

### Protexit™ Blocks

USA – Tel: (+01) 262-691-3320 • Web: [www.harken.com](http://www.harken.com) • Email: [harken@harken.com](mailto:harken@harken.com)  
Italy – Tel: (+39) 031.3523511 • Web: [www.harken.it](http://www.harken.it) • Email: [techservice@harken.it](mailto:techservice@harken.it)



**WARNING!** Strictly follow all instructions to avoid an accident, damage to your vessel, personal injury, or death. See [www.harken.com/manuals](http://www.harken.com/manuals) for additional safety information.

### Features

**Strong, durable unibody top/side plates** - hardcoat-anodized forged aluminum.

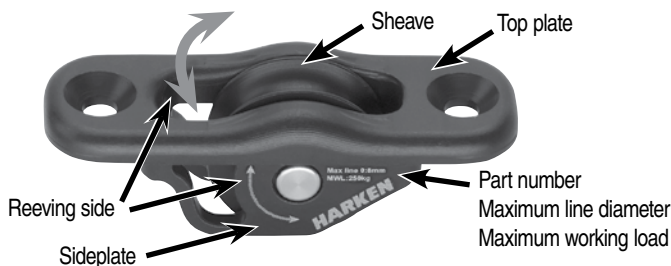
**Sculpted top plate** - protects sheave and sheds line.

**Tough sheaves** - machined from hardcoat-anodized solid aluminum.

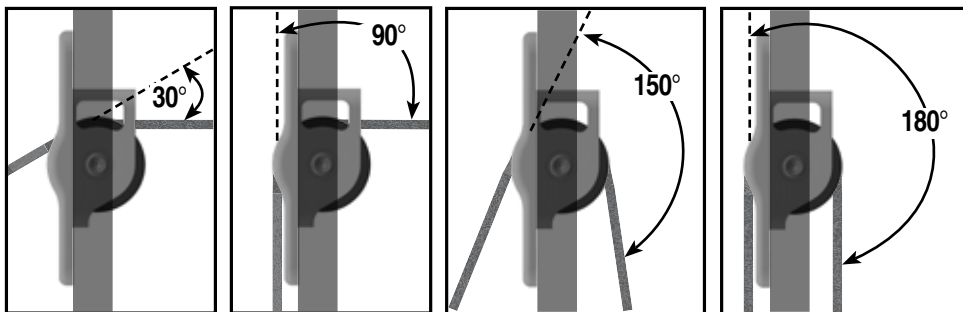
**Proven bearing system** - composite sleeve bearing with sideload ball bearings.

**High load drop-in replacement** - 30 mm blocks replace Bullet™ blocks. Larger blocks fit common cutout and hole spacing allowing easy replacement.

### Terms



### Block Loading vs Angle of Deflection



Block load increases when the line turns at a greater angle. Block loads double when the line turns 180°. If there is 400 kg (880 lb) on the line and the angle of deflection is 180°, the Harken through-deck block is subject to 800 kg (1760 lb). Select blocks carefully. See specification chart on next page.

Angle of deflection	Load factor	Angle of deflection	Load factor	Angle of deflection	Load factor
30°	52%	90°	141%	150°	193%
45°	76%	105°	159%	160°	197%
60°	100%	120°	173%	180°	200%
75°	122%	135°	185%	—	—

## Specifications

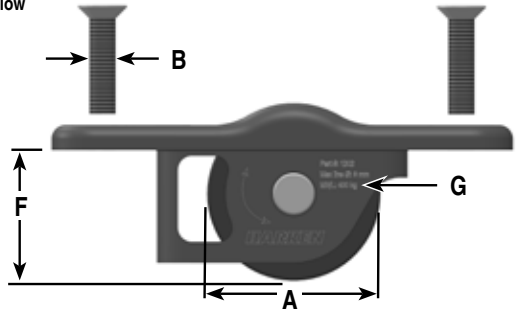
Part No.	A - Sheave diameter and description	B - Fasteners (FH)		C - Hole spacing		Top plate dimensions				F - Depth		G - Maximum working load		Breaking load	
						D - Length		E - Width							
		mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	kg	lb
1200	30 mm single	5	#10	57	2.24	74.6	2.94	24.8	.98	20.5	.81	250	551	500	1103
1201	30 mm double	5	#10	79	3.12	97.1	3.82	24.8	.98	20.5	.81	250	551	500	1103
1202	40 mm single	6	1/4	75	2.95	98.7	3.89	24.1	.95	30.2	1.19	400	882	800	1764
1205	40 mm single/wide sheave	6	1/4	75	2.95	98.7	3.89	37.1	1.46	30.2	1.19	400	880	800	1764
1208	40 mm double	6	1/4	120	4.72	143.9	5.66	24.1	.95	30	1.18	400	880	800	1764
1203	50 mm single	6	1/4	90	3.54	116.8	4.60	28.6	1.13	40.3	1.59	800	1764	1600	3528
1204	60 mm single	6	1/4	105	4.13	128.6	5.06	28.6	1.13	50.5	1.99	1200	2640	2400	5292
1209	60 mm single/wide sheave	6	1/4	105	4.13	128.6	5.06	44.5	1.75	47.3	1.86	1200	2640	2400	5292
1206	70 mm single*	6	1/4	**	**	159	6.25	29.4	1.16	58.7	2.31	2000	4409	4000	8818
1207	80 mm single**	8	5/16	**	**	190.5	7.5	34.9	1.38	67	2.64	4500	9921	9000	19842

\* 3 fasteners - 115 mm and 18 mm spacing - See below

\*\* 3 fasteners - 135 mm and 25 mm spacing - See below

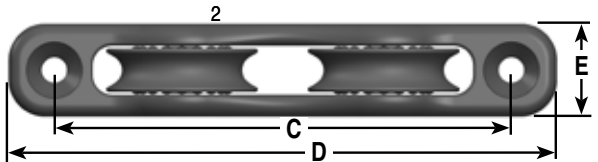
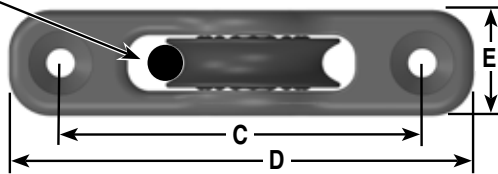


40 and 60 mm wide blocks have tulip shaped sheaves to handle slight off-lead alignment.



Max line Ø*			
Part	Description	mm	in
1200	30 mm single	8	5/16
1201	30 mm double		
1202	40 mm single		
1205	40 mm wide	12	1/2
1208	40 mm double		
1203	50 mm single		
1204	60 mm single	14	9/16
1209	60 mm single wide		
1206	70 mm single		
1207	80 mm single		

\*Tip: When selecting line diameter, use one size smaller for smooth-running blocks.



1201 and 1208

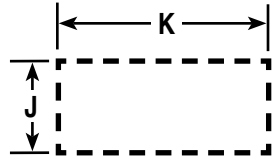


1206 - 115 mm and 18 mm spacing  
1207 - 135 mm and 25 mm spacing

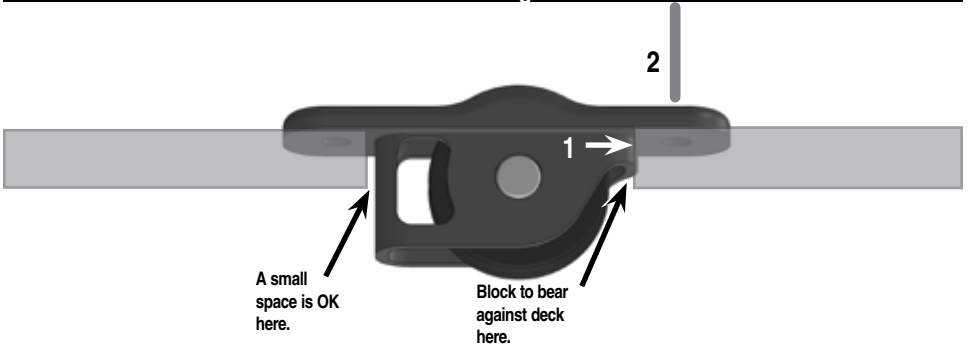
## Specifications and Cutout Sizes



Part No.	Description	Sideplate Dimensions				Cutout Dimensions			
		H - Width		I - Length		J - Width		K - Length	
		mm	in	mm	in	mm	in	mm	in
1200	30 mm single	17	.67	44.5	1.75	18.0	.71	45.5	1.79
1201	30 mm double	17	.67	68.8	2.71	18.0	.71	69.8	2.75
1202	40 mm single	18.4	.73	57.9	2.28	19.4	.76	58.9	2.32
1205	40 mm wide	31.5	1.24	57.9	2.28	32.5	1.28	58.9	2.32
1208	40 mm double	18.4	.73	105.5	4.16	19.4	.77	106.5	4.20
1203	50 mm single	22	.87	70.2	2.76	23.0	.91	71.2	2.80
1204	60 mm single	23	.91	82.75	3.26	24.0	.95	83.75	3.30
1209	60 mm wide	38.9	1.53	82.75	3.26	39.9	1.57	83.75	3.30
1206	70 mm single	23	.91	91.44	3.60	24	.95	92.44	3.64
1207	80 mm single	27.1	1.07	103.2	4.06	28.1	1.11	104.2	4.10



## Mounting



Refer to chart for fastener holes and choose appropriate drill size for through holes or tapping.

**IMPORTANT!** When mounting the Protexit block:

1. Push the block towards the edge of the cutout.
2. Mark the holes for drilling.

The block will bear against the cutout and not the mounting fastener.

**IMPORTANT!** When mounting to cored decks, be sure to reinforce and seal deck to provide a good bearing surface and to prevent water ingress.

## Maintenance

Periodically inspect all fasteners to make sure they are secure.

Periodically clean with mild detergent and water solution. Spin sheave to distribute soap solution evenly. Flush with fresh water.

**Note:** Sheave is not removable.



**IMPORTANT!** Exposure to some teak cleaners and other caustic solutions can result in discoloration of part and is not covered under the Harken warranty.



## Warranty

For additional safety, maintenance, and warranty information see [www.harken.com/manuals](http://www.harken.com/manuals) or the Harken catalog.