



Qualitätsbericht und Hysteresekurve
Inspection Report And Hysteresis Curve

R-15x05x05-Nd-Ni-dia

Date: 2024-04-17

Report No.:	202404-00169										Order No.:	HCP24026												
Order Quantity:	130										Drawing No.:	N/A												
Sample Quantity:	10										Magnetic Grade:	N42												
Dimension Inspection																								
Project	Tolerance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Min	Max	Avg
D(mm)	15+/-0.1	14.99	14.99	14.98	15.00	14.99	15.00	14.99	15.00	14.98	14.99											14.98	15.00	14.99
d(mm)	5+/-0.1	5.02	5.00	5.02	5.04	5.02	5.00	5.04	5.00	5.02	5.00											5.00	5.04	5.02
H(mm)	5+/-0.1	5.00	5.00	4.99	4.99	5.02	4.99	4.99	5.00	4.96	4.98											4.96	5.02	4.99
N pole (Gs)		5770	5830	5770	5800	5810	5830	5850	5770	5820	5800											5770	5850	5805
S pole (Gs)		5630	5810	5520	5720	5770	5820	5750	5770	5840	5780											5520	5840	5741
Flux(mWb)		9.15	9.1	9.07	9.2	9.17	9.16	9.17	9.13	9.12	9.17											9.070	9.200	9.144
Br(kGs)	12.8-13.4	13.048																				13.05	13.05	13.05
Hcb(kOe)	≥11.6	11.797																				11.80	11.80	11.80
Hcj(kOe)	≥12	12.337																				12.34	12.34	12.34
Bhmax (MGOe)	40-43	41.327																				41.33	41.33	41.33
Dimension Inspection Result:	PASS																							
Remark: CT-0020 XQ-009 100 diametrically magnetized Visual inspection 0=OK 1=NG																								

