



RF189100



RF189110

**FEATURES**

- ▶ Exceptionally high strength-to-weight ratio.
- ▶ Captive ball bearings for side thrust loads require no side retainer plates, reducing weight and providing a wider bearing surface for the Torlon® needle rollers.
- ▶ Side cheeks incorporating head structure and hub are precision machined as a single part from solid alloy, leaving material only where it contributes to the load carrying capacity of the block and eliminating the need for additional fasteners.
- ▶ Head posts of swivel blocks can be locked at 0 or 90 degrees.

- ▶ Removable becket pin allows lines to be spliced prior to fitting.

**APPLICATIONS**

- ▶ Mainsheet and genoa sheet systems on boats to 28m (92').
- ▶ Spinnaker systems, halyards on boats to 31m (102').
- ▶ Running backstay systems on fractionally rigged boats to 23m (75') or 28m (92') masthead.

**MATERIALS**

- ▶ Fully machined Alloy cheek plates.
- ▶ Alloy sheaves with captive ball races.
- ▶ Torlon® needle rollers.
- ▶ Torlon® ball bearings.
- ▶ Grade 17-4PH stainless steel head post and forged shackle.

PRODUCT No.	DESCRIPTION	SHEAVE DIAM.		MAX. ROPE		PIN DIAM.		M.W.L.		B.L.		WEIGHT	
		mm	(in.)	mm	(in.)	mm	(in.)	kg	(lb)	kg	(lb)	g	(oz)
ORbit													
RF189100	Single block	180	(7)	22	(7/8)	16	(5/8)	9750	(21500)	19500	(42990)	2530	(89.2)
RF189110	Single block, becket	180	(7)	22	(7/8)	16	(5/8)	9750	(21500)	19500	(42990)	2690	(94.9)



**FEATURES**

- ▶ Webbing blocks can be used in applications where swivel head and shackle attachment is not required, to achieve further weight savings.
- ▶ Halyard blocks have a removable pin for attachment to deck padeyes or the mast collar, providing a low lead aft to organisers or winches.
- ▶ Foot block base plate and hub section is machined in one piece from a single block of alloy, for maximum integrity, with mounting bolts seated within the base plate and hub to minimise bending loads and prevent “racking over” of the block.
- ▶ Foot block cover plate can be removed for service access without removing the bolts that secure the block to the deck.

PRODUCT No.	DESCRIPTION	SHEAVE DIAM.		MAX. ROPE		PIN DIAM.		M.W.L.		B.L.		WEIGHT	
		mm	(in.)	mm	(in.)	mm	(in.)	kg	(lb)	kg	(lb)	g	(oz)
<b>OR</b> Orbit													
RF189000	Sheave with balls & rollers	180	(7)	22	(7/8)	-	-	-	-	-	-	730	(25.7)
RF189107	Webbing block	180	(7)	22	(7/8)	-	-	9750	(21500)	19500	(42990)	1830	(64.5)
RF189108	Halyard block	180	(7)	22	(7/8)	25	(1)	9750	(21500)	19500	(42990)	1835	(64.7)
RF189151	Foot block, single	180	(7)	22	(7/8)	-	-	9750	(21500)	19500	(42990)	2075	(73.2)
RF189251	Foot block, double	180	(7)	22	(7/8)	-	-	9750*	(21500)*	19500*	(42990)*	3710	(130.9)

\* Total block load. Maximum load on top sheave not to exceed 50% of total block load.



**FEATURES**

- ▶ Runner blocks, available in fixed head and swivel versions, have a unique cheek shape and guide rollers to help keep the line engaged with the sheave.
- ▶ Shape and edge radii of central hole in hub are compatible with webbing fail-safe straps.

**APPLICATIONS**

- ▶ Mainsheet and genoa sheet systems on boats to 28m (92').
- ▶ Spinnaker systems, halyards on boats to 31m (102').
- ▶ Running backstay systems on fractionally rigged boats to 23m (75') or 28m (92') masthead.

PRODUCT No.	DESCRIPTION	SHEAVE DIAM.		MAX. ROPE		PIN DIAM.		M.W.L.		B.L.		WEIGHT	
		mm	(in.)	mm	(in.)	mm	(in.)	kg	(lb)	kg	(lb)	g	(oz)
ORbit													
RF189100R	Lower runner block	180	(7)	22	(7/8)	16	(5/8)	9750	(21500)	19500	(42990)	2605	(91.9)
RF189108R	Runner block	180	(7)	22	(7/8)	25	(1)	9750	(21500)	19500	(42990)	1898	(66.9)
RF189118R	Runner block, becket	180	(7)	22	(7/8)	25	(1)	9750	(21500)	19500	(42990)	2080	(73.4)