

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

"HOPRA Approved" Compression Molded Polymer Magnets

CERAMIC GRADE "Level 4"		SPEC STOCK / SPEC Racer		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		12000	PRO-4 MOTOR	1220 (2015)			
		12001	PRO-4 TRACTION	1600 (2015)			
SLOTTECH		#81C	G6 MOTOR	1180 (2013)			
		#86C	G6 TRACTION	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)			

HIGH LEVEL GRADE "Level 10"		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)	
		12006	PRO-10 TRACTION	2145 (2015)	
		12008	PRO-10 H-D MOTOR	1650 (2020)	
		12007	PRO-10 HIGH TORQUE MOTOR	1720 (2020)	
SLOTTECH		#64	"Magneto" 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		SUPER STOCK		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			
Wizzard		G TECH TRACTION	1362			
		P2 TRACTION	820			
		P2 MOTOR	1480			
		STORM TRACTION	1320			
		STORM MOTOR	1011			
Viper		FUSION TRACTION	1277 / 1340 (2019) / (2020)			
		FUSION MOTOR	1025 / 1180 (2019) / (2020)			
		V1 MOTOR	1160 (2020)			
		V1 TRACTION	1390 (2020)			

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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