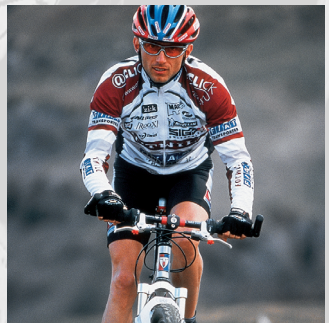
All MAGURA *rim brakes 2002* at a glance

model	tech features	deceleration (100 N applied handforce, DIN 79100 standard)	piston diameter brake lever (master) in mm	piston diameter brake cylinders in mm	weight per brake (without booster)	transmission medium	brake hose	brake lever material	color brake lever	lever blade material	color lever blade	reach adjust	other features
HS 33	fully hydraulic rim brake; closed system without expansion reservoir	4,2 m/s²	14	2 x 14	395 grams	MAGURA Blood mineral oil	nylon, easily shortened	aluminium	silver, red, race-line yellow, SID-blue and matt black	forged alloy	HS 33 silver, SID blue and black: silver HS 33 Race-line and red: black	yes	TPA (on-the fly toolless pad wear adjustment)
HS 33 FIRM-tech	dito	4,2 m/s²	14	2 x 14	only brake 272 grams	dito	nylon, easily shortened	aluminium	only silver	forged alloy	silver	yes	TPA (see above), separate adjustment screws for different rim widths integrated in brake cylinders; double quick release
HS 11	dito	3,9 m/s²	16	2 x 14	360 grams	dito	nylon, easily shortened	composite	matt black	forged alloy	black	no	pad wear adjustment with Allen key no. 4
HS 66	dito	3,9 m/s²	16	2 x 14	425 grams	dito	nylon, easily shortened	aluminium	matt black	forged alloy	silver	yes	pad wear adjustment with Allen key no. 2







All specifications are subject to change without notice!