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RF46101

RT Series 40 Ratchet

Orbit Block™

Single, Auto

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FEATURES

- Up to 14:1 holding power - highest available!
- Smooth easing of sheets
- Fully Automatic load sensing ratchet engagement
- Easily fitted and securely retained Dyneema® link head

Sheave Ø	40 mm
Max. Rope Ø	9 mm
Max. Cable Ø	- mm
Pin Ø	- mm
M.W.L.	175 kg
B. L.	500 kg
Weight	35 g

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PRODUCT INFORMATION

Automatic and manual ratchet options

Now you can enjoy the flexibility of setting up your fitout exactly to suit yourself. Ronstan is the only company that offers a 40mm ratchet block with both auto and manual engagement models*

With automatic models, the ratchet mechanism engages when load is applied, but switches off when it's released. This lets the sheet run out smoothly and freely-great for rapid easing of the sheet and for gybing asymmetric spinnakers.

Manual modes allow the ratchet mechanism to be switched on or off as required. This is the preferred mainsheet set-up for many top sailors.

* Selected Series 40 models.

Awesome ratchet block holding power

Quite simply, Ronstan Ratchet Orbit Blocks™ have the highest holding power available. The sophisticated NC-machined sheave features Generation 2 of our patented sheave cross-hole geometry. The Series 40 delivers up to 14:1 holding power, almost double that of our nearest competitor.

The unique sheave design has 8 gripping faces which directly resist loaded line movement. Traditional designs have an angled resistance to line movement. Our Generation 2 design has straight resistance faces which both distribute the load and minimise rope wear. These faces are offset from the radial line, to draw the rope down into the gripping area when under load.

Simple and secure attachment

The Dyneema® Link is easily fitted and is retained securely by a moulded retainer clip. The flexible link can be left with one end attached to the block when fitting - no more lost shackle pins.

The system is compatible with Dyneema®/Spectra® strops, webbing and carbon connection points - much more so than steel loop tops or shackles.

Smooth easing of sheets

With auto models the sheet runs out smoothly and freely as soon as the ratchet mechanism disengages. When engaged, and with manual models, the sheave cross - hole geometry eliminates the 'shuddering' ease-out that you can expect from traditional v-groove ratchet blocks.

Low profile stand-up kit allows 0° or 90° alignment

Stand-up kits feature a clatter-free rubber boot. You can attach the Dyneema® link so that the block is aligned with the stand-up base or across it. It's a neat low-profile solution which allows full articulation.

User Instructions

For comprehensive user instructions, spare part tables, fastener sizes, etc see [BB & RT OrbitBlock™ User Instructions](#) (English), [BB & RT OrbitBlock™ User Instructions](#) (French), [BB & RT OrbitBlock™ User Instructions](#) (German)

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APPLICATIONS

- Dinghy mainsheet systems
- Mainsheet fine tune systems on sportsboats & small keel boats
- Mainsheet systems on sportsboats using RF7 mainsheet swivel cleat unit
- Spinnaker and job sheets on dinghies - especially modern asymmetric classes
- Control line applications on larger yachts


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MATERIALS

- Sheave: Hard anodised Aluminium
- Ball Bearings: High compression strength carbon black Acetal
- Frame/Cheeks: Toughened, glass fibre reinforced Nylon
- Rope Link: UV stabilised, multi-strand impregnated SK75 Dyneema®

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RELATED ITEMS

	Product No.	Description
	RF4 >	Cleat Bases, Swivel shackle base,
	RF40001 >	BB & RT Orbit Block™ Accessories, , Retainer clip, S40 BB & RT single & fiddle Orbit Blocks™,
	RF2454 >	BB & RT Orbit Block™ Accessories, , Stand-up base, suits S40 BB & RT Orbit Blocks™,
	RF9003-07 >	BB & RT Orbit Block™ Accessories, , Dyneema® Link, S40 BB & RT single & fiddle, S30 BB double & triple Orbit Blocks™, Ø3mm x ID 70mm,
	RF7 >	Cleat Bases, Ball bearing swivelling cleat base,

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