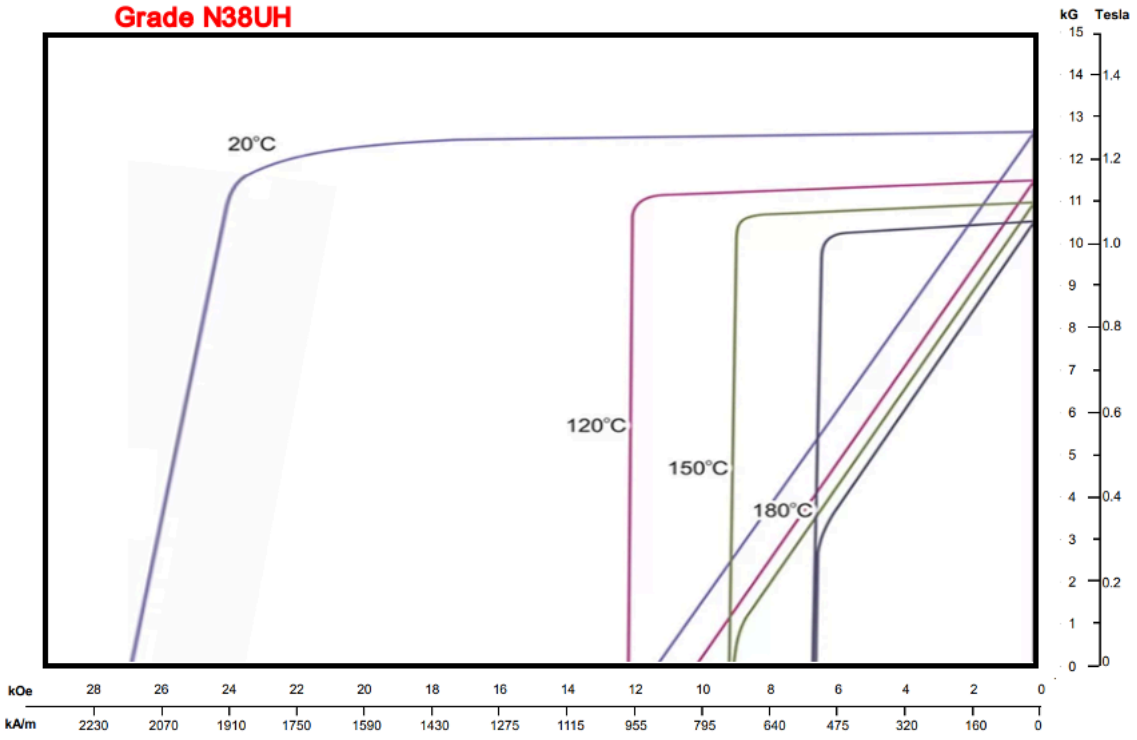
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N38UH

The Grade UH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 180°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N38UH	287~318	36~40	1.22~1.26	12.2~12.6	≥875	≥11.0	≥1990	≥25	180	350



YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

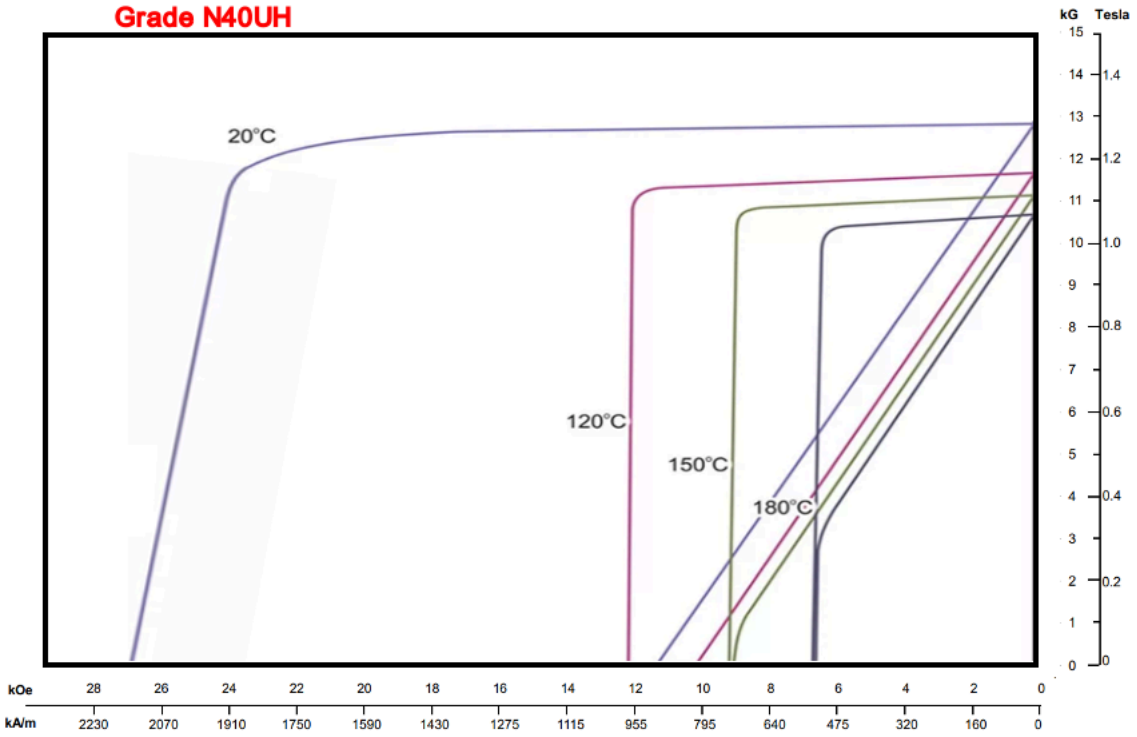
Sintered Neodymium-Iron-Boron Magnet N40UH

The Grade UH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 180°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N40UH	302~334	38~42	1.26~1.30	12.6~13.0	≥875	≥11.0	≥1990	≥25	180	350

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

Sintered Neodymium-Iron-Boron Magnet — N42UH

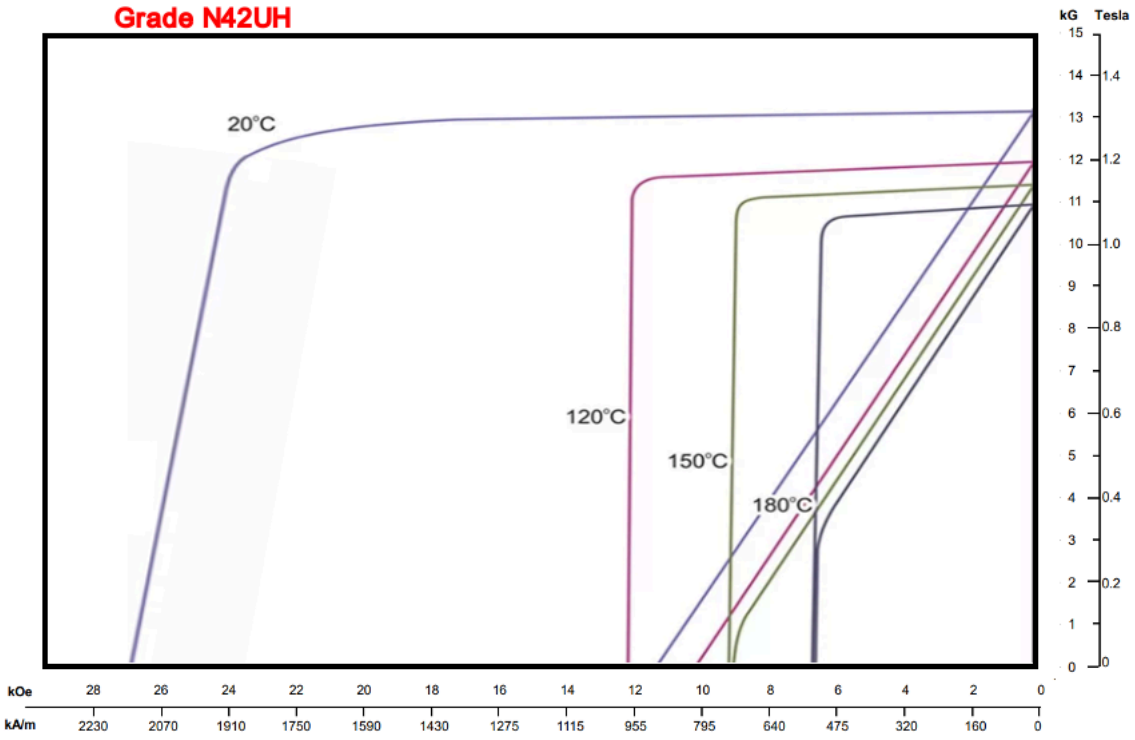
The Grade UH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 180°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

N42UH	318~350	40~44	1.28~1.32	12.8~13.2	≥875	≥11.0	≥1990	≥25	180	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

Sintered Neodymium-Iron-Boron Magnet N45UH

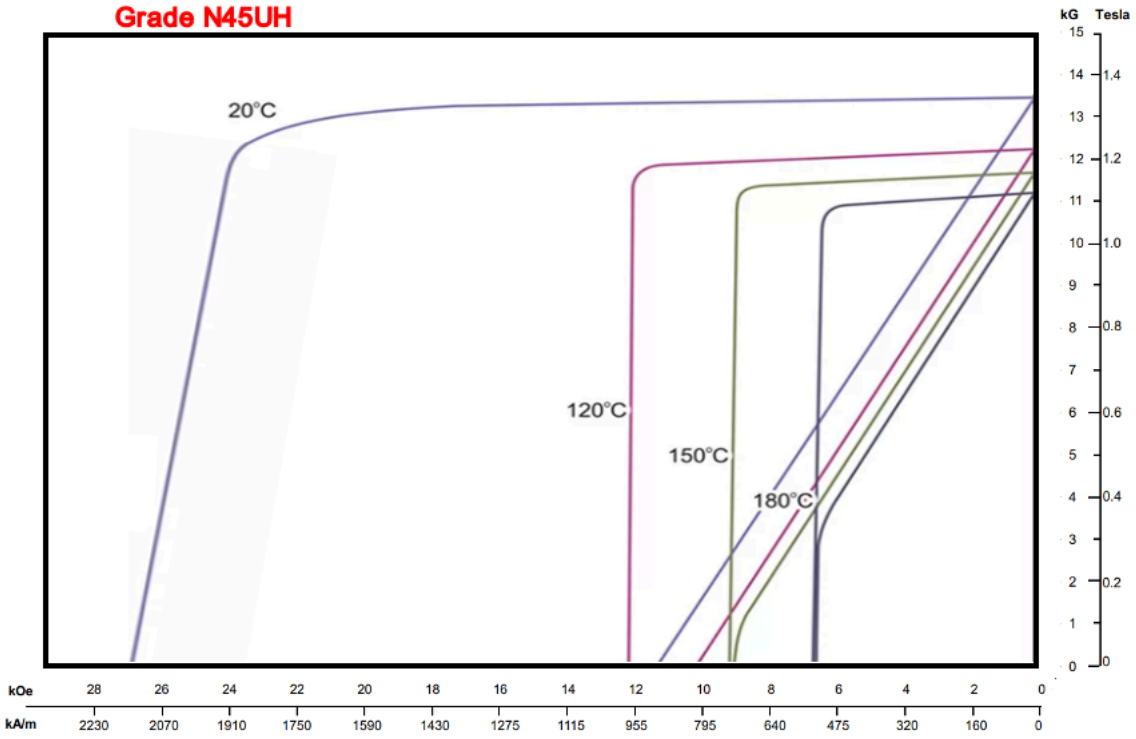
The Grade UH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 180°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product	Residual Induction	Coercivity	Instrinsic Coercivity		Curie temp.

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

	(BH)max.		Br.		Hcb		Hcj		Max. operating temp.	T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N45UH	334~366	42~46	1.32~1.36	13.2~13.6	≥875	≥11.0	≥1910	≥24	180	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

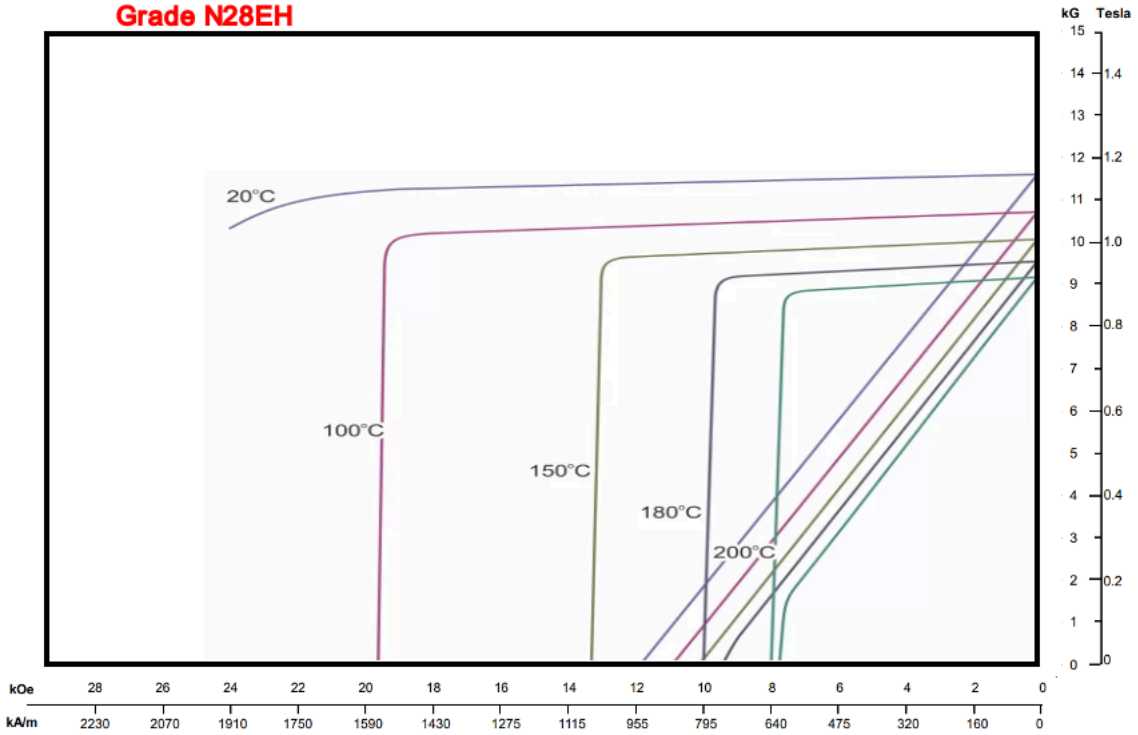
Sintered Neodymium-Iron-Boron Magnet N28EH

The Grade EH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 200°C.

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N28EH	207~239	26~30	1.04~1.10	10.4~11.0	≥820	≥10.3	≥2387	≥30	200	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

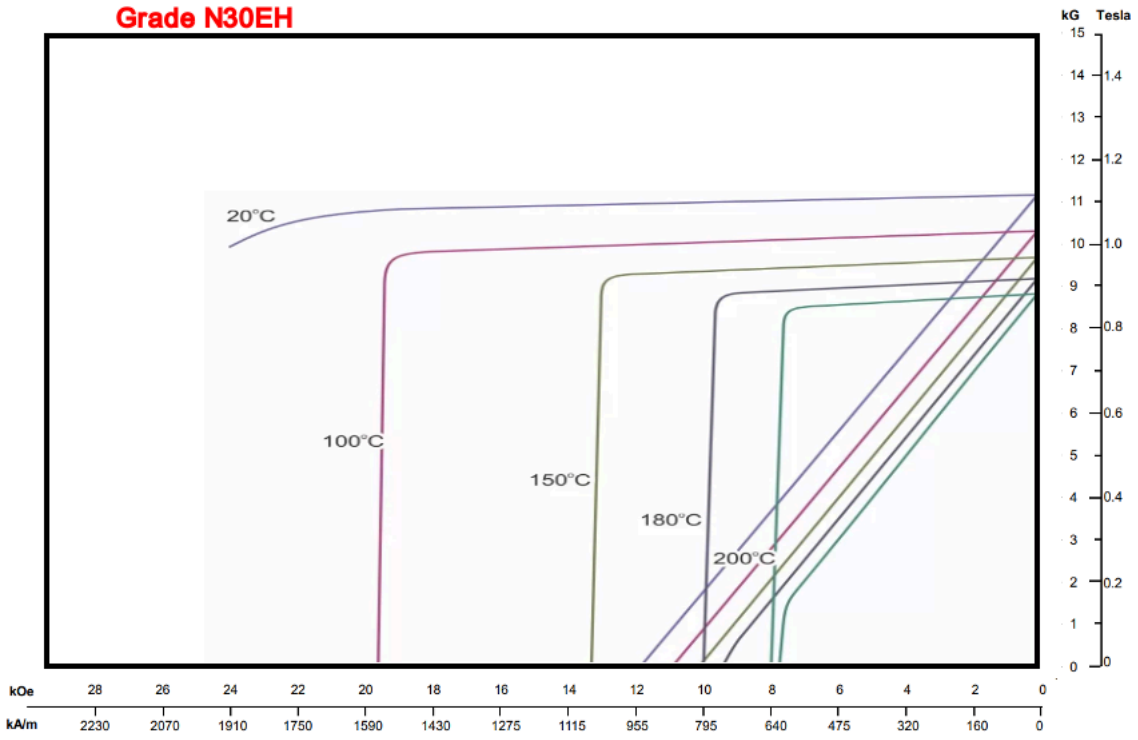
Sintered Neodymium-Iron-Boron Magnet N30EH

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

The Grade EH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 200°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N30EH	223~255	28~32	1.08~1.14	10.8~11.4	≥844	≥10.6	≥2387	≥30	200	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

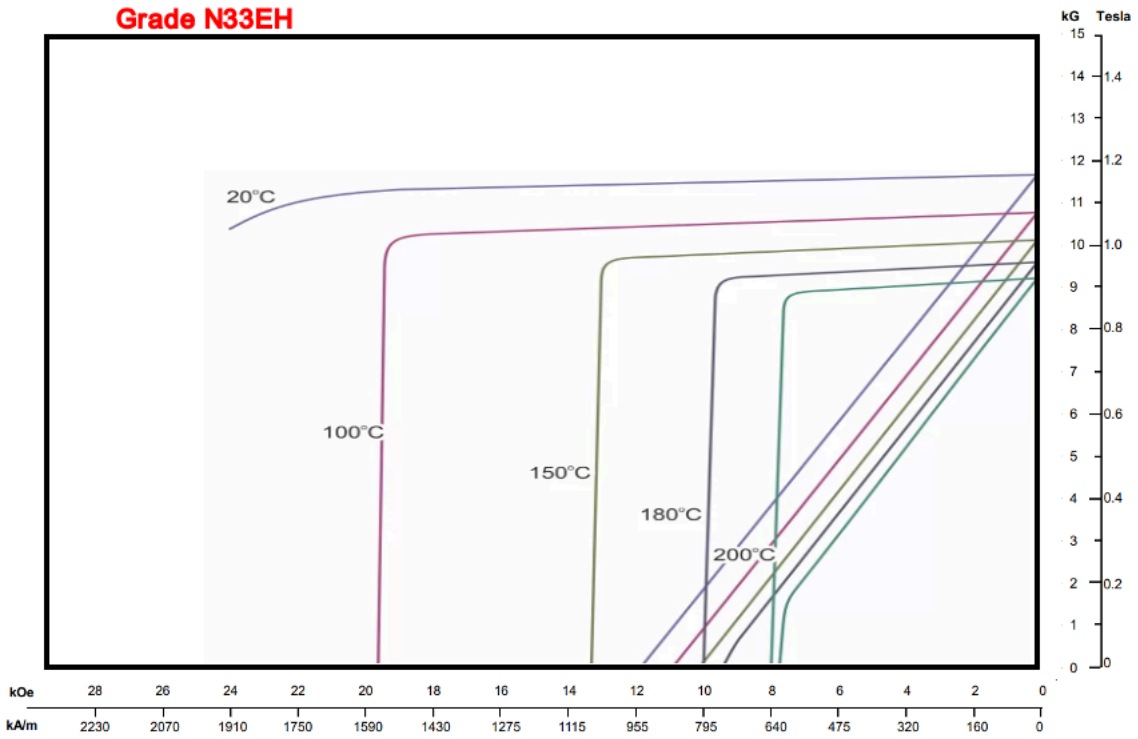
Sintered Neodymium-Iron-Boron Magnet N33EH

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

The Grade EH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 200°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N33EH	247~279	31~35	1.12~1.18	11.2~11.8	≥860	≥10.8	≥2387	≥30	200	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

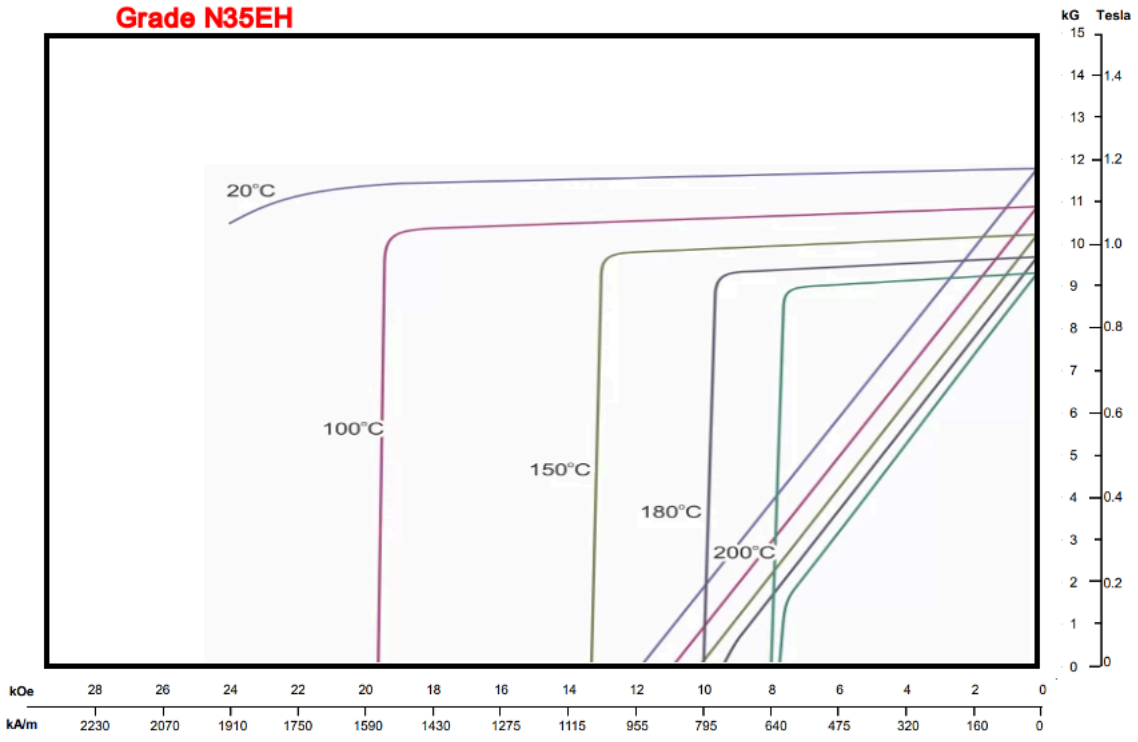
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N35EH

The Grade EH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 200°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N35EH	263~287	33~36	1.17~1.20	11.7~12.0	≥860	≥10.8	≥2387	≥30	200	350



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

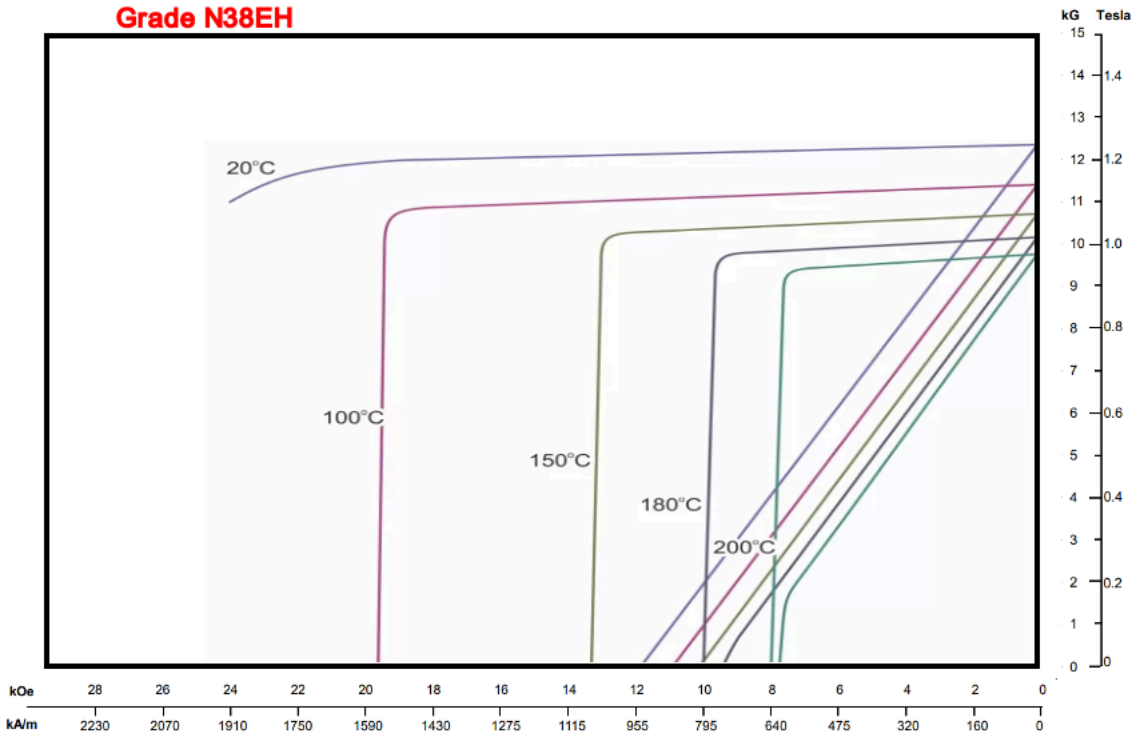
YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Sintered Neodymium-Iron-Boron Magnet N38EH

The Grade EH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 200°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N38EH	287~318	36~40	1.22~1.26	12.2~12.6	≥875	≥11.0	≥2387	≥30	200	350



YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

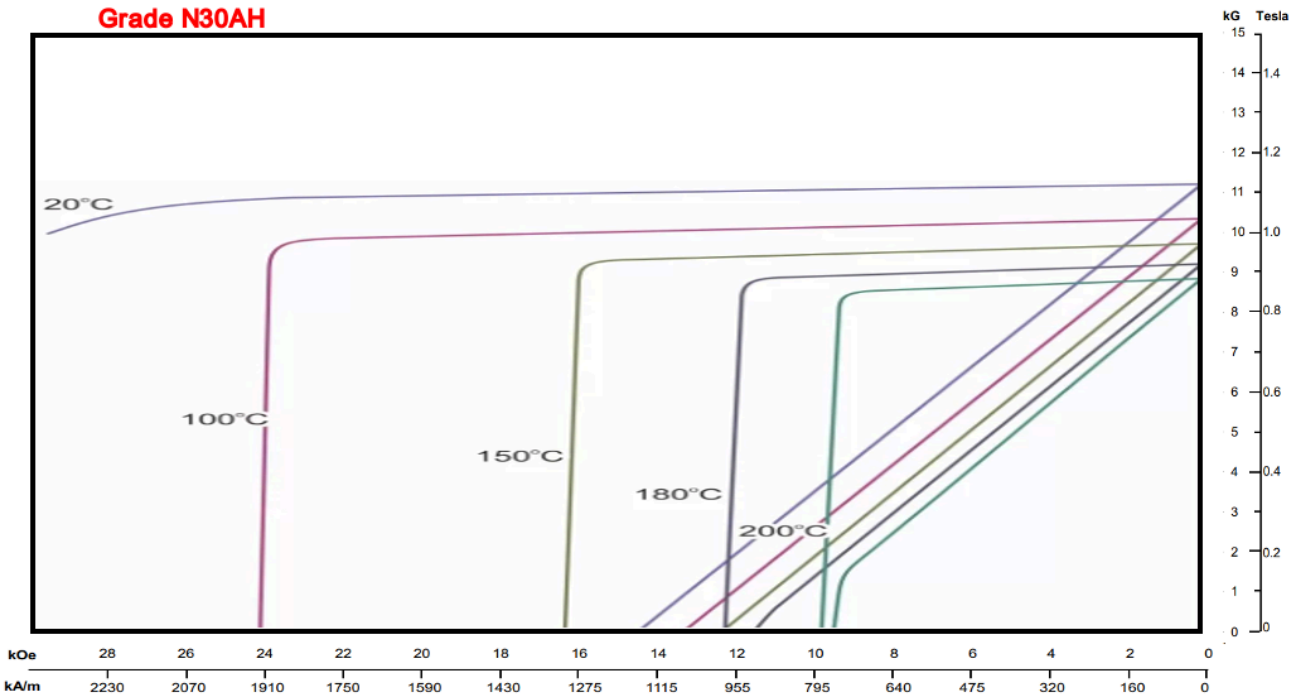
Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

Sintered Neodymium-Iron-Boron Magnet N30AH

The Grade AH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 220°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N30AH	223~255	28~32	1.08~1.14	10.8~11.4	≥804	≥10.1	≥2786	≥35	220	350



YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

Sintered Neodymium-Iron-Boron Magnet N35AH

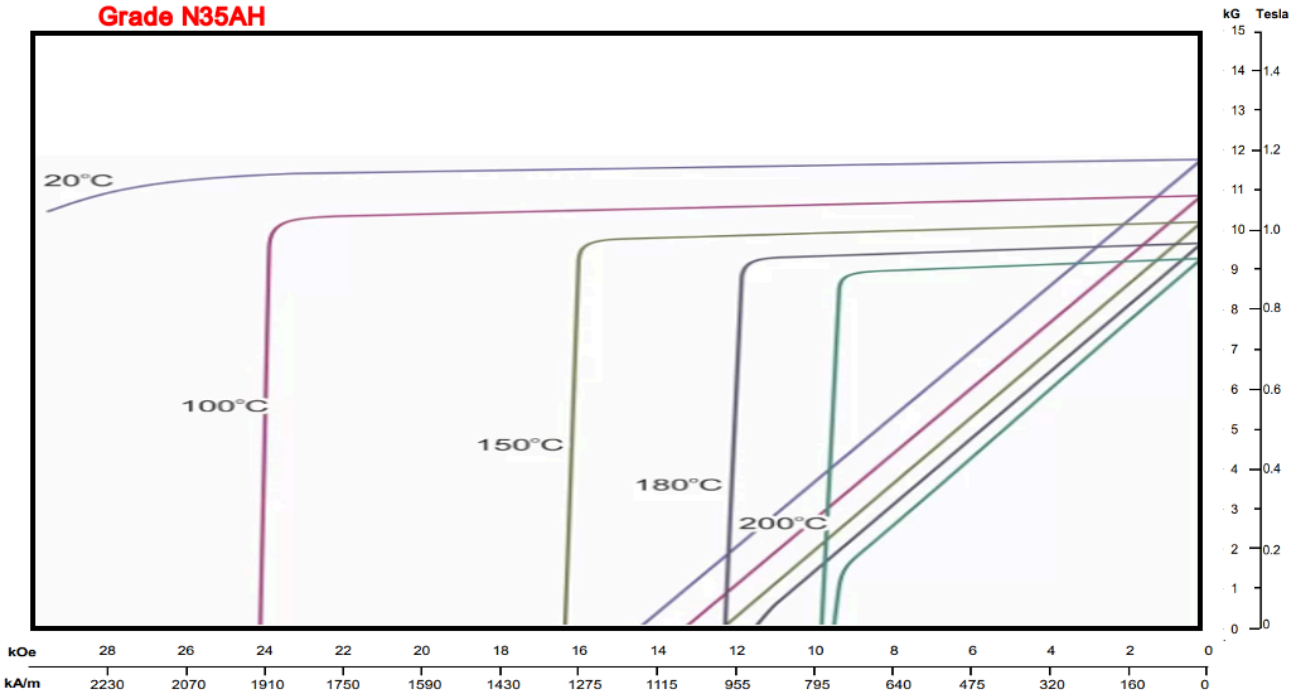
The Grade AH offers a combination of high magnetic output at moderate cost. The working temperature applied is below 220°C.

Please contact YX MAGNETIC SA for additional grade information and recommendations for protective coating. Assemblies using NdFeB magnets can also be provided.

Grade	Max. energy product		Residual Induction		Coercivity		Instrinsic Coercivity		Max. operating temp.	Curie temp.
	(BH)max.		Br.		Hcb		Hcj			T_C
	[kJ/m3]	[MGOe]	[T]	[kGs]	[kA/m]	[kOe]	[kA/m]	[kOe]	[°C]	[°C]
N35AH	255~287	32~36	1.16~1.22	11.6~12.2	≥852	≥10.7	≥2786	≥35	220	350

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com

Grade N35AH



Notes: The material data and demagnetization curves shown above represent based on the dimension D10X10, that vary due to different shape and size. Magnets can be supplied depending on customer specifications. Additional grades are available. Please contact us for information.

YX Magnetic SA · Rue du Stade 38 · CH-3960 Sierre · Suisse
Tél : +41 (0)27 455 18 35 · E-mail : info@yxmagnetic.com · www.yxmagnetic.com