

# Cast iron **pillow** block bearing



## UCP

## 2 mounting points

- **Self-aligning bearing**
- Spherical external ring
- Working temperature range: -30 to +100°C
- Material:
  - Bearing: steel
  - Housing: cast iron
- Maximum speed depends on the shaft tolerance

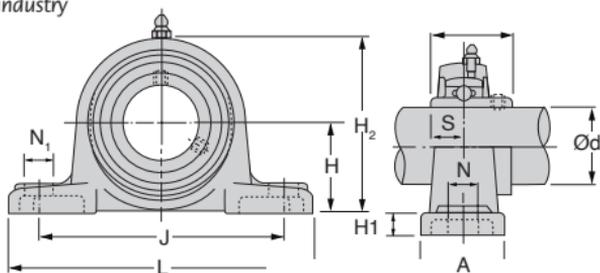


### Use

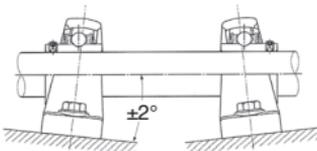
- Mounting a single bearing

### Option

- Version suitable for the food industry



Part number	Load (kN)		Speed/tolerance (rpm)			
	dynamic	static	j7	h7	h8	h9
UCP204	12,2	6,35	6700	4900	3500	1250
UCP205	13,3	7,50	5600	4100	2900	1050
UCP206	18,6	10,80	4700	3400	2400	880
UCP207	24,5	14,60	4000	3000	2100	760
UCP208	27,7	17,00	3600	2600	1900	660
UCP209	31,0	19,50	3300	2400	1700	620
UCP210	33,5	22,50	3000	2200	1600	570
UCP211	41,5	28,00	2700	2000	1400	510
UCP212	50,0	34,50	2400	1600	1250	460



### DISCOUNTS

Qty	1+	6+	10+	20+
Disc.	List	-20%	-40%	On request

Part number	Bore											Bolt size	Stock*	Price each 1 to 5
	Ød	H	L	J	A	N	N1	H1	H2	S	B			
UCP204	20	33,3	127	95	38	13	19	14	65,0	12,7	31,0	M10	✓	15,17 €
UCP205	25	36,5	140	105	38	13	19	15	71,0	14,3	34,1	M10	✓	16,38 €
UCP206	30	42,9	165	121	48	17	20	17	84,0	15,9	38,1	M14	✓	20,55 €
UCP207	35	47,6	167	127	48	17	20	18	93,0	17,5	42,9	M14	✓	26,10 €
UCP208	40	49,2	184	137	54	17	20	18	100,0	19,0	49,2	M14	✓	30,75 €
UCP209	45	54,0	190	146	54	17	20	20	106,0	19,0	49,2	M14	✓	35,73 €
UCP210	50	57,2	206	159	60	20	23	21	113,0	19,0	51,6	M16	✓	46,25 €
UCP211	55	63,5	219	171	60	20	23	23	125,0	22,2	55,6	M16	-	56,23 €
UCP212	60	69,8	241	184	70	20	23	25	138,0	25,4	65,1	M16	✓	69,36 €

\*Depending on availability - Dimensions in mm



# Cast iron flange bearing unit

## 4 mounting points

## UCF

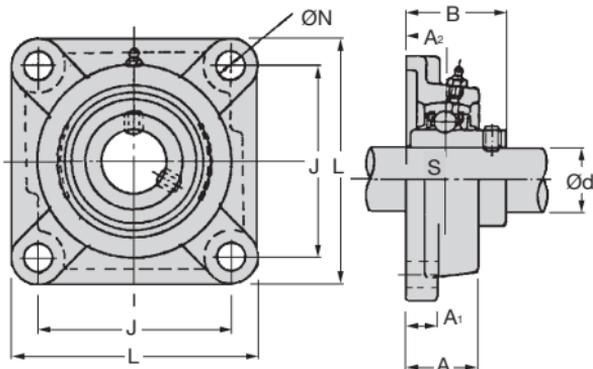
- Self-aligning bearing
- Spherical external ring
- Working temperature range: -30 to +100°C
- Material:
  - Bearing: steel
  - Housing: cast iron
- Maximum speed depends on the shaft tolerance

### Use

- Mounting a single bearing

### Option

- Version suitable for the food industry



Part number	Load (kN)		Speed/tolerance (rpm)			
	dynamic	static	i7	h7	h8	h9
UCF204	12,2	6,35	6700	4900	3500	1250
UCF205	13,3	7,50	5600	4100	2900	1050
UCF206	18,6	10,80	4700	3400	2400	880
UCF207	24,5	14,60	4000	3000	2100	760
UCF208	27,7	17,00	3600	2600	1900	660
UCF209	31,0	19,50	3300	2400	1700	620
UCF210	33,5	22,50	3000	2200	1600	570
UCF211	41,5	28,00	2700	2000	1400	510
UCF212	50,0	34,50	2400	1600	1250	460

### DISCOUNTS

Qty	1+	6+	10+	20+
Disc.	List	-20%	-40%	On request

Part number	Bore		L	J	A2	A1	A	B	ØN	S	Bolt size	Stock*	Price each
	Ød	L											1 to 5
UCF204	20	86	64	15	12	25,5	33,3	12	12,7	M10	✓	15,17 €	
UCF205	25	95	70	16	14	27,0	35,8	12	14,3	M10	✓	16,38 €	
UCF206	30	108	83	18	14	31,0	40,2	12	15,9	M10	✓	20,55 €	
UCF207	35	117	92	19	16	34,0	44,4	14	17,5	M12	✓	26,10 €	
UCF208	40	130	102	21	16	36,0	51,2	16	19,0	M14	✓	30,75 €	
UCF209	45	137	105	22	18	38,0	52,2	16	19,0	M14	-	35,73 €	
UCF210	50	143	111	22	18	40,0	54,6	16	19,0	M14	✓	46,25 €	
UCF211	55	162	130	25	20	43,0	58,4	19	22,2	M16	-	56,23 €	
UCF212	60	175	143	29	20	48,0	68,7	19	25,4	M16	✓	69,36 €	

\* Depending on availability - Dimensions in mm

# Cast iron **flanged bearing**



## UCFL

## 2 mounting points

- **Self-aligning bearing**
- Spherical external ring
- Working temperature range: -30 to +100°C
- Material:
  - Bearing: steel
  - Housing: cast iron
- Maximum speed depends on the shaft tolerance

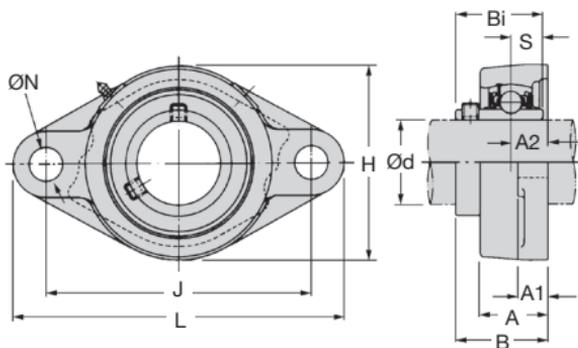


### Use

- Mounting a single bearing

### Option

- Version suitable for the food industry



Part number	Load (kN)		Speed/tolerance (rpm)			
	dynamic	static	j7	h7	h8	h9
UCFL204	12,2	6,35	6700	4900	3500	1250
UCFL205	13,3	7,50	5600	4100	2900	1050
UCFL206	18,6	10,80	4700	3400	2400	880
UCFL208	27,7	17,00	3600	2600	1900	660
UCFL212	50,0	34,50	2400	1600	1250	460

### DISCOUNTS

Qty	1+	6+	10+	20+
Disc.	List	-20%	-40%	On request

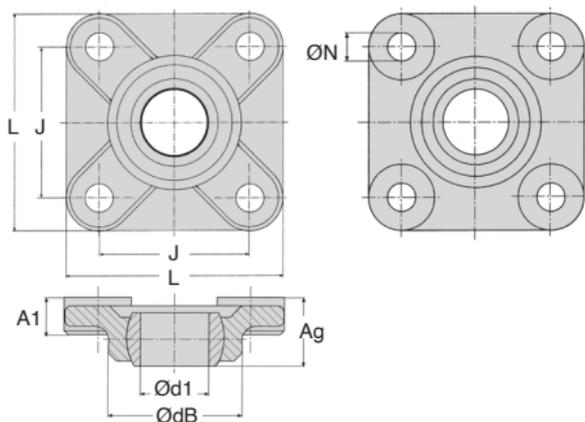
Part number	Bore				A	ØN	H	B	Bi	S	Bolt size	Price each		
	Ød	L	J	A2									Stock*	1 to 5
UCFL204	20	113	90	5	11	25,5	12	60	33,3	31,0	12,7	M10	✓	15,70 €
UCFL205	25	130	99	16	13	27,0	16	68	35,8	34,1	14,3	M14	✓	17,53 €
UCFL206	30	148	117	18	13	31,0	16	80	40,2	38,1	15,9	M14	✓	21,21 €
UCFL208	40	175	144	21	14	36,0	16	100	51,2	49,2	19,0	M14	✓	31,73 €
UCFL212	60	250	202	29	18	48,0	23	140	68,7	65,1	25,4	M20	-	85,16 €

\*Depending on availability - Dimensions in mm



- Self-aligning polymer flange unit
- Housing igumid®, a corrosion-resistant, non deforming material
- Ring iglidur® W300, an extremely wear-resistant material
- Simple assembly
- Compensates for alignment errors
- 100% corrosion resistant
- Very light-weight
- Dry-working without maintenance

Maintenance free



### DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-10%	-15%	-20%	On request

Part number	Ød1 (E10)	ØdB	L	J <sup>±0.1</sup>	A1	Ag	Oblong hole N	Stock*	Price each 1 to 5
EFSM-05	5	14,0	25	17	4,5	8,5	3,2	-	10,48 €
EFSM-06	6	14,0	25	17	4,5	8,5	3,2	✓	9,99 €
EFSM-08	8	18,0	33	22	5,5	10,5	4,3	✓	10,48 €
EFSM-10	10	22,0	38	26	6,5	12,0	5,3	✓	12,60 €
EFSM-12	12	25,0	40	28	7,0	13,0	5,3	✓	15,77 €
EFSM-15	15	30,0	49	34	8,5	15,5	6,4	-	28,25 €
EFSM-16	16	32,5	52	36	9,0	16,5	6,4	✓	19,75 €
EFSM-17	17	35,0	54	38	10,0	18,0	6,4	-	33,77 €
EFSM-20	20	40,0	65	45	11,0	20,0	8,4	✓	31,41 €
EFSM-25	25	48,5	74	52	14,0	25,0	8,4	-	40,85 €
EFSM-30	30	55,0	85	60	15,0	26,0	10,5	✓	55,81 €

\*Depending on availability - Dimensions in mm

- Self-aligning polymer bearing
- Two part assembly
- Temperature -40°C to +80°C (120°C for short periods)
- Slip speed: 0.5m/s
- Material:
  - Ring: Polymer iglidur® W300
  - Housing: Polymer igumid® G
- Pressure up to 20N/mm<sup>2</sup>



### Advantages

- 20% of the weight of steel version
- Self-lubricating
- Large admissible load

### Applications

- Compensates for alignment errors
- Oscillating parts

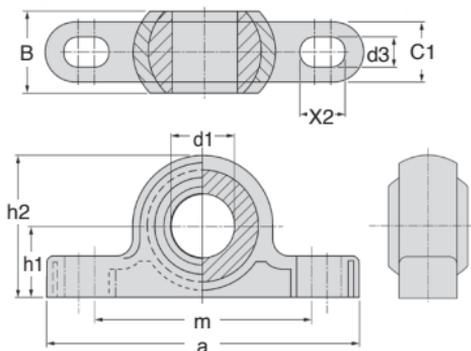
**Maintenance free**

Part number	Max. static load for short life expectancy (N)	Max. static load for long life expectancy (N)	Max. static load in compression (N)
KSTM-05	700	350	500
KSTM-06	1100	550	700
KSTM-08	1300	650	1000
KSTM-10	1500	750	1100
KSTM-12	2200	1100	1150
KSTM-14	2400	1200	1200
KSTM-16	3000	1500	1800
KSTM-18	3500	1750	1900
KSTM-20	4700	2350	2500
KSTM-22	6100	3050	2700
KSTM-25	6600	3300	3200
KSTM-30	8100	4050	3750

Dimensions in mm

## Avantages

- igubal® is self-lubricating
- Dry assembly
- No dirt retention
- Will not seize
  
- igubal® is suited to difficult environments
- Corrosion-resistant
- Resistant to chemicals
- High tolerance to vibration



## DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-10%	-15%	-20%	On request

Part number	a	Ød1 (E10)	B	C1	h1	h2	m	Ød3	X2	Pivot angle	Stock*	Price each 1 to 5
KSTM-05	34	5	8	6,0	7	14	25	3,3	5	30°	✓	9,24 €
KSTM-06	43	6	9	7,0	10	20	33	4,5	6	29°	✓	9,35 €
KSTM-08	47	8	12	9,0	10	20	33	4,5	7	25°	✓	9,47 €
KSTM-10	62	10	14	10,5	14	28	46	5,5	8	25°	✓	10,52 €
KSTM-12	65	12	16	12,0	14	28	46	5,5	9	25°	✓	12,50 €
KSTM-14	82	14	19	13,5	18	36	60	6,6	11	23°	✓	17,14 €
KSTM-16	86	16	21	15,0	18	36	60	6,6	12	23°	✓	15,92 €
KSTM-18	93	18	23	16,5	22	44	68	9,0	13	23°	-	26,94 €
KSTM-20	98	20	25	18,0	22	44	68	9,0	14	23°	✓	20,55 €
KSTM-22	108	22	28	20,0	24	48	74	9,0	16	22°	-	36,53 €
KSTM-25	124	25	31	22,0	27	54	86	9,0	17	22°	-	35,42 €
KSTM-30	139	30	37	25,0	32	64	96	11,0	20	22°	✓	47,89 €

\*Depending on availability - Dimensions in mm

## UCP<sub>PBT</sub>

## 2 mounting points

- Self aligning bearing with 2 mounting points
- Interchangeable with cast iron units
- Grease applicator supplied
- Working temperature: -35°C to +102°C
- Materials:
  - Bearing: Stainless steel AISI 440C
  - Housing: PBT polymer
  - Grease: suitable for food industry



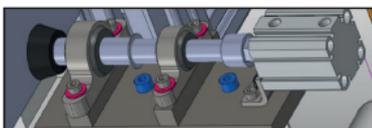
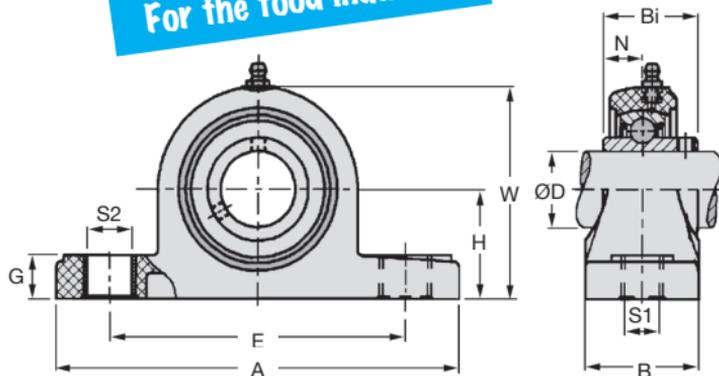
### Colour

- UCP/PBT/G: green
- UCP/PBT/W: white

### Accessory

- Protective cover

**For the food industry**



Typical application

### DISCOUNTS

Qty	1+	10+	26+	25+
Disc.	List	-10%	-20%	On request

Part number	ØD	H	A	E	B	S1	S2	G	W	Bi	N	Stock*	Price each 1 to 9
UCP201/PBT/G	12	33,3	127,0	95	38	11	14	14,2	65,5	31,0	12,7	-	93,32 €
UCP202/PBT/G	15	33,3	127,0	95	38	11	14	14,2	65,5	31,0	12,7	-	88,80 €
UCP203/PBT/G	17	33,3	127,0	95	38	11	14	14,2	65,5	31,0	12,7	-	84,56 €
UCP204/PBT/W	20	33,3	127,0	95	38	11	14	14,2	65,5	31,0	12,7	✓	22,85 €
UCP205/PBT/W	25	36,5	140,5	105	38	11	14	14,2	71,0	34,0	14,3	✓	27,55 €
UCP206/PBT/W	30	42,9	163,0	119	46	14	18	17,8	83,0	38,1	15,9	✓	39,98 €
UCP207/PBT/W	35	47,6	168,0	128	48	14	18	18,0	94,5	42,9	17,5	✓	56,03 €
UCP208/PBT/W	40	49,2	184,0	137	54	14	18	19,5	98,0	49,2	19,0	-	64,59 €

\*Depending on availability - Dimensions in mm



# Stainless steel/Polymer flanged bearing

## 4 mounting points

## UCFPBT

- Self aligning bearing with 4 mounting points
- Interchangeable with cast iron units
- Grease applicator supplied
- Working temperature: -35°C to +102°C
- Materials:
  - Bearing: Stainless steel AISI 440C
  - Housing: PBT polymer
  - Grease: suitable for food industry

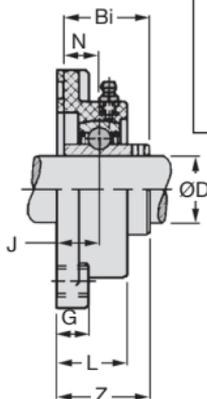
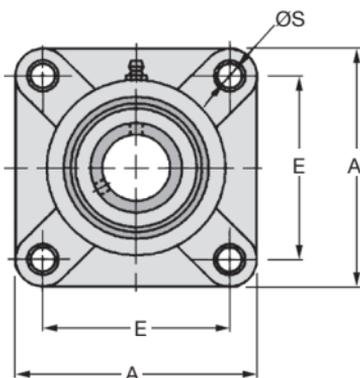
### Colour

- UCF/PBT/G: green
- UCF/PBT/W: white

### Accessory

- Protective cover

**For the food industry**



### DISCOUNTS

Qty	1+	10+	26+	51+
Disc.	List	-10%	-20%	On request

Part number	ØD	A	E	G	L	ØS	Z	J	Bi	N	Stock*	Price each 1 to 9
UCF201/PBT/G	12	86	63,5	13,4	27,8	11	36,3	18,0	31,0	12,7	-	95,05 €
UCF202/PBT/G	15	86	63,5	13,4	27,8	11	36,3	18,0	31,0	12,7	-	90,47 €
UCF203/PBT/G	17	86	63,5	13,4	27,8	11	36,3	18,0	31,0	12,7	-	84,56 €
UCF204/PBT/W	20	86	63,5	13,4	27,8	11	36,3	18,0	31,0	12,7	✓	24,39 €
UCF205/PBT/W	25	95	70,0	14,0	28,0	11	36,7	17,0	34,0	14,3	✓	28,76 €
UCF206/PBT/W	30	107	83,0	14,3	31,5	11	41,4	19,2	38,1	15,9	✓	41,59 €
UCF207/PBT/W	35	118	92,0	15,5	34,8	13	46,9	21,5	42,9	17,5	-	51,77 €
UCF208/PBT/W	40	130	102,0	17,0	37,5	14	53,2	23,0	49,2	19,0	-	63,34 €

\*Depending on availability - Dimensions in mm

# Stainless steel/Polymer flanged bearing

## UCFLPBT

## 2 mounting points

- Self aligning bearing with 2 mounting points
- Interchangeable with cast iron units
- Grease applicator supplied
- Working temperature: -35°C to +102°C
- Materials:
  - Bearing: Stainless steel AISI 440C
  - Housing: PBT polymer
  - Grease: suitable for food industry



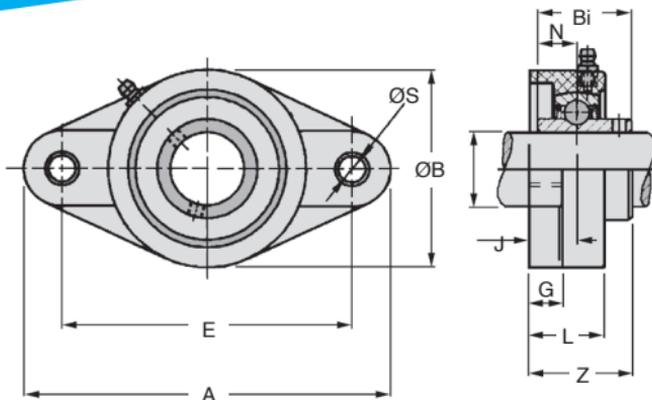
### Colour

- UCFL/PBT/G: green
- UCFL/PBT/W: white

### Accessory

- Protective cover

**For the food industry**



### DISCOUNTS

Qty	1+	10+	26+	51+
Disc.	List	-10%	-20%	On request

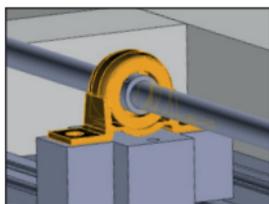
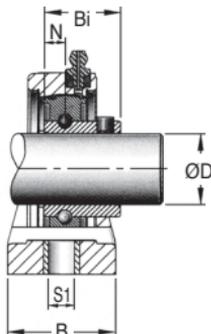
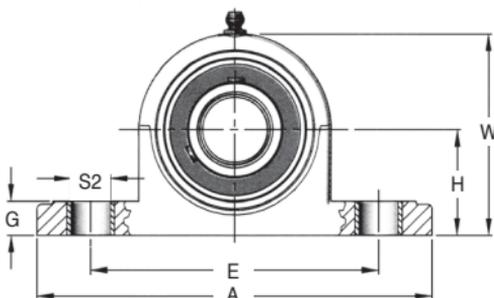
Part number	ØD	A	E	ØB	G	L	ØS	Z	J	Bi	N	Stock*	Price each 1 to 9
UCFL201/PBT/G	12	113	90	65,0	11,4	26,5	11	33,7	15,4	31,0	12,7	✓	93,32 €
UCFL202/PBT/G	15	113	90	65,0	11,4	26,5	11	33,7	15,4	31,0	12,7	✓	88,83 €
UCFL203/PBT/G	17	113	90	65,0	11,4	26,5	11	33,7	15,4	31,0	12,7	-	84,56 €
UCFL204/PBT/W	20	113	90	64,0	11,4	26,5	11	33,7	15,4	31,0	12,7	✓	23,19 €
UCFL205/PBT/W	25	130	99	69,0	13,5	29,1	11	36,7	17,0	34,0	14,3	✓	26,94 €
UCFL206/PBT/W	30	148	117	80,0	13,3	30,5	11	41,2	19,0	38,1	15,9	-	36,38 €
UCFL207/PBT/W	35	164	130	90,0	16,1	32,8	13	43,4	18,0	42,9	17,5	-	51,08 €
UCFL208/PBT/W	40	176	144	100,0	20,0	37,5	14	51,7	21,5	49,2	19,0	-	60,66 €

\*Depending on availability - Dimensions in mm

- Self aligning bearing with 2 mounting points
- Interchangeable with cast iron units
- Working temperature range: until +140°C
- Materials:
  - Bearing: stainless steel
  - Housing: stainless steel

stainless steel

For hostile environments



Typical application

### DISCOUNTS

Qty	1+	10+	26+
Disc.	List -10%	On request	

Part number	ØD	H	A	E	B	S1	S2	G	W	Bi	N	Weight (kg)	Stock*	Price each
													1 to 9	
UCP204/SS	20	33,3	127	95,0	38	13,0	19,0	13,0	65,0	31,0	12,7	0,70	✓	54,68 €
UCP205/SS	25	36,5	140	105,0	38	13,0	19,0	15,0	71,0	34,1	14,3	0,85	✓	60,39 €
UCP206/SS	30	42,9	165	121,0	48	17,0	20,0	17,0	84,0	38,1	15,9	1,20	✓	85,15 €
UCP207/SS	35	47,6	167	127,0	48	17,0	19,0	19,0	93,0	42,9	17,5	1,70	✓	119,69 €
UCP208/SS	40	49,2	184	137,0	54	17,0	20,0	20,0	98,0	49,2	19,0	2,10	✓	138,74 €

\*Depending on availability - Dimensions in mm



## UCFss

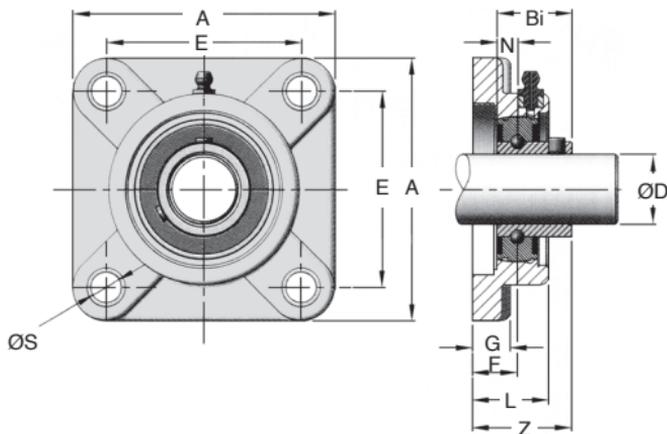
## 4 mounting points

- Self aligning bearing with 4 mounting points
- Interchangeable with cast iron units
- Working temperature range: until +140°C
- Material:

Bearing: stainless steel

Housing: stainless steel

**For hostile environments**



### DISCOUNTS

Qty	1+	10+	26+
Disc.	List	-10%	On request

Part number	ØD	A	E	G	L	ØS	Z	F	Bi	N	Weight (kg)	Stock*	Price each 1 to 9
UCF204/SS	20	86	64	11	25	12	33,3	15	31,0	12,7	0,60	✓	52,20 €
UCF205/SS	25	95	70	13	27	12	35,8	16	34,1	14,3	0,86	✓	54,51 €
UCF206/SS	30	108	83	13	31	12	40,1	18	38,1	15,9	1,10	✓	80,28 €
UCF207/SS	35	117	92	15	34	14	44,4	19	42,9	17,5	1,60	-	99,43 €
UCF208/SS	40	130	102	15	36	16	51,2	21	49,2	19,0	1,90	✓	115,23 €

\*Depending on availability - Dimensions in mm



# Stainless steel flanged bearing

2 mounting points

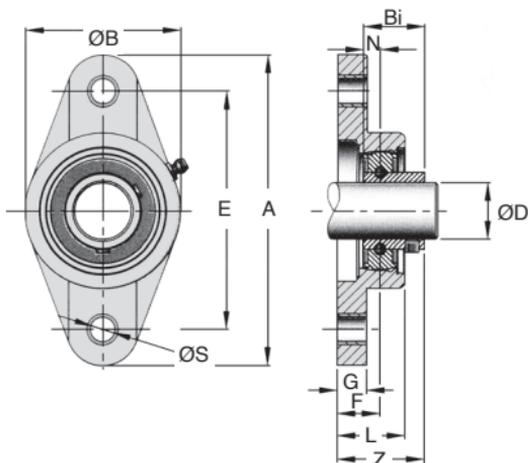
UCFLss

- Self aligning bearing with 2 mounting points
- Interchangeable with cast iron bearings
- Working temperature range: until +140°C
- Material:

Bearing: stainless steel

Housing: stainless steel

For hostile environments



## DISCOUNTS

Qty	1+	10+	26+
Disc.	List	-10%	On request

Part number	ØD	A	E	G	L	ØS	Z	F	ØB	Bi	N	Weight (kg)	Price each	
													Stock*	1 to 9
UCFL204/SS	20	113	90	10	25,5	12	33,3	15	60	31,0	12,7	0,48	✓	37,79 €
UCFL205/SS	25	130	99	10	27,0	16	35,8	16	68	34,1	14,3	0,63	✓	46,19 €
UCFL206/SS	30	148	117	10	31,0	16	40,2	18	80	38,1	15,9	0,89	✓	66,19 €
UCFL207/SS	35	161	130	11	34,0	16	44,4	19	90	42,9	17,5	1,21	-	88,86 €
UCFL208/SS	40	175	144	11	36,0	16	51,2	21	100	49,2	19,0	1,60	-	113,09 €

\*Depending on availability - Dimensions in mm