

Magnets are listed by magnet manufacturer and may be used in all chassis adhering to class rules

"HOPRA Approved" Compression Molded Polymer Magnets

The gauss reading taken on the bottom surface of the traction or motor magnet shall not exceed the following criteria. This is taken after 5 min cool down period and at the lowest point on each magnet as it runs parallel to the rail. TRACTION: 1680 MOTOR: 1250			
Manufacturer	Part #	Description	Gauss Reading (Year Submitted)
BSRT	#277	G-Force C4 H-D MOTOR	1230 (2020)
	#290	G-Force C4 MOTOR	1245 (2020)
	#284	G-Force C4 TRACTION	1664 (2020)
Viper HC Slots	12000	PRO-4 MOTOR	1220 (2015)
		Viper Pro 4™ SR	1450 (2025)
SLOTTECH	12001	PRO-4 TRACTION	1600 (2015)
		#81C	G6 MOTOR (2013)
	#86C	G6 TRACTION (2013)	1630 (2013)
Wizzard	WS60	Stock Storm MOTOR	1040 (2012)
	WS61	Stock Storm TRACTION	1275 (2012)
	FS40	Fusion Level 4 Polymer Motor Magnets	1210 (2019)
	FS41	Fusion Level 4 Polymer Traction Magnets	1610 (2019)

The gauss reading taken on the bottom surface of the traction or motor magnet shall not exceed the following criteria. This is taken after 5 min cool down period and at the lowest point on each magnet as it runs parallel to the rail. TRACTION: 2300 MOTOR: 2000			
Manufacturer	Part #	Description	Gauss Reading (Year Submitted)
BSRT	#276	G-Force P10 H-D MOTOR	1988 / 1607 (2013)/(2020)
	#292	G-Force P10 MOTOR	1669 / 1430 (2013)/(2020)
	#286	G-Force P10 TRACTION	2242 / 2189 (2013) / (2020)
VIPER	12005	PRO-10 MOTOR	1715 (2015)
		PRO-10 TRACTION	2145 (2015)
	12008	PRO-10 H-D MOTOR	1650 (2020)
		PRO-10 HIGH TORQUE MOTOR	1720 (2020)
SLOTTECH	#64	"Magnet" MOTOR	1354 (2013)
	#81	G13 MOTOR	1139 (2013)
	#86	Sampson G13 TRACTION	2045 (2013)
Wizzard	MHP60	High Level Storm MOTOR	1607 (2012)
	MHP61	High Level Storm TRACTION	1545 (2012)
	MHP67	High Level Storm TRACTION	2095 (2014)
	FS70	Fusion Level 10 Polymer Motor Magnets	1430 (2019)
	FS71	Fusion Level 10 Polymer Traction Magnets	1830 / 2140 (2019) (2022)

"HOPRA Approved" Ceramic Magnets

Ceramic magnets must be within 5% of the standard set submitted. The gauss reading taken on the bottom surface of the traction or motor magnet shall not exceed the following criteria. This is taken after 5 min cool down period and at the lowest point on each magnet as it runs parallel to the rail. TRACTION: 1500 MOTOR: 1200		
Manufacturer	Description	Gauss Reading (Year Submitted)
BSRT	G3R/RS MOTOR	1190 (2020)
	G3R/RS TRACTION	1365 / 1462 (2020)
SLOTTECH	T1 TRACTION	1275
	T1 MOTOR	1122
	T2 TRACTION	1330
	T2 MOTOR	1106
	T1X TRACTION	1312
	T1X MOTOR	1043
	G TECH TRACTION	1362
Wizzard	P2 TRACTION	820
	P2 MOTOR	1480
	STORM TRACTION	1320
	STORM MOTOR	1011
	FUSION TRACTION	1277 / 1340 (2019) / (2020)
	FUSION MOTOR	1025 / 1180 (2019) / (2020)
Viper	V1 MOTOR	1160 (2020)
	V1 TRACTION	1390 (2020)

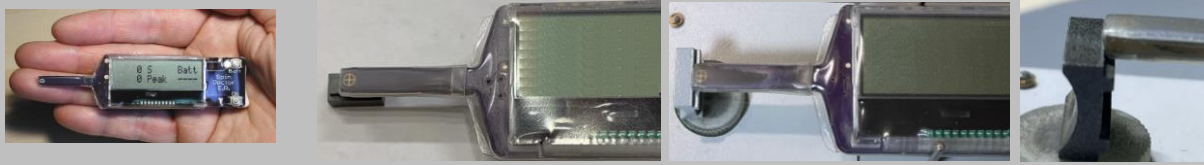
CERAMIC GRADE "Level 4"
SPEC STOCK / SPEC Racer

HIGH LEVEL GRADE "Level 10"

CERAMIC
SUPER STOCK

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Spin Doctor E.R. is the official HOPRA Gauss Meter



Hold meter's probe parallel to magnets bottom (rail side) surface to get most accurate reading. Photos show example how meter is used.