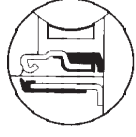
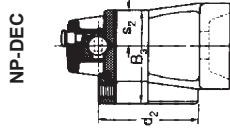
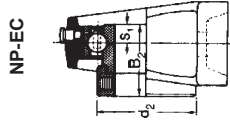
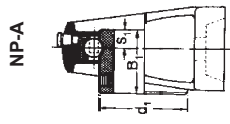
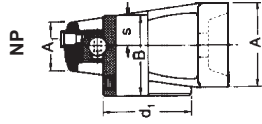
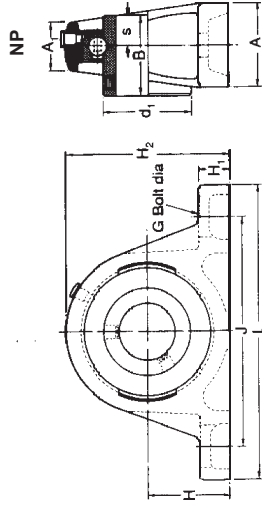


NP SERIES



Bearing inserts withlinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. NP40FS.

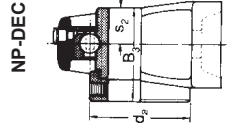
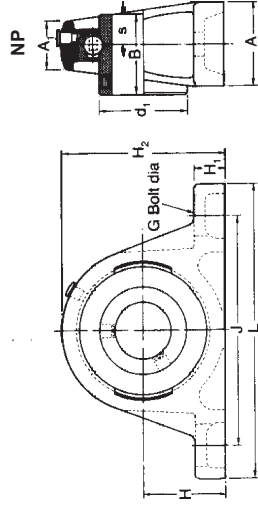
Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TNP25.

Shaft diameter	RHP designation	Basic bearing insert	Casting Dimensions						bolt centres	
			L	H	H1	H2	Jmax	Jmin		
mm	inches		mm	inches	mm	inches	mm	inches	mm	inches
12	NP12	NP12EC	126.5	30.20	14.2	57.2	100.5	85.5		
15	NP15	NP15EC	4.980	1.189	.559	2.252	3.957	3.366		
16	NP16	NP16EC								
17	NP17	NP17EC								
1/2	NP1/2	NP1/2EC								
5/8	NP5/8	NP5/8EC								
20	NP20	NP20EC	127.0	33.30	14.0	65.2	100.5	88.5		
	NP3/4	NP3/4A	5.000	1.311	.551	2.567	3.957	3.484		
25	NP25	NP25A	139.0	36.50	16.0	71.0	112.7	96.8		
7/8	NP7/8	NP7/8EC	5.472	1.437	.630	2.795	4.437	3.811		
15/16	NP15/16	NP15/16DEC								
1	NP1	NP1A								
30	NP30	NP30EC	160.5	42.90	17.7	82.7	129.5	106.5		
1 1/8	NP1 1/8	NP1 1/8EC	6.319	1.689	.697	3.256	5.098	4.272		
1 3/16	NP1 3/16	NP1 3/16EC								
1 1/4	NP1 1/4	NP1 1/4AR								
35	NP35	NP35A	166.0	47.60	17.5	93.0	136.5	121.5		
1 1/4	NP1 1/4	NP1 1/4A	6.535	1.874	.689	3.661	5.374	4.783		
1 3/8	NP1 3/8	NP1 3/8EC								
1 7/16	NP1 7/16	NP1 7/16EC								
40	NP40	NP40A	180.5	49.20	18.5	98.5	148.0	127.0		
1 1/2	NP1 1/2	NP1 1/2A	7.106	1.937	.728	3.878	5.827	5.000		
45	NP45	NP45A	190.5	54.00	20.0	108.0	154.5	140.5		
1 5/8	NP1 5/8	NP1 5/8EC	7.500	2.126	.787	4.252	6.083	5.531		
1 11/16	NP1 11/16	NP1 11/16EC								
1 3/4	NP1 3/4	NP1 3/4A								
50	NP50	NP50A	206.0	57.20	21.0	115.2	163.0	154.0		
1 7/8	NP1 7/8	NP1 7/8EC	8.110	2.252	.827	4.535	6.417	6.063		
1 15/16	NP1 15/16	NP1 15/16EC								
2	NP2R	NP2R								
55	NP55	NP55DEC	219.5	63.50	24.8	129.5	178.5	162.5		
2	NP2	NP2DEC	8.641	2.500	.976	5.098	7.028	6.398		
2 1/8	NP2 1/8	NP2 1/8DEC								
2 3/16	NP2 3/16	NP2 3/16DEC								
60	NP60	NP60DEC	240.0	69.90	26.3	142.3	201.0	176.0		
2 1/4	NP2 1/4	NP2 1/4DEC	9.449	2.752	1.035	5.602	7.913	6.929		
2 3/8	NP2 3/8	NP2 3/8DEC								
2 7/16	NP2 7/16	NP2 7/16DEC								

Please check availability

G	A	A1	B	B1	B2	B3	S	S1	S2	d1	d2	ISO load ratings		Rec. max. speed	Mass
												dynamic C _r	static C _{0r}		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	newtons	newtons	rev/min	kg
inches	inches	inches	inches	inches	inches	inches	inches	inches	inches	inches	inches	lbf	lbf	rpm	lb
10	30.5	20.5	27.38	-	28.54	-	11.55	6.55	-	24.21	28.58	4760	9550	7000	0.5
3/8	1.201	.807	1.078	-	1.124	-	.455	.258	-	.963	1.125	2150	2150	1070	1.0
10	32.5	22.5	30.96	25.77	30.92	43.62	12.75	7.56	17.12	28.50	33.30	12800	12800	6700	0.6
3/8	1.280	.886	1.219	1.015	1.217	1.717	.502	.298	.674	1.122	1.311	2880	2880	1480	1.4
10	36.5	24.5	34.11	27.35	30.92	44.40	14.32	7.56	17.49	34.01	38.10	14000	14000	6250	0.7
3/8	1.437	.965	1.343	1.077	1.217	1.748	.564	.298	.689	1.339	1.500	3150	3150	1770	1.5
12	41.5	27.5	38.10	31.21	35.68	48.42	15.93	9.04	18.32	40.00	44.45	11300	19500	5300	1.3
1/2	1.634	1.083	1.500	1.229	1.405	1.906	.627	.356	.721	1.575	1.750	4380	4380	2940	2.9
12	44.5	30.5	42.88	34.90	38.88	51.18	17.53	9.55	18.89	46.69	55.58	25700	25700	4500	1.7
1/2	1.752	1.201	1.688	1.374	1.531	2.015	.690	.376	.744	1.838	2.188	5780	5780	3440	3.8
12	51.0	34.5	49.23	41.18	43.64	56.34	19.10	11.05	21.46	52.70	60.30	29100	29100	4000	2.1
1/2	2.008	1.358	1.938	1.621	1.718	2.218	.752	.435	.845	2.075	2.374	6540	6540	4660	4.6
12	54.0	35.0	49.23	41.18	43.64	56.34	19.10	11.05	21.46	57.30	63.50	32500	32500	3700	2.8
1/2	2.126	1.378	1.938	1.621	1.718	2.218	.752	.435	.845	2.256	2.500	7310	7310	4610	6.2
16	55.0	36.0	51.59	43.54	43.64	62.70	19.10	11.05	24.65	62.20	69.85	35000	35000	3400	3.2
5/8	2.165	1.417	2.031	1.714	1.718	2.469	.752	.435	.970	2.449	2.750	7870	7870	5220	7.1
16	60.0	39.5	55.55	-	-	71.44	22.28	-	27.82	68.81	76.20	43500	43500	3100	4.0
5/8	2.362	1.555	2.187	-	-	2.813	.877	-	1.095	2.709	3.000	9780	9780	6560	8.8
16	70.0	46.0	65.07	-	-	77.82	25.45	-	31.02	75.34	84.12	52500	52500	2800	5.9
5/8	2.756	1.811	2.562	-	-	3.064	1.002	-	1.221	2.966	3.312	11800	11800	8070	13.1

NP SERIES
(continued)



Shaft diameter	RHP designation	Basic Casting Dimensions				bolt centres				
		Basic bearing insert	group	Dimensions	L	H	H1	H2	J max	J min
mm	inches			mm	inches					
65	NP65	1065	10/65	250.0	69.90	26.3	144.3	205.0	176.0	
	NP21/2DEC			984.3	2.752	1.035	5.681	8.071	6.929	
70	NP70	1070	11	266.0	79.4	30.2	156.0	220.0	200.0	
	NP211/16			10.472	3.126	1.189	6.142	8.661	7.874	
75	NP75	1075	12	275.0	82.6	28.0	164.0	228.0	206.0	
	NP23/4			10.827	3.252	1.102	6.457	8.976	8.110	
	NP71/8									
	NP215/16									
80	NP80	1080	13	291.0	88.9	30.0	174.0	241.0	214.0	
	NP3L			11.457	3.500	1.181	6.850	9.488	8.425	
85	NP85	1085	14	310.0	95.2	32.0	187.0	262.0	232.0	
	NP31/4			12.205	3.748	1.260	7.362	10.315	9.134	
90	NP90	1090	15	327.0	101.6	36.0	200.0	280.0	244.0	
	NP37/16			12.874	4.000	1.417	7.874	11.024	9.606	
3/2	NP31/2									

G	A	A1	B	B1	B2	B3	s	s1	s2	d1	d2	ISO load ratings		Rec. max. speed	Mass (approx.)
												C _r	C _{or}		
												newtons	newtons	rev/	kg
												lbf	lbf	min	lb
16	70.0	45.0	65.07	-	-	77.82	25.45	-	31.02	82.40	87.33	57500	40000	2600	5.9
9/8	2.756	1.772	2.562	-	-	3.064	1.002	-	1.221	3.244	3.438	12930	8990	13.1	13.1
24	72.0	47.0	74.63	-	-	85.36	30.23	-	34.19	87.00	96.82	62000	44000	2450	8.0
7/8	2.835	1.850	2.938	-	-	3.361	1.190	-	1.346	3.425	3.812	13940	9890	17.6	17.6
24	74.0	48.0	77.77	-	-	91.72	33.37	-	37.37	92.00	101.60	66000	49300	2300	9.0
7/8	2.913	1.890	3.062	-	-	3.611	1.314	-	1.471	3.622	4.000	14840	11080	19.8	19.8
24	78.0	56.0	82.55	-	-	-	33.37	-	-	98.50	-	72500	53000	2150	9.7
7/8	3.071	2.205	3.250	-	-	-	1.314	-	-	3.878	-	16300	11910	21.4	21.4
24	83.0	56.0	85.72	-	-	-	34.18	-	-	106.02	-	83500	63800	2000	11.8
7/8	3.268	2.205	3.375	-	-	-	1.346	-	-	4.174	-	18770	14340	26.0	26.0
24	88.0	62.0	95.04	-	-	-	39.73	-	-	111.66	-	96000	71500	1900	14.7
7/8	3.465	2.441	3.781	-	-	-	1.564	-	-	4.396	-	21580	17870	32.4	32.4