

PRODUCT CATALOGUE
2009

MARBETT®
CONVEYOR COMPONENTS
SUPPORTING AND LEVELLING ELEMENTS
SELF-ALIGNING BEARINGS



FlatTop Europe

REXNORD
PRECISION. POWER. PERFORMANCE.

Side flange bearing units

UCFB/C - HCFB/C



The picture shows
d. 20 - 25 version.

For other versions please
see the technical drawing.

- **Waterproof housing**
- **Grub screws or eccentric collar shaft locking**
- **PA FV polyamide housing**
High mechanical and heat resistance.
Proof to dust, humidity, washouts, steam,
average aggressive chemical agents.
- **PP FV polypropylene housing**
Proof to highly aggressive chemical agents.
Inferior loading ability.
- **Solid flange bearings**
They differ from standard flange versions for their closed surface structure,
ideal for sanification.
- **Supports with Microban® antibacterial protection**
Microban® material is effective against the most common bacteria
that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus,
Campylobacter.



Material

PA FV polyamide housing

- Housing in reinforced polyamide PA FV resin (black)
- Protection cover in polypropylene PP (orange) with Microban®
- Seal and O-Ring in NBR rubber (black)
- Ball type nickel plated brass greasing nipple
- Reinforcing bushings on mounting holes in stainless steel AISI 304.

PA FV polyamide housing with Microban®

- Housing in reinforced polyamide PA FV resin (blue) with Microban®
- Protection cover in polypropylene PP (orange) with Microban®
- Seal and O-Ring in NBR rubber (black)
- Ball type nickel plated brass greasing nipple
- Reinforcing bushings on mounting holes in stainless steel AISI 304.

PP FV polypropylene housing with Microban®

- Housing in reinforced polypropylene PP FV resin (white) with Microban®
- Protection cover in polypropylene PP (orange) with Microban®
- Seal and O-Ring in NBR rubber (black).
On request supplied in Viton rubber (brown).
Viton material offers high resistance to chemical agents
- Ball type stainless steel AISI 316 greasing nipple
- Reinforcing bushings on mounting holes in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment : 2°.

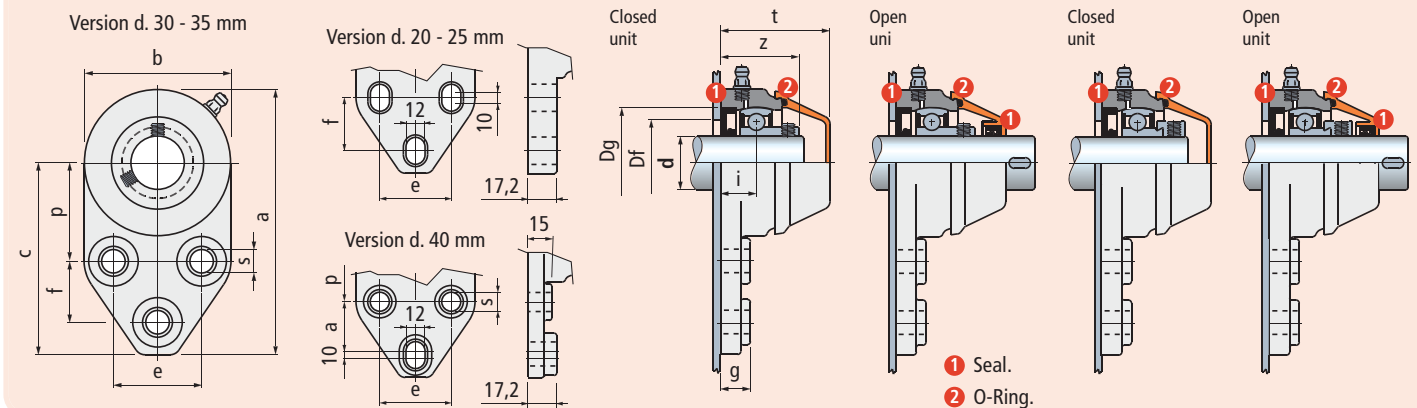
Bearing



- Series YAT (grub screws shaft locking)
- Series YET (eccentric collar shaft locking)
- Chrome alloy steel
- Superagriseal unit
- Prelubricated with lithium / calcium grease
- Can be relubricated.

Series UCFB/C Grub screws shaft locking

Series HCFB/C Eccentric collar shaft locking



dia. d mm	Series	Housing material			Dimensions in mm														Bore in frame ¹⁾ Df		Weight Kg	Spare parts	
		Polyamide PA FV Standard Flange (black) Cover (orange)	Polyamide PA FV with Microban® Solid Flange (blue) Cover (orange)	Polypropylene PP FV with Microban® Solid Flange (white) Cover (orange)	a	b	c	p	e	f	s	g	i	z	t	Dg	max.	min.	Bearing	Code			
Grub screws shaft locking • Closed unit																							
20	UCFB 204 C	601133N	601213N	601373N	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	34,7	49	47	45	40	YAT 204	0,26	681942		
25	UCFB 205 C	656542N	663312N	677832N	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	37,3	52	52	50	45	YAT 205	0,32	681952		
30	UCFB 206 C	656562	663322	677842	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	42,5	55	62	60	50	YAT 206	0,47	63154		
35	UCFB 207 C	656582	663332	677852	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	45,7	59	72	70	55	YAT 207	0,64	682022		
40	UCFB 208 C	601143	601223	601383	164	100	114	60	50	31	13	-	22	47,5	66,5	80	78	65	YAT 208	0,84	600882		
Grub screws shaft locking • Open unit																							
20	UCFB 204 C	601153N	601233N	601393N	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	34,7	49	47	45	40	YAT 204	0,26	681962		
25	UCFB 205 C	656552N	663342N	677862N	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	37,3	52	52	50	45	YAT 205	0,32	681972		
30	UCFB 206 C	656572	663352	677872	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	42,5	55	62	60	50	YAT 206	0,47	69965		
35	UCFB 207 C	656592	663362	677882	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	45,7	59	72	70	55	YAT 207	0,64	682032		
40	UCFB 208 C	601163	601243	601403	164	100	114	60	50	31	13	-	22	47,5	66,5	80	78	65	YAT 208	0,84	600892		
Eccentric collar shaft locking • Closed unit																							
20	HCFB 204 C	601173N	601253N	601413N	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	40	49	47	45	40	YET 204	0,29	681942		
25	HCFB 205 C	663252N	663372N	677892N	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	41,3	57	52	50	45	YET 205	0,35	681952		
30	HCFB 206 C	663262	663382	677902	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	46,7	60	62	60	50	YET 206	0,50	63154		
35	HCFB 207 C	663272	663392	677912	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	49	64,5	72	70	55	YET 207	0,67	682022		
40	HCFB 208 C	601183	601263	601423	164	100	114	60	50	31	13	-	22	55	72	80	78	65	YET 208	0,92	600882		
Eccentric collar shaft locking • Open unit																							
20	HCFB 204 C	601193N	601273N	601433N	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	40	49	47	45	40	YET 204	0,29	681962		
25	HCFB 205 C	663282N	663402N	677922N	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	41,3	57	52	50	45	YET 205	0,35	681972		
30	HCFB 206 C	663292	663412	677932	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	46,7	60	62	60	50	YET 206	0,50	69965		
35	HCFB 207 C	663302	663422	677942	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	49	64,5	72	70	55	YET 207	0,67	682032		
40	HCFB 208 C	601203	601283	601443	164	100	114	60	50	31	13	-	22	55	72	80	78	65	YET 208	0,92	600892		

Item code for order = B0000 + Code

¹⁾ = Dimensions Df max / Df min must be respected to ensure positive retention of the seals and to allow air bleeding during lubrication.

Packaging : 6 pieces.

Side flange bearing units

UCFB - HCFB



The picture shows
d. 20 - 25 version.

For other versions please
see the technical drawing.



Accessories



Material

PA FV polyamide housing

- Housing in reinforced polyamide PA FV resin (black)
- Ball type nickel plated brass greasing nipple
- Reinforcing bushings on mounting holes in stainless steel AISI 304.

PA FV polyamide housing with Microban®

- Housing in reinforced polyamide PAFV resin (blue) with Microban®
- Bearing in stainless steel AISI 420 • Ball type nickel plated brass greasing nipple
- Reinforcing bushings on mounting holes in stainless steel AISI 304.

PP FV polypropylene housing with Microban®

- Housing in reinforced polypropylene PP FV resin (white) with Microban®
- Bearing in stainless steel AISI 420
- Ball type stainless steel AISI 316 greasing nipple
- Reinforcing bushings on mounting holes in stainless steel AISI 316.

Continuous operating temperature

in air : - 20 to + 60°C.

Maximum allowed misalignment : 2°.

Bearing

- Series YAR 2F (grub screws shaft locking, chrome alloy steel, Superagriseal unit plus centrifuging ring) • Series YAR 2RF (grub screws shaft locking, stainless steel AISI 420, Superagriseal unit plus rubberised centrifuging ring) • Series YAT (grub screws shaft locking, chrome alloy steel, Superagriseal unit) • Series YET (eccentric collar shaft locking, chrome alloy steel, Superagriseal unit)
- Prelubricated with lithium / calcium grease • Can be relubricated.

Grub screws or eccentric collar shaft locking

Version with bearing YAR 2F

The double ring guarantees maximum protection against dust and non-corrosive substances.

Version with stainless steel bearing YAR 2RF

AISI 420 stainless steel bearing with 2 rubberised rings, provides excellent seal against humidity, steams, liquids, medium corrosive chemical agents. Maximum load ability is inferior.

Version with bearing YAT

The rubberised ring guarantees maximum protection against dusts.

Supports with Microban® antibacterial protection

Microban® material is effective against the most common bacteria that may grow in foodstuff like E. Coli, Salmonella, Listeria, S-Aureus, Campylobacter.

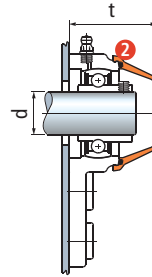
Material

Polyamide PA FV guarantees maximum strength and high-temperature resistance.

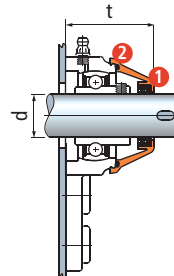
Polypropylene PP FV offers excellent resistance to chemical agents but inferior load ability.

Protection covers (accessories)

Closed cover



Open cover

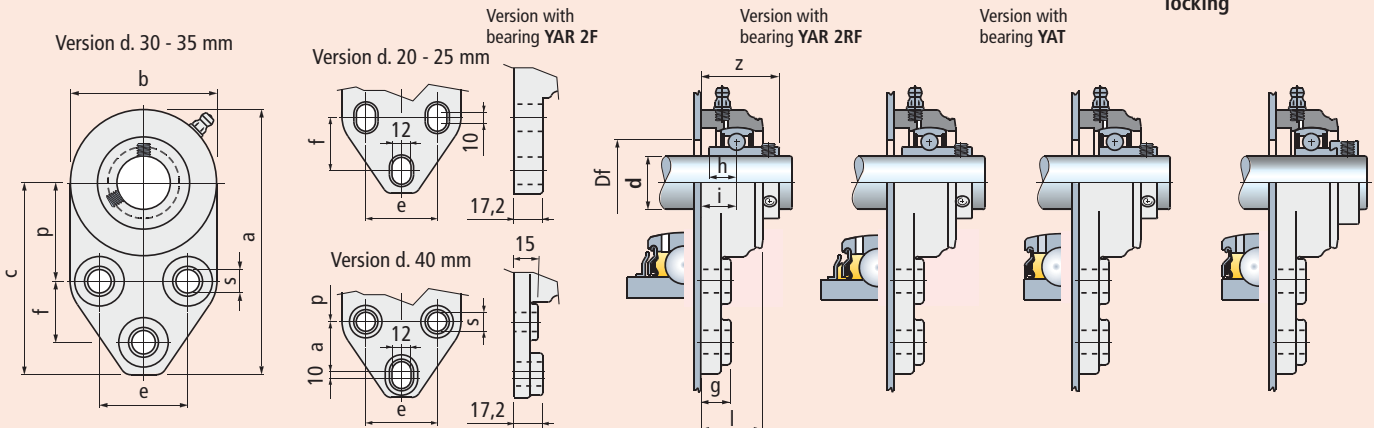


- 1 Seals
- 2 Seals O-Ring

dia. d mm	Accessories		t mm	
	Cover orange Code	UCFL	HCFL	
Closed cover supplied with seals				
20	681942	49	49	
25	681952	52	57	
30	63154	55	60	
35	682022	59	64,5	
40	600882	66,5	72	
Open cover supplied with seals				
20	681962	49	49	
25	681972	52	57	
30	69965	55	60	
35	682032	59	64,5	
40	600892	66,5	72	

Series UCFB Grub screws shaft locking

Series HCFB Eccentric collar shaft locking



dia. d mm	Series	Housing material			Dimensions in mm													Bore in frame Df mm	Bearing	Weight Kg
		Polyamide PA FV Solid Flange (black)	Polyamide PA FV with Microban® Solid Flange (blue)	Polypropylene PP FV with Microban® Solid Flange (white)	a	b	c	p	e	f	s	g	i	h	l	z				
		Code																		
Grub screws shaft locking • Version with bearing YAR 2F																				
20	UCFB 204	601613N	-	-	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	12,7	28,3	34,7	24	YAR 204 2F	0,26	
25	UCFB 205	663912N	-	-	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	14,3	29	37,3	29	YAR 205 2F	0,33	
30	UCFB 206	663922	-	-	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	15,9	31,5	42,5	34	YAR 206 2F	0,50	
35	UCFB 207	663932	-	-	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	17,5	32	45,7	39	YAR 207 2F	0,72	
40	UCFB 208	601623	-	-	164	100	114	60	50	31	13	-	22	19	36	47,5	44	YAR 208 2F	0,84	
Grub screws shaft locking • Version with stainless steel bearing YAR 2RF																				
20	UCFB 204	601633N	601653N	601673N	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	12,7	28,3	34,7	24	YAR 204 2RF	0,26	
25	UCFB 205	663942N	665952N	665982N	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	14,3	29	37,3	29	YAR 205 2RF	0,33	
30	UCFB 206	663952	665962	665992	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	15,9	31,5	42,5	34	YAR 206 2RF	0,50	
35	UCFB 207	663962	665972	666002	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	17,5	32	45,7	39	YAR 207 2RF	0,72	
40	UCFB 208	601643	601663	601683	164	100	114	60	50	31	13	-	22	19	36	47,5	44	YAR 208 2RF	0,84	
Grub screws shaft locking • Version with bearing YAT																				
20	UCFB 204	601453N	601493N	601573N	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	-	28,3	34,7	24	YAT 204	0,26	
25	UCFB 205	663672N	663732N	663852N	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	-	29	37,3	29	YAT 205	0,30	
30	UCFB 206	663682	663742	663862	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	-	31,5	42,5	34	YAT 206	0,45	
35	UCFB 207	663692	663752	663872	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	-	32	45,7	39	YAT 207	0,62	
40	UCFB 208	601463	601503	601583	164	100	114	60	50	31	13	-	22	-	36	47,5	44	YAT 208	0,84	
Eccentric collar shaft locking																				
20	HCFB 204	601473N	601513N	601593N	124,2	68,8	89,8	46	41,3	28,6	11	14	16,4	-	28,3	40	24	YET 204	0,29	
25	HCFB 205	663702N	663762N	663882N	124,2	68,8	89,8	46	41,3	28,6	11	14	17,8	-	34	41,3	29	YET 205	0,33	
30	HCFB 206	663712	663772	663892	138,6	81,3	97,9	52,4	47,6	31,7	11	14	20	-	36,5	46,7	34	YET 206	0,48	
35	HCFB 207	663722	663782	663902	154,5	93,7	107,6	60,3	50,8	31,7	13	15	19,5	-	38	49	39	YET 207	0,65	
40	HCFB 208	601483	601523	601603	164	100	114	60	50	31	13	-	22	-	36	55	44	YET 208	0,92	

Item code for order = B0000 + Code

Packaging : 6 pieces.

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