

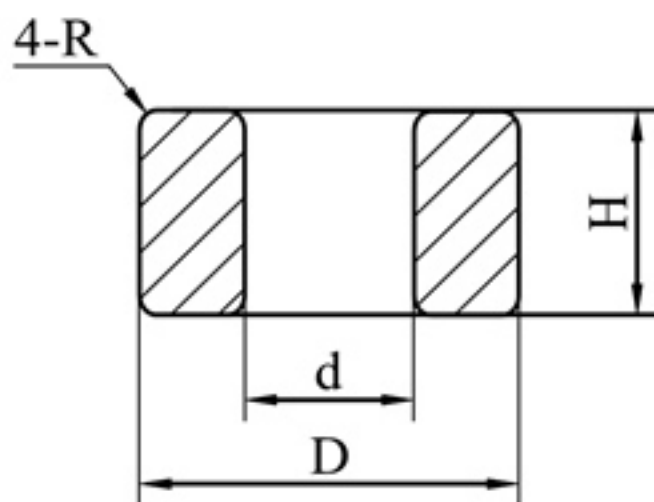


铁硅磁粉芯

特性		主要用途
材料成分	6.5%的硅铁粉末	功率因数校正电感 新能源(风能 能/混合动力)逆变器 不间断电源UPS等
饱和磁通密度	16000Gs	
损耗	磁芯损耗高于铁硅铝低于铁粉芯	
直流偏磁能力	直流偏磁能力较强	
应用频率	50Hz--2MHz	



涂层颜色：棕色



铁硅粉心电磁参数

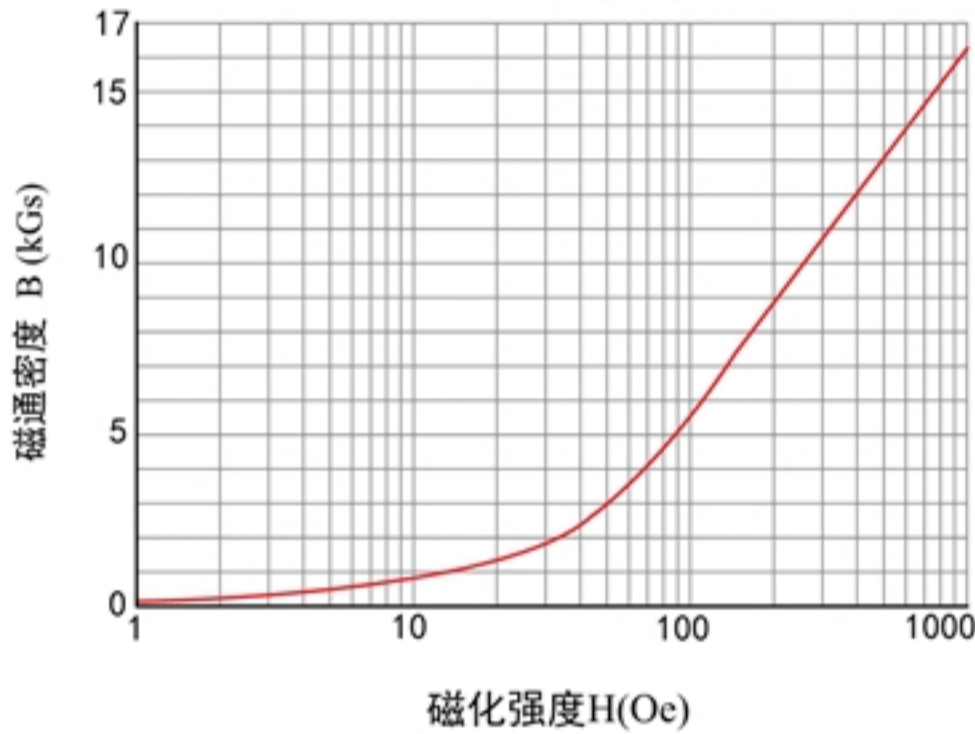
规格	AL (nH/N ²)	标准尺寸 (mm)			涂封后尺寸 (mm)			Le (cm)	Ae (cm ²)	Ve (cm ³)
		D	d	H	D(Max.)	d(Min.)	H(Max.)			
S60-127	27	12.7	7.62	4.75	13.46	6.99	5.51	3.12	0.114	0.356
S60-165	35	16.5	10.2	6.35	17.3	9.60	7.10	4.11	0.192	0.789
S60-173	43	17.3	9.65	6.35	18.1	9.05	7.15	4.14	0.232	0.960
S60-202	32	20.3	12.7	6.35	21.1	12.1	7.15	5.09	0.226	1.150
S60-229	43	22.9	14.0	7.62	23.7	13.4	8.42	5.67	0.331	1.880
S60-229A	53	22.9	14.0	9.53	23.7	13.4	10.3	5.67	0.413	2.350
S60-236	51	23.6	14.4	8.89	24.3	13.8	9.60	5.88	0.388	2.280
S60-269	75	26.9	14.7	11.2	27.7	14.1	12.0	6.35	0.654	4.150
S60-330	61	33.0	19.9	10.7	33.8	19.3	11.5	8.15	0.672	5.48
S60-360	56	35.8	22.4	10.5	36.6	21.8	11.3	8.98	0.678	6.088
S60-399	81	39.9	24.1	14.5	40.8	23.3	15.4	9.84	1.072	10.50
S60-467	135	46.7	24.1	18.0	47.6	23.3	18.9	10.74	1.990	21.30
S60-467A	86	46.7	28.7	15.2	47.6	27.9	16.13	11.63	1.340	15.60
S60-508	73	50.8	31.8	13.5	51.7	31.0	14.4	12.73	1.251	15.93
S60-572	75	57.2	35.6	14.0	58.1	34.8	14.9	14.30	1.444	20.70
S60-572A	140	57.2	35.6	28.0	58.1	34.8	28.9	14.30	2.889	41.30
S60-572B	138	57.2	26.4	15.2	58.1	25.6	16.1	12.5	2.29	28.6
S60-635	192	63.5	31.8	25.4	64.7	30.8	26.6	15.0	3.84	57.4
S60-778	68	77.8	49.2	12.7	78.9	48.2	13.84	20.0	1.77	34.7
S60-778A	136	77.8	49.2	25.4	78.9	48.2	27.7	20.0	3.55	69.5
S60-778B	85	77.8	49.2	15.9	78.9	48.2	17.02	20.0	2.27	45.3
S60-1020	112	102.0	57.2	16.5	102.9	55.7	517.78	24.3	3.52	85.5
S60-1320	124	132.0	78.2	20.3	133.2	77.00	21.60	33.1	5.34	173.4
S60-1320A	156	132.0	78.2	25.4	133.2	77.00	27.70	33.1	6.71	217.5

注：S60-127至S60-229的AL值公差范围为±12%，S60-229A至S60-1300的AL值公差范围为±8%。

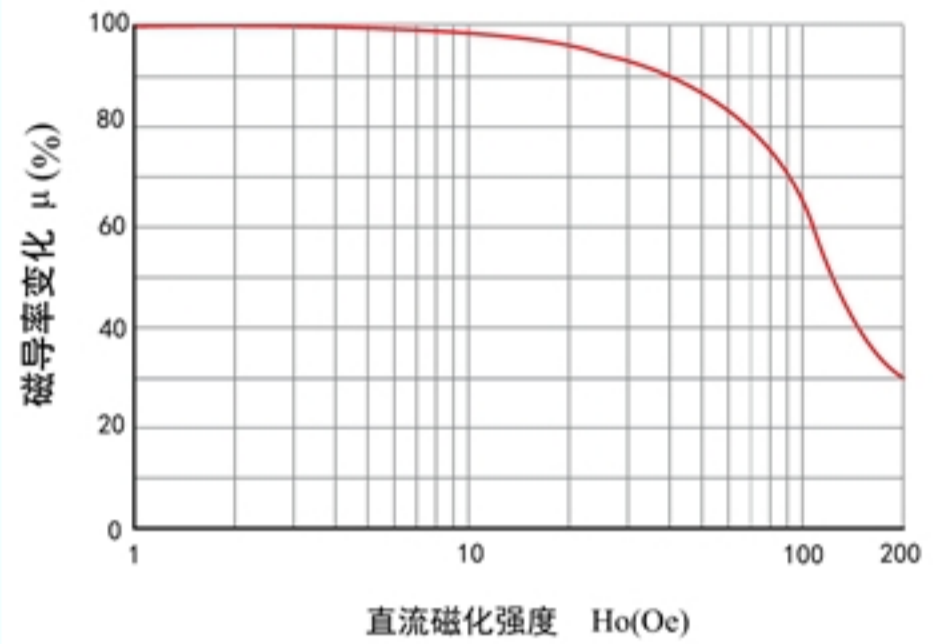
Magnetic powder cores 金属磁粉心

铁硅粉心曲线图

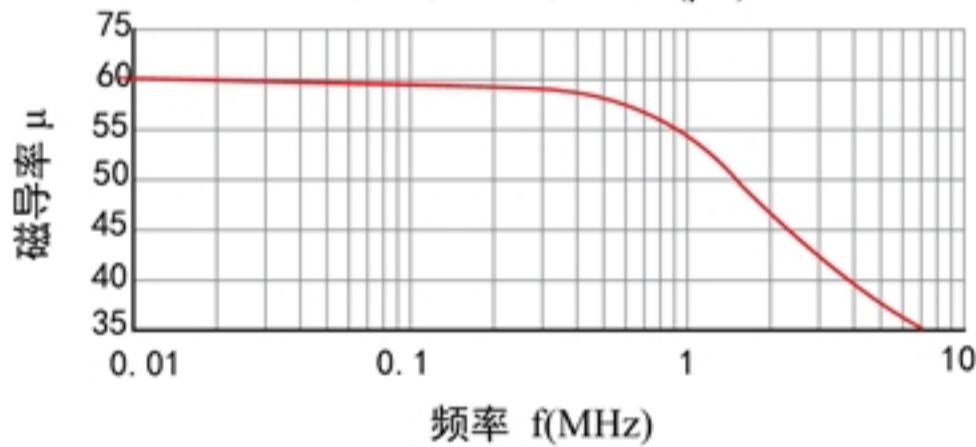
磁化曲线(B-H)



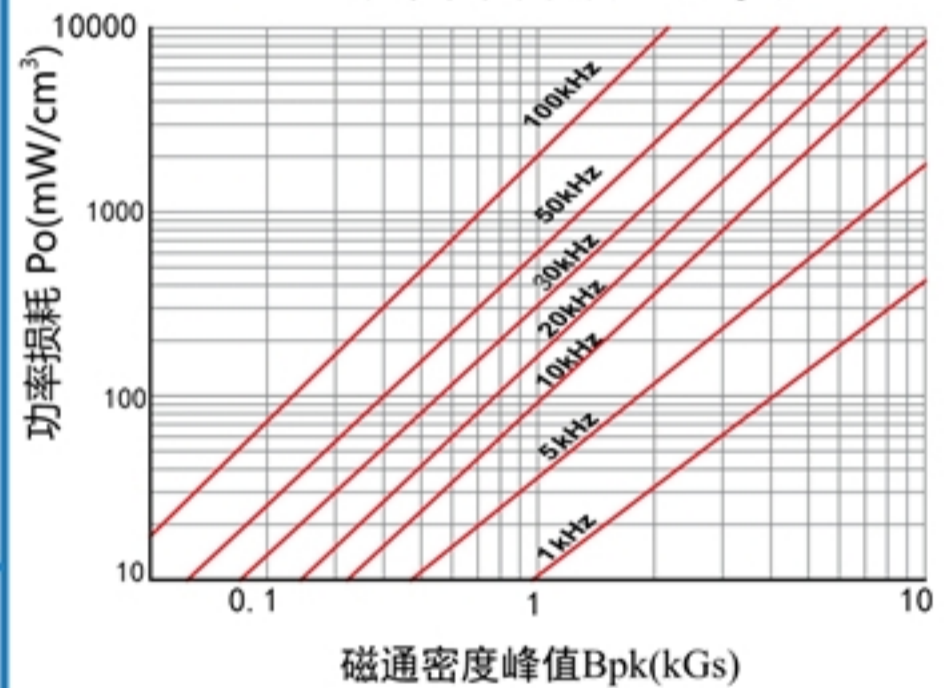
磁导率直流偏磁曲线 ($\mu-H_0$)



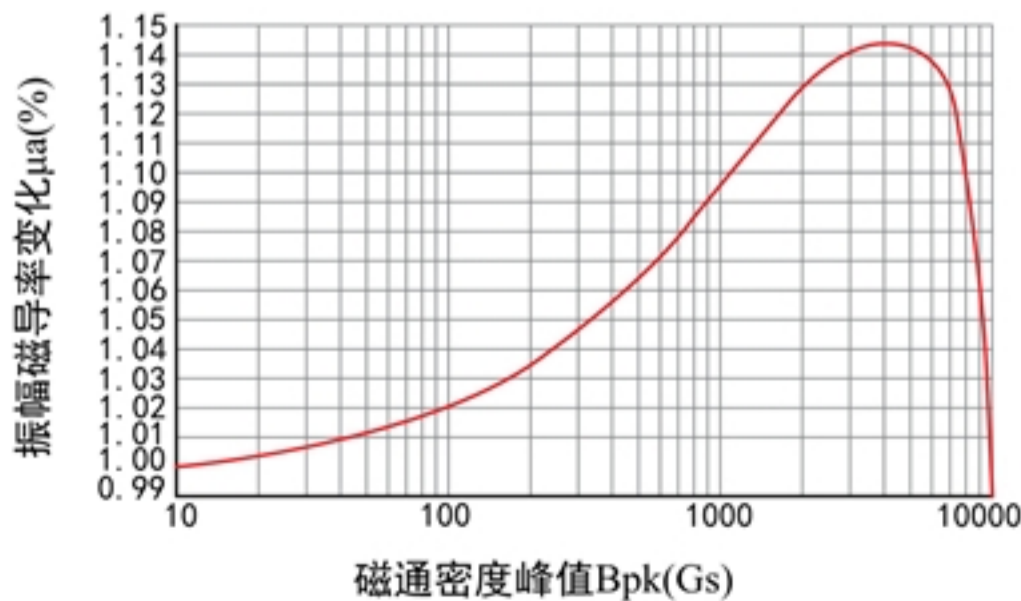
磁导率—频率曲线 ($\mu-f$)



功率损耗曲线 ($P_o-f \& B_{pk}$)



振幅磁导率—磁通密度峰值曲线 ($\mu a-B_{pk}$)



磁导率—温度曲线 ($\mu-T$)

