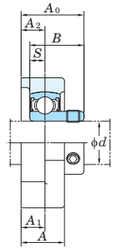
BLF
Cylindrical bore
(with set screws)
d 12 ~ 35 mm

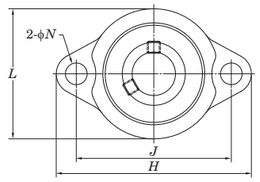
ALF
Cylindrical bore
(with eccentric locking collar)

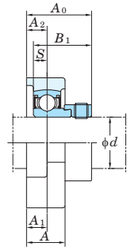


BLF ALF



BLF





ALF

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm H	L	A	J	N	A_1	A_2	S	BLF A_0	BLF B	ALF A_0	ALF B_1	Bolt Size inch / mm	Unit No.	Bearing No.	Unit No.	Bearing No.	Housing No.	Mass kg BLF	Mass kg ALF
12	1/2	3 3/16	2 1/16	23/32	2 1/2	5/16	3/8	3/8	0.236	1	0.866	1 1/4	1.122	1/4	BLF201	SB201	ALF201	SA201			
15		81	52	18	63.5	8	9.5	9.5	6	25.5	22	32	28.5	M6	BLF201-8	SB201-8	ALF201-8	SA201-8			
	5/8														BLF202	SB202	ALF202	SA202	LF203	0.25	0.28
17															BLF202-10	SB202-10	ALF202-10	SA202-10			
															BLF203	SB203	ALF203	SA203			
20	3/4	3 17/32	2 3/8	25/32	2 13/16	25/64	7/16	7/16	0.276	1 5/32	0.984	1 5/16	1.161	5/16	BLF204-12	SB204-12	ALF204-12	SA204-12	LF204	0.33	0.33
		90	60	20	71.5	10	11	11	7	29	25	33.5	29.5	M8	BLF204	SB204	ALF204	SA204			
	7/8														BLF205-14	SB205-14	ALF205-14	SA205-14			
25	15/16	3 3/4	2 17/32	25/32	2 63/64	25/64	7/16	7/16	0.295	1 3/16	1.063	1 11/32	1.201	5/16	BLF205-15	SB205-15	ALF205-15	SA205-15	LF205	0.38	0.42
		95	64	20	76	10	11	11	7.5	30.5	27	34	30.5	M8	BLF205	SB205	ALF205	SA205			
	1														BLF205-16	SB205-16	ALF205-16	SA205-16			
	1 1/8														BLF206-18	SB206-18	ALF206-18	SA206-18			
30		4 7/16	3	7/8	3 9/16	15/32	15/32	15/32	0.315	1 11/32	1.181	1 1/2	1.335	3/8	BLF206	SB206	ALF206	SA206	LF206	0.57	0.60
	1 3/16	113	76	22.5	90.5	12	12	12	8	34	30	37.9	33.9	M10	BLF206-19	SB206-19	ALF206-19	SA206-19			
	1 1/4														BLF206-20	SB206-20	ALF206-20	SA206-20			
	1 1/4														BLF207-20	SB207-20	ALF207-20	SA207-20			
	1 5/16														–	–	ALF207-21	SA207-21			
35	1 3/8	4 13/16	3 1/2	15/16	3 15/16	15/32	1/2	33/64	0.335	1 7/16	1.260	1 5/8	1.437	3/8	BLF207-22	SB207-22	ALF207-22	SA207-22	LF207	0.77	0.85
		122	89	24	100	12	13	13	8.5	36.5	32	41	36.5	M10	BLF207	SB207	ALF207	SA207			
	1 7/16														BLF207-23	SB207-23	ALF207-23	SA207-23			

Remarks
1. In Part No. of unit and units with covers, fitting codes follow bore diameter codes. (See **Table 10.5** in P.62.)
2. Allowable load to housing in radial direction is approximately half of basic load rating of bearing, C_r (when safety factor is 4).
3. For the dimensions and forms of applicable bearings, see the dimensional tables of ball bearing for unit.

Variations of tolerance of distance from mounting surface to center of spherical bore (Δ_{A2s}) and variations of tolerance of distance between centers of bolt holes (Δ_{Js})

Unit: mm

Housing No.	Δ_{A2s}	Δ_{Js}
LF203~LF207	±0.5	±0.7

Variations of tolerance of bolt hole diameter (Δ_{Ns})

Unit: mm

Housing No.	Δ_{Ns}
LF203~LF207	±0.2