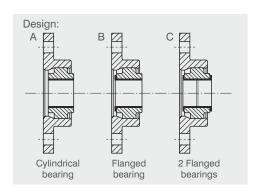


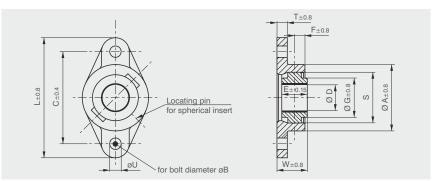
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### 4.4 EXALIGN™ Self-Aligning Bearing Housing

DF Flanged Bearing Housing - 2 Bolts

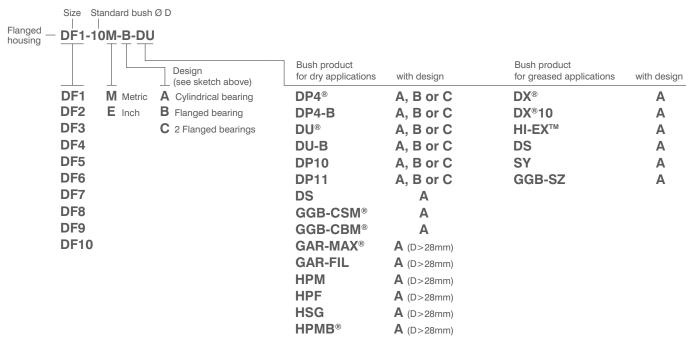




Housing material: GG 20 Spherical insert material: GG 20

Stainless and corrosion-resistant versions are available on request.

#### **Ordering Example:**



Order-No.				Dimensio	ons [mm	] EXALI	GN™ DF	Flanged	Bearing	Housing	3		
GGB	D*	Insert bore H7	øU	øB	E	С	L	Т	W	А	F	G	S
DF1-10M	10	12	9.5	8	15	81	103	8	23	54	6	33.3	41.2
DF1-12M	12	14	9.5	8	15	81	103	8	23	54	6	33.3	41.2
DF1-13M	13	15	9.5	8	15	81	103	8	23	54	6	33.3	41.2
DF1-14M	14	16	9.5	8	15	81	103	8	23	54	6	33.3	41.2
DF1-15M	15	17	9.5	8	15	81	103	8	23	54	6	33.3	41.2
DF1-16M	16	18	9.5	8	15	81	103	8	23	54	6	33.3	41.2
DF1-17M	17	19	9.5	8	15	81	103	8	23	54	6	33.3	41.2
DF1-18M	18	20	9.5	8	15	81	103	8	23	54	6	33.3	41.2
DF2-20M	20	23	11.1	10	20	89	116	10	27	64	10	39.7	50.7
DF2-22M	22	25	11.1	10	20	89	116	10	27	64	10	39.7	50.7
DF2-24M	24	27	11.1	10	20	89	116	10	27	64	10	39.7	50.7
DF2-25M	25	28	11.1	10	25	89	116	10	30	64	10	39.7	50.7
DF2-28M	28	32	14.3	12	30	113	143	11	36	79	13	51	63.4
DF3-30M	30	34	14.3	12	30	113	143	11	36	79	13	51	63.4
DF3-32M	32	36	14.3	12	30	113	143	11	36	79	13	51	63.4
DF4-35M	35	39	14.3	12	35	130	159	14	45	95	16	60.3	76.1
DF4-40M	40	44	14.3	12	40	130	159	14	45	95	16	60.3	76.1
DF5-45M	45	50	14.3	12	45	144	175	16	51	108	16	73	88.8
DF6-50M	50	55	17.5	16	50	157	190	16	58	117	21	79.3	100
DF7-55M	55	60	17.5	16	55	184	216	17	62	137	22	83	110
DF7-60M	60	65	17.5	16	60	184	216	17	65	137	22	83	110
DF7-65M	65	70	17.5	16	60	184	216	17	65	137	22	83	110
DF8-70M	70	75	17.5	16	65	202	236	19	71	143	25	89	120
DF8-75M	75	80	17.5	16	65	202	236	19	71	143	25	89	120
DF9-80M	80	85	22.2	20	80	214	259	22	28	117	129	108	139.7
DF9-85M	85	90	22.2	20	80	214	259	22	28	117	129	108	139.7
DF10-90M	90	95	22.2	20	80	279	324	25	91	210	32	130	170
DF10-95M	95	100	22.2	20	80	279	324	25	91	210	32	130	170
DF10-100M	100	105	22.2	20	80	279	324	25	91	210	32	130	170

Other dimensions are available on request.
\*Dimension D is with the standard bush pressed in.

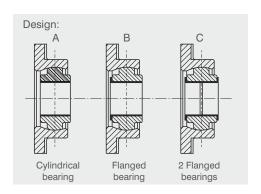


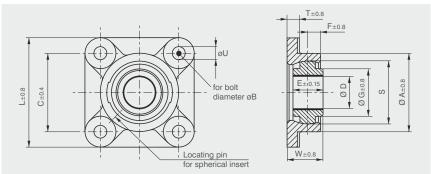
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### 4.5 EXALIGN™ Self-Aligning Bearing Housing

FL Flanged Bearing Housing - 4 Bolts

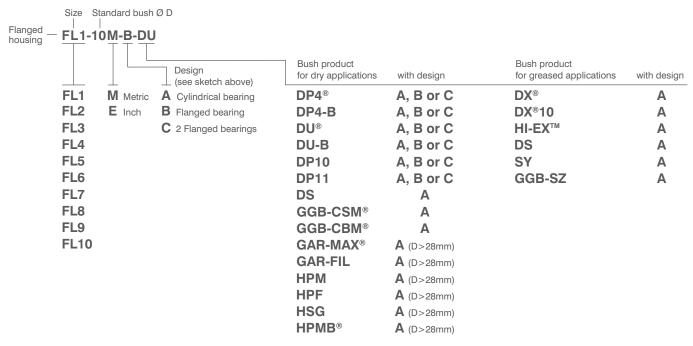




Housing material: GG 20 Spherical insert material: GG 20

Stainless and corrosion-resistant versions are available on request.

#### Ordering Example:



Order-No.				Dimensio	ons [mm	] EXALIC	GN™ FL I	Flanged	Bearing	Housing	ı		
GGB	D*	Insert bore H7	øU	øB	E	С	L	Т	W	А	F	G	S
FL1-10M	10	12	9.5	8	15	57	76	8	23	54	6	33.3	41.2
FL1-12M	12	14	9.5	8	15	57	76	8	23	54	6	33.3	41.2
FL1-13M	13	15	9.5	8	15	57	76	8	23	54	6	33.3	41.2
FL1-14M	14	16	9.5	8	15	57	76	8	23	54	6	33.3	41.2
FL1-15M	15	17	9.5	8	15	57	76	8	23	54	6	33.3	41.2
FL1-16M	16	18	9.5	8	15	57	76	8	23	54	6	33.3	41.2
FL1-17M	17	19	9.5	8	15	57	76	8	23	54	6	33.3	41.2
FL1-18M	18	20	9.5	8	15	57	76	8	23	54	6	33.3	41.2
FL2-20M	20	23	11.1	10	20	64	89	10	27	64	10	39.7	50.7
FL2-22M	22	25	11.1	10	20	64	89	10	27	64	10	39.7	50.7
FL2-24M	24	27	11.1	10	20	64	89	10	27	64	10	39.7	50.7
FL2-25M	25	28	11.1	10	25	64	89	10	30	64	10	39.7	50.7
FL2-28M	28	32	14.3	12	30	79	110	11	36	79	13	51	63.4
FL3-30M	30	34	14.3	12	30	79	110	11	36	79	13	51	63.4
FL3-32M	32	36	14.3	12	30	79	110	11	36	79	13	51	63.4
FL4-35M	35	39	14.3	12	35	92	121	14	45	95	16	60.3	76.1
FL4-40M	40	44	14.3	12	40	92	121	14	45	95	16	60.3	76.1
FL5-45M	45	50	14.3	12	45	102	133	16	51	108	16	73	88.8
FL6-50M	50	55	17.5	16	50	111	143	16	58	117	21	79.3	100
FL7-55M	55	60	17.5	16	55	130	165	17	62	137	22	83	110
FL7-60M	60	65	17.5	16	60	130	165	17	65	137	22	83	110
FL7-65M	65	70	17.5	16	60	130	165	17	65	137	22	83	110
FL8-70M	70	75	17.5	16	65	143	175	19	71	143	25	89	120
FL8-75M	75	80	17.5	16	65	143	175	19	71	143	25	89	120
FL9-80M	80	85	22.2	20	80	152	197	22	28	117	129	108	139.7
FL9-85M	85	90	22.2	20	80	152	197	22	28	117	129	108	139.7
FL10-90M	90	95	22.2	20	80	197	241	25	91	210	32	130	170
FL10-95M	95	100	22.2	20	80	197	241	25	91	210	32	130	170
FL10-100M	100	105	22.2	20	80	197	241	25	91	210	32	130	170

Other dimensions are available on request.
\*Dimension D is with the standard bush pressed in.



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## **5 Applications**

Potential applications for GGB self-aligning bearing housings include:

- Wind energy
- Car washing machines
- Cleaning machines
- Drum systems
- Bevelling equipment
- Handling systems
- Conveyor belts (pulleys)
- Printing machines

- Heating and ventilation equipment
- Hoists
- Cranes
- Textile machinery
- Special machines
- Bakery equipment
- Marine equipment.



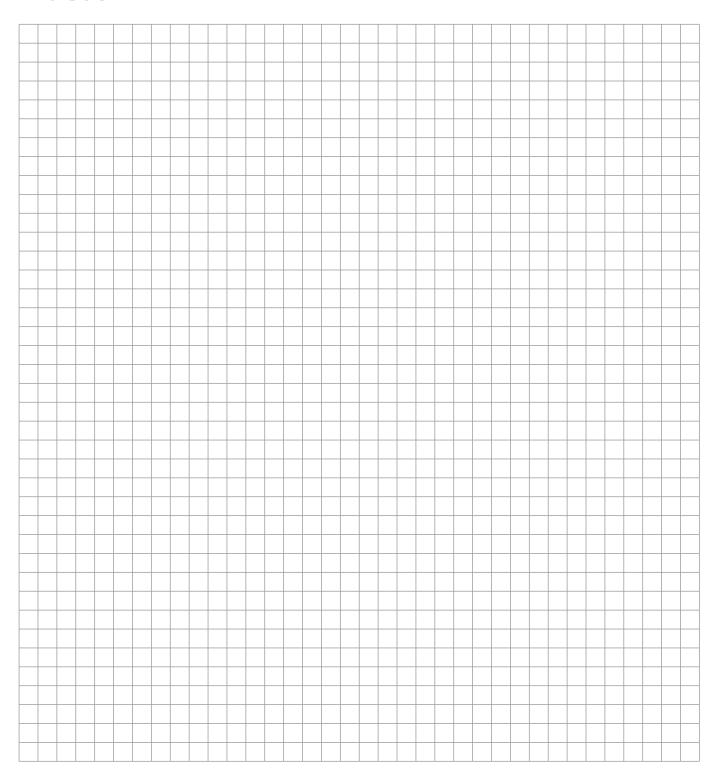








## Notes:



### **Bearing Application Data Sheet**

Not sure which GGB part fits your application requirements? Go to ggbpartfinder.com to complete a Bearing Application Data Sheet online, and one of our GGB bearing specialists will reach out to you with recommended options that meet your application requirements. You can also complete the form below and share it with your GGB sales person or distributor representative.

#### **DATA FOR BEARING DESIGN CALCULATION**

TOLERANCES  DJ  housing DH  TING ENVIRONMENT  It temperature Tamb[°]  ing with good heating transfer properties pressing or insulated housing with poor transfer properties metal housing with poor heat fer properties nate operation in water and dry  CATION  Thrust washer  uous lubrication lubrication only odynamic conditions fluid int	B B B B B B B B B B B B B B B B B B B
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	rement
Oscillating mov	/ement
	Slide plate  Slide plate  Special parts (special parts)  Steady load  Rotational move

### **Product Information**

GGB gives an assurance that the products described in this document have no manufacturing errors or material deficiencies.

The details set out in this document are registered to assist in assessing the material's suitability for the intended use. They have been developed from our own investigations as well as from generally accessible publications. They do not represent any assurance for the properties themselves.

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Edition 2016 (This edition replaces earlier editions which hereby lose their validity).

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GGB is committed to adhering to all U.S., European and international standards and regulations with regard to lead content. We have established internal processes that monitor any changes to existing standards and regulations, and we work collaboratively with customers and distributors to ensure that all requirements are strictly followed. This includes RoHS and REACH guidelines.

GGB makes it a top priority to operate in an environmentally conscious and safe manner. We follow numerous industry best practices, and are committed to meeting or exceeding a variety of internationally recognized standards for emissions control and workplace safety.

Each of our global locations has management systems in place that adhere to ISO TS 16949, ISO 9001, ISO 14001, ISO 50001 and OHSAS 18001 quality regulations.

All of our certificates can be found here: http://www.ggbearings.com/en/company/certificates. A detailed explanation of our commitment to REACH and RoHS directives can be found at www.ggbearings.com/en/company/quality-and-environment.









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The Global Leader in High Performance Bearing Solutions

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