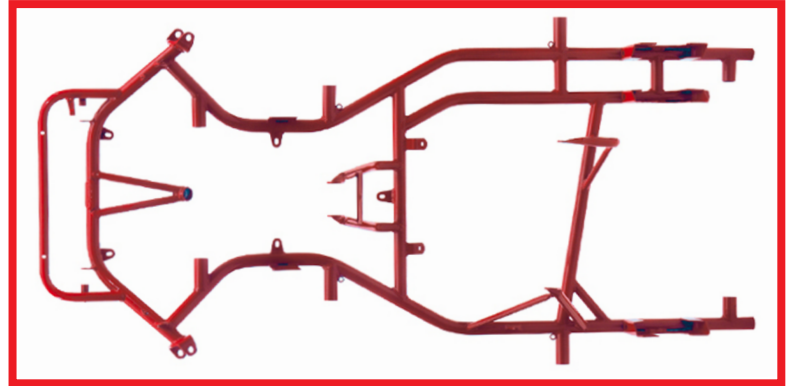


BIRELAR28/CHASSISBASELINE SHEET

The Birel AR28 has been a dominant Junior Sportsman kart for years with revisions of the kart winning on the local, regional and national level for nearly a decade. Below you will find baselines for the AR28"cx", AR28"z" and AR28"rx/usa" models.



CATEGORY:

- Yamaha Junior Sportsman
- HPV Junior Sportsman

BASELINE SETTINGS:

The following baseline information is a good starting point. Please note that our baseline is set with the materials/accessories listed. If you deviate from the baseline using different accessories, your set-up will vary due to these variables.

	AR28cx ('07 & older)	AR28z ('07-'09)	AR28rx/USA (2010)
Front Hubs:	n/a (direct mount)	n/a (direct mount)	n/a (direct mount)
Wheels:	Douglas 5" spun AL or 130mm Mag	Douglas 5" spun AL or 130mm Mag	Douglas 5" spun AL or 130mm Mag
Front Width:	2 Thick / 1 Thin Spacer	2 Thick / 1 Thin Spacer	2 Thick / 1 Thin Spacer
Toe:	2mm out	2mm out	2mm out
Camber:	0 to +/- 2mm	0 to +/- 2mm	0 to +/- 2mm
Caster:	0-degree pills	0-degree pills	0-degree pills
Torsion Bar:	Out	Out	Out
Ride Height:	Middle	Middle	Middle
Wheelbase:	n/a	Middle (102 cm)	n/a
Axle:	30x2.5x1040mm "F"	30x2.5x1040mm "F"	30x2.5x1040mm "F"
Axle Position:	n/a	Axle Down	Middle
Hubs:	30 x 35mm Freeline	30 x 35mm Freeline	30 x 35mm Freeline
Rear Width:	47.25"	47.25"	47.25"
Wheels:	Douglas 5.125" spun AL or 130mm Mag	Douglas 5.125" spun AL or 130mm Mag	Douglas 5.125" spun AL or 130mm Mag
Third Bearing:	Out	Out	Out
Side Rail:	n/a	n/a	n/a
Seat Struts:	None	None	None
SUGGESTED TIRE PRESSURES:			
B-stone YJC	13	13	13
MG Red	14	14	14

Tire compounds vary as do the "cold" starting pressures. These are suggested starting pressures based on class and compound. You will want to look for 2.5 - 3 lbs. of growth in air pressure.

For specific questions - you may access the MRP Customer Discussion Forum and request specific questions regarding Birel & Freeline chassis/parts at www.mrpmotorsport.com or www.GoBirel.com