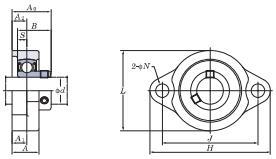
BLF
Cylindrical bore
(with set screws)
d 12 ~ 35 mm

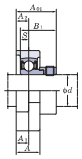
ALF
Cylindrical bore
(with eccentric locking collar)

BLF

ALF



BLF



ALF

Variations of tolerance of distance from mounting surface to center of spherical bore (Δ_{A0}) and variations of tolerance of distance between centers of bolt holes (Δ_A)

Unit: mm

Housing No.	Δ_{A0}	Δ_A
LF203~LF207	±0.5	±0.7

Variations of tolerance of bolt hole diameter ($\Delta_{\phi N}$)

Unit: mm

Housing No.	$\Delta_{\phi N}$
LF203~LF207	±0.2

Shaft Dia. mm	Shaft Dia. inch	Dimensions inch / mm												Bolt Size inch / mm	Unit No.	Bearing No.	Unit No.	Bearing No.	Housing No.	Basic Load Ratings kN		Factor	Mass kg	
										BLF		ALF												
d		H	L	A	J	N	A_1	A_2	S	A_0	B	A_{01}	B_1							C_r	C_{0r}	f_0	BLF	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	LF203	9.55	4.80	13.2	0.25	0.28
15	5/8	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						
															BLF202	SB202	**ALF202**	SA202						
															BLF202-10	SB202-10	**ALF202-10**	SA202-10						
17															**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 3/16	1.161	1/16	**BLF204-12**	SB204-12	**ALF204-12**	SA204-12	LF204	12.8	6.65	13.2	0.33	0.33
		90	60	20	71.5	10	11	11	7	29	25	33.5	29.5	M8	**BLF204**	SB204	**ALF204**	SA204						
25	7/8	3 3/4	2 17/32	25/32	2 43/64	25/64	7/16	7/16	0.295	1 3/16	1.063	1 11/32	1.201	1/16	**BLF205-14**	SB205-14	**ALF205-14**	SA205-14	LF205	14.0	7.85	13.9	0.38	0.42
	15/16	95	64	20	76	10	11	11	7.5	30.5	27	34	30.5	M8	**BLF205-15**	SB205-15	**ALF205-15**	SA205-15						
															BLF205	SB205	**ALF205**	SA205						
	1														**BLF205-16**	SB205-16	**ALF205-16**	SA205-16						
30	1 1/8	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	**BLF206-18**	SB206-18	**ALF206-18**	SA206-18	LF206	19.5	11.3	13.9	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**	SB206	**ALF206**	SA206						
	1 1/4														**BLF206-19**	SB206-19	**ALF206-19**	SA206-19						
															BLF206-20	SB206-20	**ALF206-20**	SA206-20						
35	1 1/4	4 11/16	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	**BLF207-20**	SB207-20	**ALF207-20**	SA207-20	LF207	25.7	15.4	13.9	0.77	0.85
	1 5/16	122	89	24	100	12	13	13	8.5	36.5	32	41	36.5	M10			**ALF207-21**	SA207-21						
	1 3/8														**BLF207-22**	SB207-22	**ALF207-22**	SA207-22						
															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 P62.)
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.