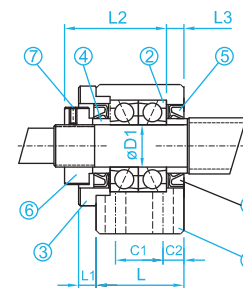
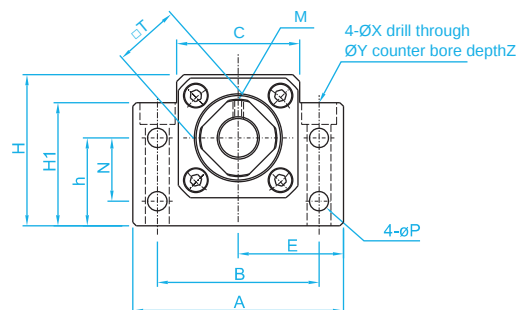


BK Mancal Fixo (Fixed End)



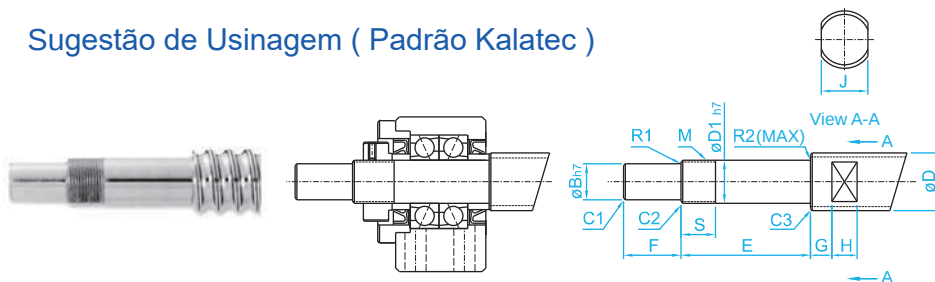
Code	Items	pcs
①	Housing	1 PCS
②	Bearing	1 SET
③	Lid	1 PCS
④	Spacer	2 PCS
⑤	Seal	2 PCS
⑥	Lock Nut	1 PCS
⑦	Screw with Washer	1 PCS

Unit: mm

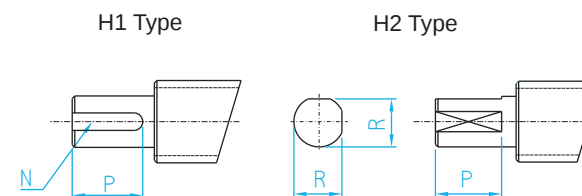
Model No.	D1	A	B	C	C1	C2	E ±0.02	H1	h ±0.02	H
BK-10	10	60	46	34	13	6	30	32.5	22	39
BK-12	12	60	46	35	13	6	30	32.5	25	43
BK-15	15	70	54	40	15	6	35	38	28	48
BK-17	17	86	68	50	19	8	43	55	39	64
BK-20	20	88	70	52	19	8	44	50	34	60

L	L1	L2	L3	T	P	N	M	X	Y	Z	Bearing Model
25	5	29	5	16	5.5	15	M3	6.6	11	5	7000ATYDFC8P5
25	5	29	5	19	5.5	18	M3	6.6	11	1.5	7001ATYDFC8P5
27	6	32	6	22	5.5	18	M3	6.6	11	6.5	7002ATYDFC8P5
35	9	44	7	24	6.6	28	M4	9	14	8.5	7203ATYDFC8P5
35	8	43	8	30	6.6	22	M4	9	14	8.5	7004ATYDFC8P5

Sugestão de Usinagem (Padrão Kalatec)



Usinagem Opcional - Necessário solicitar



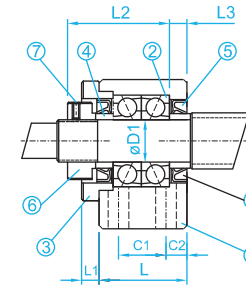
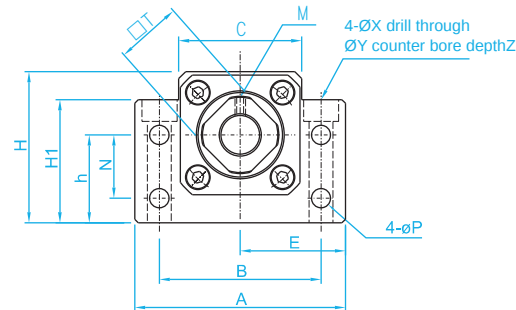
Tolerance

Dimension (mm)		h unit 0.001
Above	Under	h
6	10	-2 -15
10	18	-3 -18
18	24	-3 -21

Model No.	Diameter	D1	B	E	F	M
BK-10	Ø12, Ø14, Ø15	10	8	39	15	M10×1
BK-12	Ø14, Ø15, Ø16, Ø18	12	10	39	15	M12×1
BK-15	Ø18, Ø20	15	12	40	20	M15×1
BK-17	Ø20, Ø25	17	15	53	23	M17×1
BK-20	Ø25, Ø28	20	17	53	25	M20×1

S	J	G	H	Chamfering			Circular Radius		H1 Keyway(W×D×L)		H2		Model BK
				C1	C2	C3	R1	R2	N	P	R	P	
16	10	5	7	0.5	0.5	0.5	0.3	0.6	2×1.2	11	7.5	11	BK-10
14	13	6	8	0.5	0.5	0.5	0.3	0.6	3×1.8	12	9.5	12	BK-12
12	16	6	9	0.5	0.5	0.5	0.3	0.6	4×2.5	16	11.3	16	BK-15
17	18	7	10	0.5	0.5	0.5	0.3	0.6	5×3.0	21	14.3	21	BK-17
15	21	8	11	0.5	0.5	0.5	0.5	0.6	5×3.0	21	16	21	BK-20

BK Mancal Fixo (Fixed End)



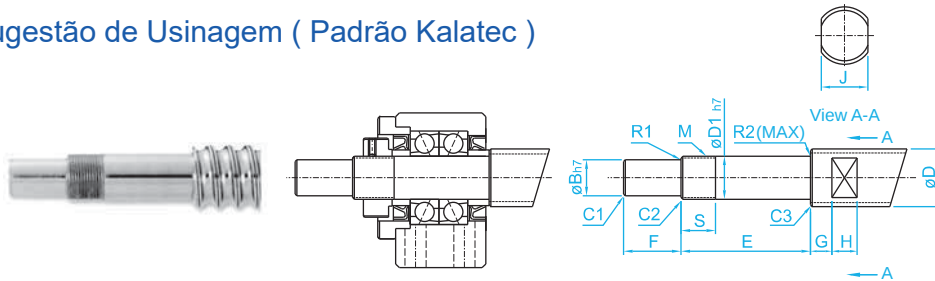
Code	Items	pcs
①	Housing	1 PCS
②	Bearing	1 SET
③	Lid	1 PCS
④	Spacer	2 PCS
⑤	Seal	2 PCS
⑥	Lock Nut	1 PCS
⑦	Screw with Washer	1 PCS

Unit: mm

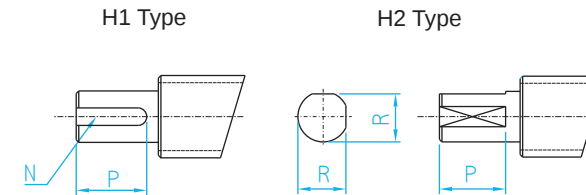
Model No.	D1	A	B	C	C1	C2	E ±0.02	H1	h ±0.02	H
BK-25	25	106	85	64	22	10	53	70	48	80
BK-30	30	128	102	76	23	11	64	78	51	89
BK-35	35	140	114	88	26	12	70	79	52	96
BK-40	40	160	130	100	33	14	80	90	60	110

L	L1	L2	L3	T	P	N	M	X	Y	Z	Bearing Model
42	12	54	9	35	9	33	M5	11	175	11	7205ATYDFC8P5
45	14	61	9	40	11	33	M6	14	20	13	7206ATYDFC8P5
50	14	67	12	50	11	35	M8	14	20	13	7207ATYDFC8P5
61	18	76	15	50	14	37	M8	18	26	175	7208ATYDFC8P5

Sugestão de Usinagem (Padrão Kalatec)



Usinagem Opcional - Necessário solicitar



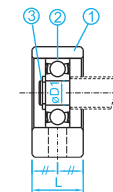
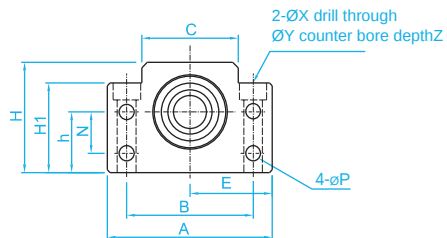
Tolerance

Dimension (mm)		h unit 0.001
Above	Under	h
18	30	-3 -21
30	50	-4 -25

Model No.	Diameter	D1	B	E	F	M
BK-25	Ø32, Ø36	25	20	65	30	M25×1.5
BK-30	Ø36, Ø40	30	25	72	38	M30×1.5
BK-35	Ø40, Ø45, Ø50	35	30	83	45	M35×1.5
BK-40	Ø50, Ø55	40	35	98	50	M40×1.5

S	J	G	H	Chamfering			Circular Radius		H1 Keyway (W×D×L)		H2		Model BK
				C1	C2	C3	R1	R2	N	P	R	P	
18	27	10	13	0.5	0.7	1.0	0.5	0.6	6×3.5	25	19	25	BK-25
25	32	10	15	0.5	0.7	1.0	0.5	1.0	8×4.0	32	23.5	32	BK-30
28	36	12	15	0.5	1.0	1.0	0.5	1.0	8×4.0	40	28.5	40	BK-35
35	41	14	19	0.5	1.0	1.0	0.5	1.0	10×5.0	45	33	45	BK-40

BF Mancal Simples (Simple End)



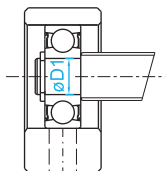
Code	Items	pcs
①	Housing	1 PCS
②	Bearing	1 PCS
③	C-Ring	1 PCS

Model No.	D1	A	B	C	E ±0.02	H1	h ±0.02	H
BF-10	8	60	46	34	30	32.5	22	39
BF-12	10	60	46	35	30	32.5	25	43
BF-15	15	70	54	40	35	38	28	48
BF-17	17	86	68	50	43	55	39	64
BF-20	20	88	70	52	44	50	34	60
BF-25	25	106	85	64	53	70	48	80
BF-30	30	128	102	76	64	78	51	89
BF-35	35	140	114	88	70	79	52	96
BF-40	40	160	130	100	80	90	60	110

Unit: mm

L	N	P	X	Y	Z	C-Ring	Bearing Model
20	15	5.5	6.6	11	5	C8	608ZZ
20	18	5.5	6.6	11	1.5	C10	6000ZZ
20	18	5.5	6.6	11	6.5	C15	6002ZZ
23	28	6.6	9	14	8.5	C17	6203ZZ
26	22	6.6	9	14	8.5	C20	6004ZZ
30	33	9	11	17.5	11	C25	6205ZZ
32	33	11	14	20	13	C30	6206ZZ
32	35	11	14	20	13	C35	6207ZZ
37	37	14	18	26	17.5	C40	6208ZZ

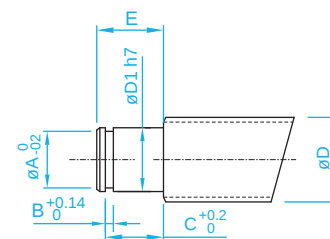
Sugestão de Usinagem (Padrão Kalatec)



Model No.	Diameter	D1	E
BF-10	Ø12, Ø14, Ø15	8	10
BF-12	Ø14, Ø15, Ø16	10	11
BF-15	Ø18, Ø20	15	13
BF-17	Ø20, Ø25	17	16
BF-20	Ø25, Ø28	20	16
BF-25	Ø32, Ø36	25	20
BF-30	Ø36, Ø40	30	21
BF-35	Ø40, Ø45, Ø50	35	22
BF-40	Ø50, Ø55	40	23

Tolerance

Dimension (mm)		h unit 0.001
Above	Under	h
6	10	-2 -15
10	18	-3 -18
18	30	-3 -21
30	50	-4 -25



C-Ring			Model BF
A	B	C	
7.6	0.9	7.9	BF-10
9.6	1.15	9.15	BF-12
14.3	1.15	10.15	BF-15
16.2	1.15	13.15	BF-17
19.0	1.35	13.35	BF-20
23.9	1.35	16.35	BF-25
28.6	1.75	17.75	BF-30
33.0	1.75	18.75	BF-35
38.0	1.95	19.95	BF-40