

14 Pad Ring



Thrust Bearings Reference Codes

Example: 08136 NFR/HB1

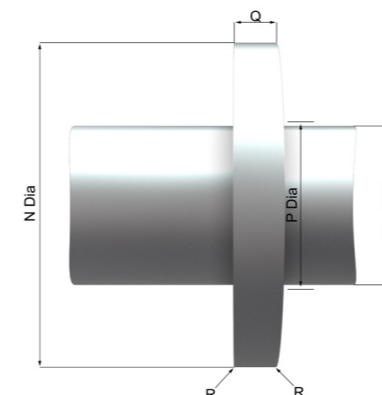
1	2		3	4	5	6	7				
Number of Thrust Pads in Full Ring	Thrust Pad Size (approx. width in mm)		Retaining Ring Form	Lubrication Arrangement	Pad Handing/Pivot Position	Retaining Ring	With or Without Adjusting Liners				
06	012	052	N Normal or standard form (all bearings in this catalogue)	F Flooded lubrication	L Left hand (anti-clockwise)	H Split (in halves)	A Without liners				
	014	057									
	017	061									
08	020	068					E Equalising segments fitted (not shown in this catalogue)	D Directed or "Low Loss" Lubrication	R Right hand (clockwise)	W Left whole	B With liners or spaces
	023	074									
	026	081									
11	028	089	B ₁ With steel liner left thick for finish machining by customer during installation								
	031	097									
14	034	105		B ₂ As "B" including shims for adjusting							
	037	115									
	040	125									
18	044	136			B ₃ With steel liner finished machined to size						
	048										
			B ₄ As "B ₃ " including shims for adjusting								

Key features

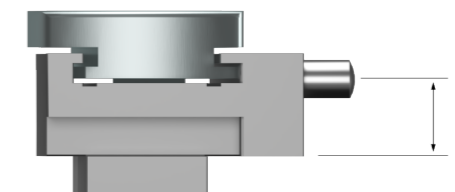
- Axial adjustment using a combination of shims and liners, finished to required thickness
- Specialist pad handing of either offset or centre pivots to suit direction of rotation
- Instrumentation to provide remote monitoring of bearing performance
- Flooded or directed 'low loss' lubrication alternatives
- 8 pad and 11 pad quantity sets can be equalised to accommodate shaft misalignment



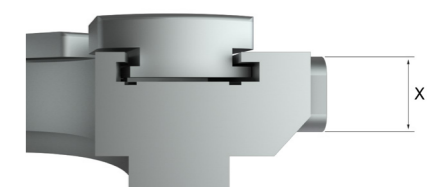
Thrust pad stop



Detail of combined collar and shaft

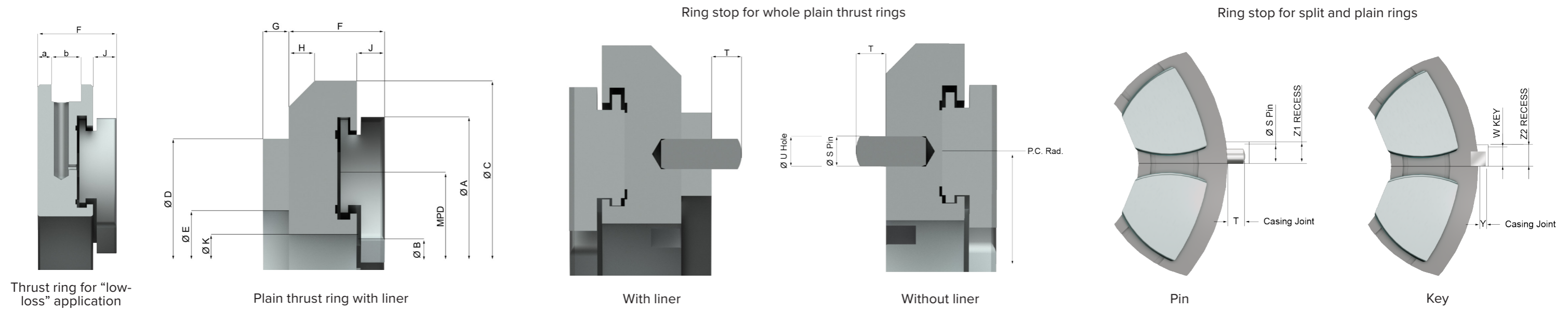


Stop pin in small thrust rings



Stop key in large thrust rings

Technical information



Pad ring ref	Max shaft DIA mm	Thrust surface mm ²	Max thrust load		MPD (approx)	Total axial clearance	A	B	C	D	E	F	G	H	I	K	N	P	Q	R	Ring stop for 'whole' and 'plain' thrust rings or 'low loss' thrust rings				Ring stop for 'split' and 'plain' thrust rings								a	b	
			Offset kN	Centre kN																	S	T	U	P.C. rad	Pin or key	S	T	Z1	V	w	X	Y			Z2
14012	55	1,960	4.87	4.25	71.3	0.20	82.5	58	95.25	81	62	12.70	3.2	3	2.5	58.5	84	57	7	0.4	3.2	3.5	4	35.7	PIN	3.2	3.5	3.8	6					3.0	5.0
14014	65	2,744	7.27	6.6	85.5	0.20	98.5	70	111.13	97	75	14.29	3.2	3	2.5	71	100	68	9	0.4	4.0	4	5	42.9	PIN	4.0	4	4.8	7					3.0	6.5
14017	78	3,948	11.4	10.7	101.0	0.20	117	82	130.18	114	89	15.88	3.2	4	4	84	121	80	10	0.8	4.8	5	5.8	50.8	PIN	4.8	5	5.3	8					3.0	6.5
14020	92	5,656	17.5	16.5	119.3	0.25	138	97	152.40	137	105	19.05	4.8	5	4	99	141	95	13	0.8	5.6	6	6.5	60.3	PIN	5.6	6	6.4	10					4.0	8.5
14023	110	8,190	27.7	26.0	143.4	0.25	165	118	184.15	159	127	20.64	4.8	5	5.5	120	168	114	16	0.8	6.4	7	7.5	71.4	PIN	6.4	7	7.2	10					4.0	8.5
14026	120	9,660	34.7	32.4	156.8	0.30	181	128	200.03	175	137	22.23	4.8	5	5.5	131	184	125	17	0.8	7.9	8	9	77.8	PIN	7.9	8	9	10					4.0	9.5
14028	130	11,480	41.6	39.0	170.9	0.30	197	140	219.08	191	152	23.81	4.8	6	6.5	144	200	137	19	0.8	7.9	8	9	85.7	PIN	7.9	8	9	12					4.0	10.0
14031	142	13,580	50.1	46.7	185.6	0.30	214	152	238.13	210	165	25.40	4.8	6	6.5	155	217	149	21	0.8	9.5	8	10.5	93.7	PIN	9.5	8	10.3	13					4.5	10.5
14034	155	16,240	61.6	57.5	203.9	0.35	235	167	260.35	225	181	26.99	6.4	6	7.5	172	238	164	22	0.8	9.5	8	10.5	101.6	PIN	9.5	8	10.3	13					4.5	11.0
14037	170	19,684	76.0	71.3	223.1	0.35	257	183	282.58	248	197	28.58	6.4	6	7.5	188	260	179	24	0.8	11.1	8	12.5	111.1	PIN	11.1	8	12	13					5.5	11.5
14040	182	23,380	91.9	86.3	241.9	0.35	279	198	307.98	267	216	31.75	6.4	6	9.5	205	283	195	27	0.8	11.1	8	12.5	120.7	PIN	11.1	8	12	15					5.5	12.5
14044	200	28,280	114.0	105.0	264.3	0.40	305	216	333.38	292	235	34.93	6.4	8	9.5	224	308	213	30	0.8	12.7	10	14	131.8	KEY					15.9	22.2	5.6	17	5.5	15.0
14048	220	33,320	138.0	124.0	287.6	0.40	332	235	361.95	318	254	38.10	6.4	10	9.5	243	335	232	32	0.8	12.7	10	14	142.9	KEY					15.9	22.2	5.6	17	5.5	18.0
14052	240	39,480	165.8	147.0	313.9	0.40	362	257	393.70	352	276	41.28	9.5	11	11.5	264	365	254	35	0.8	15.9	13	17.5	157.2	KEY					15.9	22.2	5.6	17	6	18.0
14057	260	46,900	197.0	178.0	341.8	0.50	394	280	425.45	378	302	44.45	9.5	11	11.5	289	400	273	38	1.5	15.9	13	17.5	169.6	KEY					19.1	25.4	6.4	20	6	20.0
14061	285	56,000	235.2	214.0	375.6	0.50	432	309	463.55	416	327	47.63	9.5	13	13.5	319	438	302	43	1.5	19.1	13	21	185.7	KEY					19.1	25.4	6.4	20	7	20.0
14068	310	67,620	284.0	261.0	407.7	0.50	470	334	501.65	451	362	50.80	9.5	13	13.5	345	476	327	48	1.5	19.1	13	21	203.2	KEY					19.1	28.6	6.4	20	7	23.0
14074	340	80,780	339.0	313.0	445.8	0.50	514	365	546.10	495	394	53.98	9.5	13	13.5	377	521	359	51	1.5	22.2	16	24	222.3	KEY					22.2	31.8	8	23	8	24.0
14081	370	96,180	404.0	374.0	483.8	0.60	558	396	596.90	533	432	60.33	9.5	14	15	409	565	391	54	1.5	22.2	16	24	241.3	KEY					22.2	34.9	8	23	9	27.0
14089	400	113,400	476.0	442.0	528.6	0.60	610	432	647.70	584	470	66.68	9.5	16	15	446	616	425	60	1.5	25.4	16	27	263.5	KEY					22.2	38.1	8	23	9	33.0

OVER	13	22	41	65
"F" UP TO AND INC.	22	41	65	92
TOLERANCE	+0.010 -0.030	+0.013 -0.043	+0.015 -0.056	+0.020 -0.071

Dimensions are in millimetres. Please contact us for additional details if required.
Michell Bearings reserve the right to change the design without notice.