

# Sintered NdFeB

REN / GEN

## Material Type

Metallic Alloy

## SURFACE PROTECTION

NiCuNi / Zinc / Epoxy / Passivation / Rilsan / Aluminum / Parylene

## ORIENTATION

Axial / Diametral / Radial

## MAGNETIZATION

Single or multiple poles on the functional surface

## TEMPERATURE BEHAVIOR

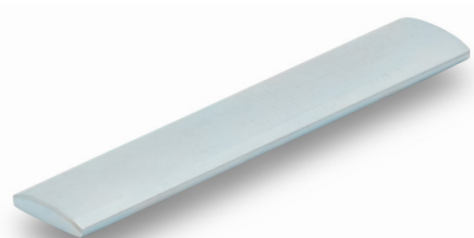
Br TEMPERATURE COEFFICIENT*	% / °C	-0,10 / -0,12
HcJ TEMPERATURE COEFFICIENT*	% / °C	-0,40 / -0,78

\*The temperature coefficients are nominal reference values only. They can vary for different temperatures and don't need to be linear.

\*\*The maximum operating temperature depends on the magnet shape, size and on the specific application. Maximum working temperature data shown on the catalogue are based on the international standard  $B/H = P_c > 0,7$ .

## PHYSICAL AND MECHANICAL TYPICAL PROPERTIES

CURIE TEMPERATURE	°C	>310
RECOIL PERMEABILITY	( $\mu_r$ )	1,05
SATURATION FIELD	kOe	> 35
ELECTRICAL RESISTIVITY	$\Omega m$	$150 \times 10^{-8}$
COMPRESSIVE STRENGTH	N/mm <sup>2</sup>	~ 1.050
DENSITY	g/cm <sup>3</sup>	7,5-7,6
FLEXURAL STRENGTH	N/mm <sup>2</sup>	250
TENSILE STRENGTH	N/mm <sup>2</sup>	75
VICKERS HARDNESS	HV	~ 600
YOUNG'S MODULUS	N/mm <sup>2</sup>	$160 \times 10^3$
SPECIFIC HEAT	kcal/kg/°C	0,12
THERMAL CONDUCTIVITY	kcal/m/hr/°C	~ 7,7
THERMAL EXPANSION COEF $\perp c$	$10^{-6}/°C$	-1,5
THERMAL EXPANSION COEF // c	$10^{-6}/°C$	5



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GRADE	Br		HcB		HcJ		BH max		Max. Working Temp.**
	G	T	Oe	kA/m	Oe	kA/m	MGOe	kJ/m <sup>3</sup>	
<b>Sintered NdFeB</b>									
REN35	11.800 - 12.400	1,18 - 1,24	≥ 10,8	≥ 860	≥ 12	≥ 955	33 - 38	263 - 302	80
REN38	12.300 - 12.900	1,23 - 1,29	≥ 10,8	≥ 860	≥ 12	≥ 955	36 - 41	286 - 326	80
REN40	12.600 - 13.200	1,26 - 1,32	≥ 10,8	≥ 860	≥ 12	≥ 955	38 - 43	302 - 342	80
REN42	13.000 - 13.600	1,30 - 1,36	≥ 10,8	≥ 860	≥ 12	≥ 955	40 - 45	318 - 358	80
REN45	13.200 - 13.800	1,32 - 1,38	≥ 10,5	≥ 836	≥ 12	≥ 955	42 - 47	334 - 374	80
REN48	13.700 - 14.300	1,37 - 1,43	≥ 10,5	≥ 836	≥ 12	≥ 955	45 - 50	358 - 398	80
REN50	13.900 - 14.400	1,39 - 1,44	≥ 10,5	≥ 836	≥ 12	≥ 955	47 - 51	374 - 406	80
REN52	14.200 - 14.600	1,42 - 1,46	≥ 10,5	≥ 836	≥ 12	≥ 955	49 - 54	390 - 430	80
REN54	14.500-14.900	1,45-1,49	≥10,5	≥836	≥12	≥955	51-55	406-437	80
REN56	14.700-15.100	1,47-1,51	≥10,5	≥836	≥12	≥955	52-57	414-454	80
REN35M	11.800 - 12.400	1,18 - 1,24	≥ 11,0	≥ 876	≥ 14	≥ 1.114	33 - 38	263 - 302	100
REN38M	12.300 - 12.900	1,23 - 1,29	≥ 11,5	≥ 916	≥ 14	≥ 1.114	36 - 41	287 - 326	100
REN40M	12.600 - 13.200	1,26 - 1,32	≥ 11,8	≥ 939	≥ 14	≥ 1.114	38 - 43	302 - 342	100
REN42M	13.000 - 13.600	1,30 - 1,36	≥ 12,0	≥ 955	≥ 14	≥ 1.114	40 - 45	318 - 358	100
REN45M	13.200 - 13.800	1,32 - 1,38	≥ 12,2	≥ 971	≥ 14	≥ 1.114	42 - 47	334 - 374	100
REN48M	13.700 - 14.300	1,37 - 1,43	≥ 12,5	≥ 995	≥ 14	≥ 1.114	45 - 50	358 - 398	100
REN50M	13.900 - 14.400	1,39 - 1,44	≥ 12,7	≥ 1.011	≥ 14	≥ 1.114	47 - 52	374 - 414	100
REN52M	14.200 - 14.600	1,42 - 1,46	≥ 12,8	≥ 1.019	≥ 14	≥ 1.114	49 - 54	390 - 430	100
REN54M	14.400-14.900	1,44-1,49	≥13,0	≥1035	≥14	≥1114	50-55	398-438	100
REN56M	14.600-15.000	1,46-1,50	≥12,5	≥955	≥13	≥1035	51-56	406-446	100
REN35H	11.800 - 12.400	1,18 - 1,24	≥ 11	≥ 876	≥ 17	≥ 1.353	33 - 38	263 - 302	120
REN38H	12.300 - 12.900	1,23 - 1,29	≥ 11,5	≥ 916	≥ 17	≥ 1.353	36 - 41	287 - 326	120
REN40H	12.600 - 13.200	1,26 - 1,32	≥ 11,8	≥ 939	≥ 17	≥ 1.353	48 - 43	302 - 342	120
REN42H	13.000 - 13.600	1,30 - 1,36	≥ 12,0	≥ 955	≥ 17	≥ 1.353	40 - 44	318 - 350	120
REN45H	13.200 - 13.800	1,32 - 1,38	≥ 12,2	≥ 971	≥ 17	≥ 1.353	42 - 46	334 - 366	120
REN48H	13.600 - 14.100	1,36 - 1,41	≥ 12,7	≥ 1.011	≥ 16	≥ 1.273	45 - 50	358 - 398	120
REN50H	13.900 - 14.300	1,39 - 1,43	≥ 13,0	≥ 1.035	≥ 16	≥ 1.273	47 - 52	374 - 414	120
REN52H	14.200 - 14.600	1,42 - 1,46	≥ 13,2	≥ 1.050	≥ 16	≥ 1.273	49 - 54	390 - 430	120
REN33SH	11.400 - 12.000	1,14 - 1,20	≥ 10,7	≥ 851	≥ 20	≥ 1.592	31 - 36	247 - 287	150
REN35SH	11.800 - 12.400	1,18 - 1,24	≥ 11,1	≥ 883	≥ 20	≥ 1.592	33 - 38	263 - 302	150
REN38SH	12.300 - 12.900	1,23 - 1,29	≥ 11,6	≥ 923	≥ 20	≥ 1.592	36 - 41	287 - 326	150
REN40SH	12.600 - 13.200	1,26 - 1,32	≥ 11,8	≥ 939	≥ 20	≥ 1.592	43 - 48	302 - 342	150
REN42SH	12.800 - 13.400	1,28 - 1,34	≥ 12,0	≥ 955	≥ 20	≥ 1.592	44 - 49	310 - 350	150

The grade can be produced with Cerium (reducing the PrNd concentration)

# Sintered NdFeB

REN / GEN

GRADE	Br		HcB		HcJ		BH max		Max. Working Temp.**
	G	T	Oe	kA/m	Oe	kA/m	MGOe	kJ/m <sup>3</sup>	
REN45SH	13.200 - 13.700	1,32 - 1,37	≥ 12,4	≥ 987	≥ 20	≥ 1.592	42 - 47	334 - 374	150
REN48SH	13.600 - 14.100	1,36 - 1,41	≥ 12,7	≥ 1.011	≥ 19	≥ 1.512	45 - 50	358 - 398	150
REN50SH	13.900 - 14.300	1,39 - 1,43	≥ 13,0	≥ 1.035	≥ 19	≥ 1.512	47 - 52	374 - 414	150
REN33SH-B	11.400 - 12.000	1,14 - 1,20	≥ 10,7	≥ 851	≥ 22	≥ 1.751	31 - 36	247 - 287	160
REN35SH-B	11.800 - 12.400	1,18 - 1,24	≥ 11,1	≥ 883	≥ 22	≥ 1.751	33 - 38	263 - 302	160
REN38SH-B	12.300 - 12.900	1,23 - 1,29	≥ 11,6	≥ 923	≥ 22	≥ 1.751	36 - 41	287 - 326	160
REN40SH-B	12.600 - 13.200	1,26 - 1,32	≥ 11,8	≥ 939	≥ 22	≥ 1.751	38 - 43	302 - 342	160
REN42SH-B	12.800 - 13.400	1,28 - 1,34	≥ 12,0	≥ 955	≥ 22	≥ 1.751	39 - 44	310 - 350	160
REN45SH-B	13.200 - 13.700	1,32 - 1,37	≥ 12,4	≥ 987	≥ 22	≥ 1.751	42 - 47	334 - 374	160
REN48SH-B	13.600 - 14.000	1,36 - 1,40	≥ 12,7	≥ 1.011	≥ 22	≥ 1.751	45 - 50	358 - 398	160
REN30UH	10.900 - 11.500	1,09 - 1,15	≥ 10,2	≥ 812	≥ 25	≥ 1.990	28 - 33	223 - 263	180
REN33UH	11.400 - 12.000	1,14 - 1,20	≥ 10,8	≥ 859	≥ 25	≥ 1.990	31 - 36	247 - 287	180
REN35UH	11.800 - 12.400	1,18 - 1,24	≥ 11,2	≥ 891	≥ 25	≥ 1.990	33 - 38	263 - 302	180
REN38UH	12.200 - 12.800	1,22 - 1,28	≥ 11,6	≥ 923	≥ 25	≥ 1.990	36 - 41	287 - 326	180
REN40UH	12.600 - 13.200	1,26 - 1,32	≥ 12,0	≥ 955	≥ 25	≥ 1.990	38 - 43	302 - 342	180
REN42UH	12.800 - 13.400	1,28 - 1,34	≥ 12,2	≥ 971	≥ 25	≥ 1.990	39 - 44	310 - 350	180
REN45UH	13.200 - 13.700	1,32 - 1,37	≥ 12,4	≥ 987	≥ 25	≥ 1.990	42 - 47	334 - 374	180
REN30UH-B	10.900 - 11.500	1,09 - 1,15	≥ 10,2	≥ 812	≥ 27	≥ 2.149	28 - 33	223 - 263	190
REN33UH-B	11.400 - 12.000	1,14 - 1,20	≥ 10,8	≥ 859	≥ 27	≥ 2.149	31 - 36	247 - 287	190
REN35UH-B	11.800 - 12.400	1,18 - 1,24	≥ 11,2	≥ 891	≥ 27	≥ 2.149	33 - 38	263 - 302	190
REN38UH-B	12.200 - 12.800	1,22 - 1,28	≥ 11,6	≥ 923	≥ 27	≥ 2.149	36 - 41	287 - 326	190
REN40UH-B	12.600 - 13.200	1,26 - 1,32	≥ 12,0	≥ 955	≥ 27	≥ 2.149	38 - 43	302 - 342	190
REN42UH-B	12.800 - 13.300	1,28 - 1,33	≥ 12,2	≥ 971	≥ 27	≥ 2.149	39 - 44	310 - 350	190
REN45UH-B	13.200 - 13.600	1,32 - 1,36	≥ 12,4	≥ 987	≥ 27	≥ 2.149	42 - 47	334 - 374	190
REN30EH	10.900 - 11.500	1,09 - 1,15	≥ 10,3	≥ 820	≥ 30	≥ 2.388	28 - 33	223 - 263	200
REN33EH	11.400 - 12.000	1,14 - 1,20	≥ 10,8	≥ 859	≥ 30	≥ 2.388	31 - 36	247 - 287	200
REN35EH	11.700 - 12.300	1,17 - 1,23	≥ 11,1	≥ 883	≥ 30	≥ 2.388	33 - 38	263 - 302	200
REN38EH	12.200 - 12.800	1,22 - 1,28	≥ 11,6	≥ 923	≥ 30	≥ 2.388	36 - 41	287 - 326	200
REN40EH	12.600 - 13.100	1,26 - 1,31	≥ 12,0	≥ 955	≥ 30	≥ 2.388	38 - 43	302 - 342	200
REN42EH	12.700-13.200	1,17-1,32	≥12,2	≥971	≥30	≥2388	39-44	310-350	200
REN30EH-B	10.900 - 11.500	1,09 - 1,15	≥ 10,3	≥ 820	≥ 32	≥ 2.547	28 - 33	223 - 263	210
REN33EH-B	11.400 - 12.000	1,14 - 1,20	≥ 10,8	≥ 859	≥ 32	≥ 2.547	31 - 36	247 - 287	210
REN35EH-B	11.700 - 12.300	1,17 - 1,23	≥ 11,1	≥ 883	≥ 32	≥ 2.547	33 - 38	263 - 302	210
REN38EH-B	12.200 - 12.800	1,22 - 1,28	≥ 11,6	≥ 923	≥ 32	≥ 2.547	36 - 41	287 - 326	210

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GRADE	Br		HcB		HcJ		BH max		Max. Working Temp.**
	G	T	Oe	kA/m	Oe	kA/m	MGOe	kJ/m <sup>3</sup>	
REN40EH-B	12.600 - 13.100	1,26 - 1,31	≥ 12,0	≥ 955	≥ 32	≥ 2.547	38 - 43	302 - 342	210
REN28EHS	10.500 - 11.100	1,05 - 1,11	≥ 10,0	≥ 780	≥ 35	≥ 2.786	26 - 31	207 - 247	230
REN30EHS	10.900 - 11.500	1,09 - 1,15	≥ 10,3	≥ 820	≥ 35	≥ 2.786	28 - 33	223 - 263	230
REN33EHS	11.300 - 11.900	1,13 - 1,19	≥ 10,7	≥ 852	≥ 35	≥ 2.786	31 - 36	247 - 287	230
REN35EHS	11.600 - 12.200	1,16 - 1,22	≥ 11,0	≥ 876	≥ 35	≥ 2.786	33 - 38	263 - 302	230
REN38EHS	12.200 - 12.800	1,22 - 1,28	≥ 11,6	≥ 923	≥ 34	≥ 2.706	36 - 41	287 - 326	230
REN30EHS-B	10.900 - 11.500	1,09 - 1,15	≥ 10,3	≥ 820	≥ 37	≥ 2.945	28 - 33	223 - 263	250
REN33EHS-B	11.300 - 11.900	1,13 - 1,19	≥ 10,7	≥ 852	≥ 37	≥ 2.945	31 - 36	247 - 287	250
REN35EHS-B	11.600 - 12.100	1,16 - 1,21	≥ 11,0	≥ 876	≥ 37	≥ 2.945	33 - 38	263 - 302	250

## Sintered NdFeB via GBD Process (Grain Boundary Diffusion Process)

GEN56M	14.600 - 15.000	1,46-1,50	≥12,5	≥955	≥13	≥1035	51-56	406-446	100
GEN50H	13.900 - 14.600	1,39-1,46	≥13,0	≥1035	≥16	≥1273	47-51	374-406	120
GEN52H	14.200 - 14.800	1,42-1,48	≥13,0	≥1035	≥16	≥1273	49-53	390-422	120
GEN35SH	11.800 - 12.400	1,18-1,24	≥11,1	≥883	≥20	≥1592	33-38	263-302	150
GEN38SH	12.300 - 13.000	1,23-1,30	≥11,6	≥923	≥20	≥1592	36-41	287-326	150
GEN40SH	12.600 - 13.200	1,26-1,32	≥11,8	≥939	≥20	≥1592	38-43	302-342	150
GEN42SH	12.800 - 13.400	1,28-1,34	≥12,0	≥955	≥20	≥1592	39-44	310-350	150
GEN45SH	13.200 - 13.800	1,32-1,38	≥12,4	≥987	≥20	≥1592	42-47	334-374	150
GEN48SH	13.600 - 14.100	1,36-1,41	≥12,7	≥1011	≥20	≥1592	45-50	358-374	150
GEN50SH	13.800 - 14.300	1,38 - 1,43	≥ 13,0	≥ 1.035	≥ 20	≥ 1.592	46 - 50	366 - 398	150
GEN52SH	14.200 - 14.600	1,42 - 1,46	≥ 13,2	≥ 1.050	≥ 20	≥ 1.592	48 - 52	382 - 414	150
GEN54SH	14.400 - 14.900	1,44-1,49	≥13,5	≥1075	≥20	≥1592	50-55	398-438	150
GEN35SH-B	11.800 - 12.400	1,18-1,24	≥11,1	≥884	≥22	≥1751	33-38	263-302	160
GEN38SH-B	12.300 - 13.000	1,23-1,30	≥11,6	≥923	≥22	≥1751	36-41	287-326	160
GEN40SH-B	12.600 - 13.200	1,26-1,32	≥11,9	≥947	≥22	≥1751	38-43	302-342	160
GEN42SH-B	12.800 - 13.400	1,28-1,34	≥12,2	≥971	≥22	≥1751	39-44	310-350	160
GEN45SH-B	13.200 - 13.800	1,32-1,38	≥12,6	≥1003	≥22	≥1751	42-47	334-374	160
GEN48SH-B	13.600 - 14.100	1,36-1,41	≥12,9	≥1031	≥22	≥1751	45-50	358-374	160
GEN50SH-B	13.800 - 14.300	1,38 - 1,43	≥ 13,0	≥ 1.035	≥ 22	≥ 1.751	46 - 50	366 - 398	160
GEN52SH-B	14.100 - 14.500	1,41 - 1,45	≥ 13,2	≥ 1.050	≥ 22	≥ 1.751	48 - 51	382 - 406	160
GEN30UH	10.900 - 11.500	1,09-1,15	≥10,2	≥812	≥25	≥1990	28-33	223-263	180
GEN33UH	11.400 - 12.200	1,14-1,22	≥10,8	≥859	≥25	≥1990	31-36	247-287	180
GEN35UH	11.800 - 12.500	1,18-1,25	≥11,2	≥891	≥25	≥1990	33-38	263-302	180

The grade can be produced with Cerium (reducing the PrNd concentration)

# Sintered NdFeB

REN / GEN

GRADE	Br		HcB		HcJ		BH max		Max. Working Temp.**
	G	T	Oe	kA/m	Oe	kA/m	MGOe	kJ/m <sup>3</sup>	
GEN38UH	12.200 - 12.800	1.22-1.28	≥11.6	≥923	≥25	≥1990	36-41	286-326	180
GEN40UH	12.600 - 13.200	1.26-1.32	≥12	≥955	≥25	≥1990	38-43	302-342	180
GEN42UH	12.800 - 13.400	1.28-1.34	≥12.2	≥971	≥25	≥1990	39-44	310-350	180
GEN45UH	13.200 - 13.800	1.32-1.38	≥12.4	≥987	≥25	≥1990	42-47	334-374	180
GEN48UH	13.500 - 14.000	1.35 - 1.40	≥ 12.7	≥ 1.011	≥ 25	≥ 1.990	44 - 48	350 - 382	180
GEN50UH	13.800 - 14.300	1.38 - 1.43	≥ 13.0	≥ 1.035	≥ 25	≥ 1.990	46 - 50	366 - 398	180
GEN52UH	14.100 - 14.700	1.41-1.47	≥13.2	≥1050	≥25	≥1990	48-52	382-414	180
GEN54UH	14.400 - 14.700	1.44-1.47	≥13.7	≥1092	≥25	≥1990	51-54	408-430	180
GEN30UH-B	10.900 - 11.500	1.09-1.15	≥10.7	≥852	≥27	≥2149	28-33	223-263	190
GEN33UH-B	11.400 - 12.200	1.14-1.22	≥10.8	≥860	≥27	≥2149	31-36	247-287	190
GEN35UH-B	11.800 - 12.500	1.18-1.25	≥11.1	≥884	≥27	≥2149	33-38	263-302	190
GEN38UH-B	12.200 - 12.800	1.22-1.28	≥11.6	≥923	≥27	≥2149	36-41	286-326	190
GEN40UH-B	12.600 - 13.200	1.26-1.32	≥11.9	≥947	≥27	≥2149	38-43	302-342	190
GEN42UH-B	12.800 - 13.400	1.28-1.34	≥12.2	≥971	≥27	≥2149	39-44	310-350	190
GEN45UH-B	13.200 - 13.700	1.32 - 1.37	≥ 12.4	≥ 987	≥ 27	≥ 2.149	42 - 46	334 - 366	190
GEN48UH-B	13.500 - 14.000	1.35 - 1.40	≥ 12.7	≥ 1.011	≥ 27	≥ 2.149	44 - 48	350 - 382	190
GEN50UH-B	13.800 - 14.300	1.38-1.43	≥13.0	≥1035	≥27	≥2149	46-50	366-398	190
GEN30EH	10.900 - 11.500	1.09-1.15	≥10.3	≥820	≥30	≥2388	28-33	223-263	200
GEN33EH	11.400 - 12.000	1.14-1.20	≥10.8	≥859	≥30	≥2388	31-36	247-287	200
GEN35EH	11.700 - 12.300	1.17-1.23	≥11.1	≥883	≥30	≥2388	33-38	263-302	200
GEN38EH	12.200 - 12.800	1.22-1.28	≥11.6	≥923	≥30	≥2388	36-41	287-326	200
GEN40EH	12.600 - 13.100	1.26-1.31	≥11.9	≥947	≥30	≥2388	38-43	302-342	200
GEN42EH	12.700 - 13.200	1.17-1.32	≥12.2	≥971	≥30	≥2388	39-44	310-350	200
GEN45EH	13.200 - 13.800	1.32-1.38	≥12.4	≥987	≥30	≥2388	42-47	334-374	200
GEN48EH	13.500 - 14.000	1.35-1.40	≥12.7	≥1011	≥30	≥2388	44-48	350-382	200
GEN50EH	13.800 - 14.300	1.38-1.43	≥13.0	≥1035	≥30	≥2388	46-50	366-398	200
GEN30EH-B	10.900 - 11.500	1.09-1.15	≥10.3	≥820	≥32	≥2547	28-33	223-263	210
GEN33EH-B	11.400 - 12.000	1.14-1.20	≥10.8	≥859	≥32	≥2547	31-36	247-287	210
GEN35EH-B	11.700 - 12.300	1.17-1.23	≥11.1	≥883	≥32	≥2547	33-38	263-302	210
GEN38EH-B	12.200 - 12.800	1.22-1.28	≥11.6	≥923	≥32	≥2547	36-41	287-326	210
GEN40EH-B	12.600 - 13.100	1.26-1.31	≥11.9	≥947	≥32	≥2547	38-43	302-342	210
GEN42EH-B	12.700 - 13.200	1.27 - 1.32	≥ 12.0	≥ 955	≥ 32	≥ 2.547	39 - 43	310 - 342	210
GEN45EH-B	13.200 - 13.600	1.32 - 1.36	≥ 12.4	≥ 987	≥ 32	≥ 2.547	42 - 46	334 - 358	210
GEN48EH-B	13.500 - 14.000	1.35-1.40	≥12.7	≥1011	≥32	≥2547	44-48	350-382	210

The grade can be produced with Cerium (reducing the PrNd concentration)

# Sintered NdFeB

REN / GEN

GRADE	Br		HcB		HcJ		BH max		Max. Working Temp.** °C
	G	T	Oe	kA/m	Oe	kA/m	MGOe	kJ/m <sup>3</sup>	
GEN28EHS	10.500 - 11.100	1.05-1.11	≥10.0	≥796	≥35	≥2786	26-31	207-247	230
GEN30EHS	10.900 - 11.500	1.09-1.15	≥10.3	≥820	≥35	≥2786	28-33	223-263	230
GEN33EHS	11.300 - 11.900	1.13-1.19	≥10.7	≥852	≥35	≥2786	31-36	247-287	230
GEN35EHS	11.600 - 12.200	1.16-1.22	≥11.0	≥876	≥35	≥2786	33-38	263-302	230
GEN38EHS	12.200 - 12.800	1.22-1.28	≥11.6	≥923	≥35	≥2786	36-41	287-326	230
GEN40EHS	12.500 - 13.000	1.25 - 1.30	≥ 12.0	≥ 955	≥ 35	≥ 2.786	38 - 42	302 - 334	230
GEN45EHS	13.200 - 13.800	1.32-1.38	≥12.4	≥987	≥35	≥2786	42-47	334-374	230
GEN30EHS-B	10.900 - 11.500	1.09-1.15	≥10.3	≥820	≥40	≥3182	28-33	223-263	240
GEN33EHS-B	11.300 - 11.900	1.13-1.19	≥10.7	≥852	≥40	≥3182	31-36	247-287	240
GEN35EHS-B	11.600 - 12.200	1.16-1.22	≥11.0	≥876	≥40	≥3182	33-38	263-302	240
GEN38EHS-B	12.100 - 12.600	1.21 - 1.26	≥ 11,8	≥ 939	≥ 37	≥ 2.945	36 - 40	286 - 318	240
GEN40EHS-B	12.500 - 13.000	1.25 - 1.30	≥ 12.0	≥ 955	≥ 37	≥ 2.945	38 - 42	302 - 334	240
GEN42EHS-B	12.700 - 13.200	1.17-1.32	≥12.2	≥971	≥40	≥3182	39-44	310-350	240