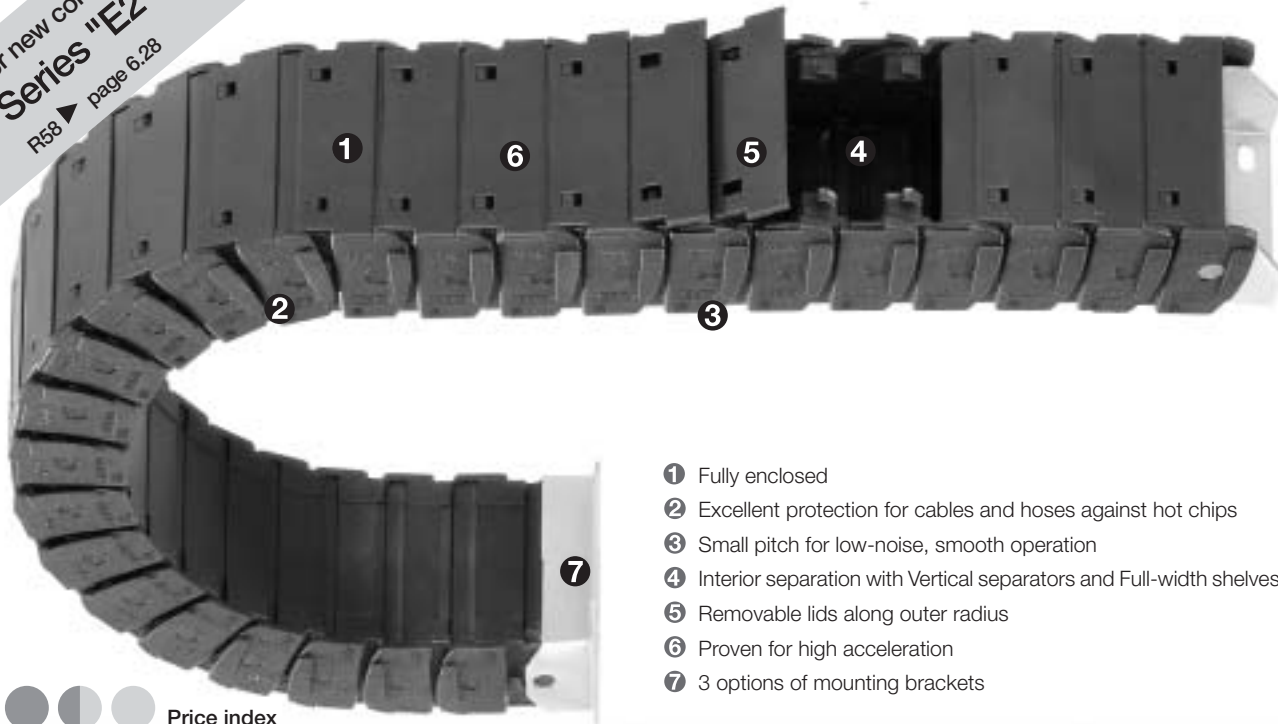


For new constructions:
Series "E2 Tubes"
R58 ▶ page 6.28

Series R58 classic E2 Tubes

igus® E-ChainSystems®

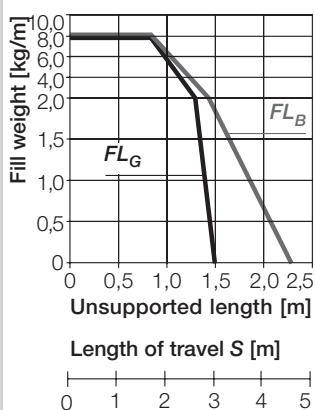


- 1 Fully enclosed
- 2 Excellent protection for cables and hoses against hot chips
- 3 Small pitch for low-noise, smooth operation
- 4 Interior separation with Vertical separators and Full-width shelves
- 5 Removable lids along outer radius
- 6 Proven for high acceleration
- 7 3 options of mounting brackets



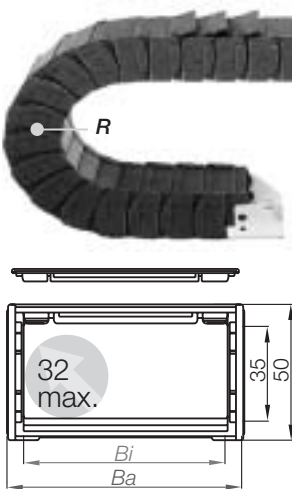
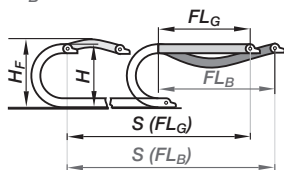
Phone +49- (0) 22 03-96 49-800
Fax +49- (0) 22 03-96 49-222

igus® GmbH
51147 Cologne



Unsupported length

FL_G = with straight upper run
 FL_B = with permitted sag



R58 classic - snap-open along outer radius

Part No.	B_i [mm]	B_a [mm]	R [mm] Bending Radii
58.05. <input type="text"/> .0	50	66	075 100 125
58.1. <input type="text"/> .0	75	92	150 200 250

Radii for all widths!

Supplement Part No. with required radius. Example: 58.1. .0
Bending radii listed above can be combined with every tube width!

Part No. structure

58. 1. 100.0

- Color black
- Bending radius
- Width
- Series

Order example 3,0 m complete E-Tube
(indicate tube-lengths or number of links)

3,0 m (90 links) **Series 58.1.100.0**

+ 2 separators **581** assembled each 2nd link

+ 1 set mounting brackets **581.12**



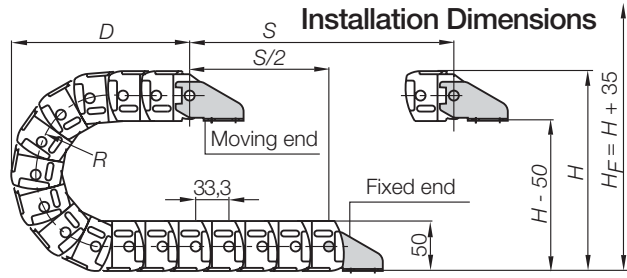
Series R58 classic in the chipping area of machine tools

Series R58 classic E2 Tubes

Pitch = 33,3 mm Links per m = 30 Chain length = $s/2 + K$

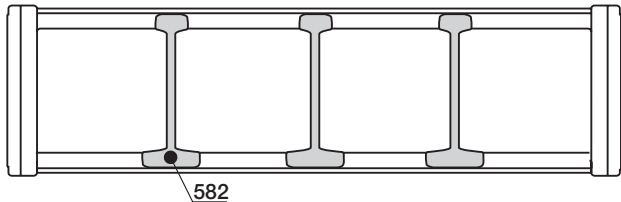
R	075	100	125	150	200	250
H	200	250	300	350	450	550
D	150	175	200	225	275	325
K	375	475	550	650	825	925

The required clearance height is $H_F = H + 35$ mm (with 0,5 kg/m fill weight). Please consult igus® if space is particularly restricted.



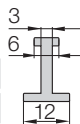
35

E2 Tubes classic
Inner height: 35 mm



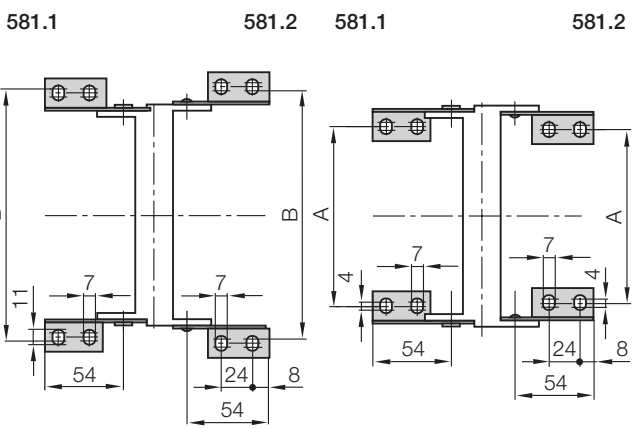
Vertical Separator

unassembled	581
assembled	582

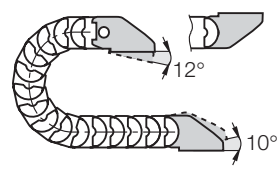


Interior Separation

(the complete range ▶ 6.28)



Moving end (with bore)
581.1



581.2
Fixed end (with pin)

Mounting Brackets



Steel, two-piece, pivoting - attachment with socket head cap bolt M6 DIN 912-8.8

For E-Chain®	Part No. full set	Dimension A [mm]	Dimension B [mm]
58.05. ▶	581.12	36,5	84
58.1. ▶	581.12	62	108

The following parts are required for attachment of the mounting brackets:

- Socket head cap bolt M6* DIN 912-8.8 4 pieces/set
- Washer 6,3 DIN 125-ST 8 pieces/set
- Hexagon nut M6 DIN 934-8 4 pieces/set

* The length of the socket head cap bolt is dependent on the thickness of the attachment base.



Full set, for both ends:

581. 12

Single-part order:

581. 1

Mounting bracket with bore

581. 2

Mounting bracket with pin

Additional Features



Interior separation with full-width shelves and shelves



One-piece, steel mounting bracket, pivoting



Steel mounting bracket, flange, pivoting

For more features
▶ see link below



▶ chapter 9