



Max. Operating Conditions

	static	dynamic
Compressive strength	345 N/mm ²	90 N/mm ²
Temperature (°C)	- 40 / + 130	- 40 / + 130
Speed (m/s)		1
Media:	Hydraulic fluids upon oil-basis, hardly inflaming hydraulic fluids, HFA-, HFB-Liquids	

Recommended Surface Finish

Surface roughness	R _a	R _t
Groove bottom	≤ 1,6 μm	≤ 16 μm
Groove flanks	≤ 1,6 μm	≤ 16 μm
Running surface	≤ 0,3 μm	≤ 3 μm

Material

Synthetic fiber with poyester resin	FHCB/FHOB
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Technical Description

Guide bands of the types **FHOB/FHCB** consist of a fabric-compound made of synthetic fibre and polyester-resin.

They are supposed to guide the piston and piston rod of a hydraulik cylinder and to adopt shear forces. Withal there be no metallic contact of the guiding components between piston and cylinder panel, respectively rod and cylinder head.

High compressive strength, positive sliding characteristics and a very high abrasion resistance are the advantages of these guide bands.

Our **guide bands** are available in meters or cut for rod-, or piston guides. Guide rings of the types FHG / FHM / FHO are available preshaped in standard or special dimensions.

Type designation	L	W	m/Rolle
FHCB 150 - 200	15,0	2,0	5
FHCB 056 - 250	5,6	2,5	5
FHOB 056 - 250	5,6	2,5	10
FHCB 097 - 250	9,7	2,5	5
FHOB 097 - 250	9,7	2,5	10
FHCB 127 - 250	12,7	2,5	5
FHCB 150 - 250	15,0	2,5	5
FHOB 150 - 250	15,0	2,5	10
FHCB 200 - 250	20,0	2,5	5
FHOB 200 - 250	20,0	2,5	10
FHCB 250 - 250	25,0	2,5	5
FHOB 250 - 250	25,0	2,5	10
FHCB 300 - 250	30,0	2,5	5
FHCB 056 - 300	5,6	3,0	5
FHCB 097 - 300	9,7	3,0	5
FHCB 150 - 300	15,0	3,0	5
FHCB 200 - 300	20,0	3,0	5
FHCB 250 - 300	25,0	3,0	5
FHCB 300 - 300	30,0	3,0	5
FHCB 400 - 300	40,0	3,0	5
FHCB 500 - 300	50,0	3,0	5
FHCB 600 - 300	60,0	3,0	5
FHCB 056 - 350	5,6	3,5	5
FHCB 097 - 350	9,7	3,5	5
FHCB 150 - 350	15,0	3,5	5
FHCB 200 - 350	20,0	3,5	5
FHCB 250 - 350	25,0	3,5	5
FHCB 056 - 400	5,6	4,0	5
FHCB 097 - 400	9,7	4,0	5
FHCB 150 - 400	15,0	4,0	5

	Guide Band	Width	Dicke	Material
Ordering example:	Guide Band	L 9,7 mm	W 2,5 mm	FHCB
Order designation:	FHCB	097 - 250		

Type designation	L	W	m/Rolle
FHCB 200 - 400	20,0	4,0	5
FHCB 250 - 400	25,0	4,0	5
FHCB 300 - 400	30,0	4,0	5
FHCB 600 - 400	60,0	4,0	5
FHCB 700 - 400	70,0	4,0	5

Further dimension and in-between sizes upon request.