

bearing

• Two single bearings with machined bearing plate

3.5 mm diameter steel balls

for mounted modular design

Previous

echno_{inc.}

 Four independent recirculating ball bearing circuits per carriage

Series 1 Compatible Carriages

- Adjustable preload via two screws on carriage plate
- Replacement bearings available for each carriage

* This *isel* Linear System is patented.

Series 1 Short Carriage*

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SERIES 1 SHORT CARRIAGE: HL46D0M223001

RFQ Page

TABLE 1:Maximum static and dynamic loadcapacity as a function of the angleA, of the applied force F.

Description	Maximum Load			
	Static	Dynamic		
Short Carriage	D x 430 N	D x 400N		

For value of "D" see chart on page 16 of the Technical Section.

TABLE 2:

Maximum permissible moment for carriages.

	Moment Nm					
Carriage	Static			Dynamic		
	M _x	$M_{\rm Y}$	Mz	M _x	$M_{\rm Y}$	Mz
Short	15	7	7	7.3	3.7	3.7



30.22-0.05

20.6





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echno Inc. Series 1 Compatible Carriages Series 1 Long Carriage* **FEATURES** Two single bearings with machined bearing plate Four independent recirculating ball bearing for mounted modular design circuits per carriage • Single-piece ground steel bearing core on each Adjustable preload via two screws on carriage plate bearing Replacement bearings available for each 3.5 mm diameter steel balls carriage * This *isel* Linear System is patented. SERIES 1 LONG CARRIAGE: HL46D0M223002 TABLE 1: Maximum static and dynamic load capacity as a function of the angle A, of the applied force F. Maximum Load Description Static Dynamic Long Carriage D x 1270 N D x 750N For value of "D" see chart on page 30.22-0.05 16 of the Technical Section. 12 50 O G TABLE 2: Maximum permissible moment for carriages 50 Moment Nm Carriage Static Dynamic ⊕--6×M6 (◯) (\bigcirc) ന G $M_{\rm Y}$ M_× $M_{\rm Y}$ M_x M_z M_{7}

50

125

50

44

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25

22 12.6 12.6

20.6

Long

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