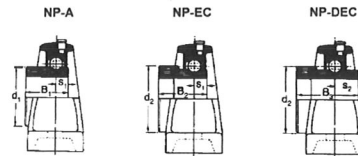
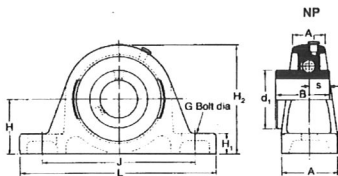


Self-Lube cast iron pillow block units

RHP bearings

NP SERIES



Bearing inserts with finger 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 mm inches	RHP designation		Basic bearing insert	Casting group	Dimensions				bolt centres Jmax Jmin	
					L	H	H1	H2		
					mm inches					
12 15 16 17 1 1/8 1 1/8	NP12 NP16 NP16 NP17 NP17 NP17	NP12EC NP16EC NP16EC NP17EC NP17EC NP17EC	1017	1	126.5 4.980	30.20 1.189	14.2 .559	57.2 2.252	100.5 3.957	85.5 3.366
20 25 25 1 1/2 1 1/2 1	NP20 NP25 NP25 NP25 NP25 NP25	NP20A NP25A NP25A NP25A NP25A NP25A	1020 1025 1025 1025 1025 1025	2 3 3 3 3 3	127.0 5.000 139.0 5.472	33.30 1.311 36.50 1.437	14.0 .551 16.0 .630	65.2 2.567 71.0 2.795	100.5 3.957 112.7 4.437	88.5 3.484 96.6 3.811
30 35 35 1 1/2 1 1/2 1 1/2	NP30 NP35 NP35 NP35 NP35 NP35	NP30A NP35A NP35A NP35A NP35A NP35A	1030 1035 1035 1035 1035 1035	4 5 5 5 5 5	160.5 6.319 166.0 6.535	42.90 1.689 47.00 1.874	17.7 .697 17.5 .689	82.7 3.256 93.0 3.661	129.5 5.098 136.5 5.374	108.5 4.272 121.5 4.763
40 45 45 1 1/2 1 1/2 1 1/2	NP40 NP45 NP45 NP45 NP45 NP45	NP40A NP45A NP45A NP45A NP45A NP45A	1040 1045 1045 1045 1045 1045	6 7 7 7 7 7	180.5 7.106 190.5 7.500	49.20 1.937 54.00 2.126	18.5 .728 20.0 .787	98.5 3.878 108.0 4.252	148.0 5.827 154.5 6.083	127.0 5.000 140.5 5.531
50 55 55 2 2 1/8 2 1/8	NP50 NP55 NP55 NP55 NP55 NP55	NP50A NP55A NP55A NP55A NP55A NP55A	1050 1055 1055 1055 1055 1055	8 9 9 9 9 9	206.0 8.110 219.5 8.641	57.20 2.252 63.50 2.500	21.0 .827 24.8 .976	115.2 4.535 129.5 5.098	163.0 6.417 178.5 7.028	154.0 6.063 162.5 6.398
60 60 2 1/4 2 1/4 2 1/4	NP60 NP60 NP60 NP60 NP60 NP60	NP60A NP60A NP60A NP60A NP60A NP60A	1060 1060 1060 1060 1060 1060	10 10 10 10 10 10	240.0 9.449	69.90 2.752	26.3 1.035	142.3 5.602	201.0 7.913	176.0 6.929

Please check availability

G	A	A1	B	B1	B2	B3	s	s1	s2	d1	d2	ISO load ratings		Rec. max. speed	Mass (approx.)
												dynamic Cr	static Cor		
mm inches												newtons lbf	newtons lbf	rev/min	kg lb
10 1 1/8	30.5 1.201	20.5 .807	27.38 1.078	-	28.54 1.124	-	11.55 .455	6.55 .258	-	24.21 .953	28.58 1.125	9550 2150	4760 1070	7000 1070	0.5 1.0
10 1 1/8	32.5 1.280	22.5 .886	30.96 1.219	25.77 1.015	30.92 1.217	43.62 1.717	12.75 .502	7.56 .298	17.12 .674	28.50 1.122	33.30 1.311	12800 2880	6560 1480	6700 1480	0.6 1.4
10 1 1/8	36.5 1.437	24.5 .965	34.11 1.343	27.35 1.077	30.92 1.217	44.40 1.746	14.32 .564	7.56 .298	17.49 .689	34.61 1.339	38.10 1.500	14000 3150	7660 1770	6250 1770	0.7 1.5
12 1 1/4	41.5 1.634	27.5 1.083	38.10 1.500	31.21 1.229	35.68 1.405	48.42 1.906	15.93 .627	9.04 .356	18.32 .721	40.00 1.575	44.45 1.750	19500 4380	11300 2540	5300 2540	1.3 2.9
12 1 1/4	44.5 1.752	30.5 1.201	42.88 1.688	34.90 1.374	38.88 1.531	51.18 2.015	17.53 .690	9.55 .376	18.69 .744	46.69 1.838	55.58 2.188	25700 5780	15300 3440	4500 3440	1.7 3.8
12 1 1/4	51.0 2.008	34.5 1.358	49.23 1.938	41.18 1.621	43.64 1.718	56.34 2.218	19.10 .752	11.05 .435	21.46 .845	52.70 2.075	60.30 2.374	29100 6540	17900 4020	4000 4020	2.1 4.6
12 1 1/4	54.0 2.126	35.0 1.378	49.23 1.938	41.18 1.621	43.64 1.718	56.34 2.218	19.10 .752	11.05 .435	21.46 .845	52.70 2.075	60.30 2.374	32500 7310	20500 4610	3700 4610	2.8 6.2
16 1 1/2	55.0 2.165	36.0 1.417	51.59 2.031	43.54 1.714	43.64 1.718	62.70 2.469	19.10 .752	11.05 .435	24.65 .970	62.20 2.449	69.85 2.750	35000 7870	23200 5220	3400 5220	3.2 7.1
16 1 1/2	60.0 2.362	39.5 1.555	55.55 2.187	-	-	71.44 2.813	22.28 .877	-	27.82 1.095	68.81 2.709	76.20 3.000	43500 9780	29200 6560	3100 6560	4.0 8.8
16 1 1/2	70.0 2.756	46.0 1.811	65.07 2.562	-	-	77.82 3.064	25.45 1.002	-	31.02 1.221	75.34 2.966	84.12 3.312	52500 11800	35900 8070	2800 8070	5.9 13.1