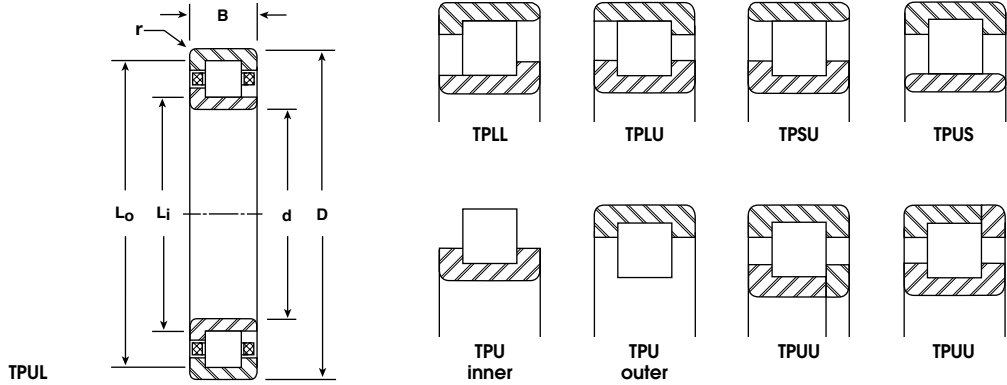




Metric Series

Bore Sizes 90-130 mm



BASIC P/N	BORE d		O.D. D		WIDTH B		NOMINAL ROLLER PATH DIA.		MOUNTING SHOULDER DIA.		FILLET RADIUS r	ROLLER		LOAD RATINGS LBS	
	mm	INCH	mm	INCH	mm	INCH	INNER	OUTER	MIN. SHAFT Li	MAX. HOUSING Lo		NO.	DIA. & LENGTH mm	DYN. C	STATIC Co
							INCH	INCH	INCH	INCH					
TP1818	90	3.5433	115	4.5276	13	.5118	3.7603	4.3115	3.740	4.360	.039	36	7	10500	14000
TP1918	90	3.5433	125	4.9213	18	.7087	3.8213	4.6874	3.762	4.693	.039	24	11	17900	22400
TP118	90	3.5433	140	5.5118	24	.9449	3.9668	5.1479	3.840	5.215	.059	20	15	27800	33700
TP218	90	3.5433	160	6.2992	30	1.1811	4.1336	5.7085	3.979	5.870	.079	16	20	40400	46800
TP318	90	3.5433	190	7.4803	43	1.6929	4.3899	6.7521	4.087	6.934	.098	12	30	70100	75300
TP1819	95	3.7402	120	4.7244	13	.5118	3.9567	4.5079	3.920	4.530	.039	38	7	10900	14800
TP1919	95	3.7402	130	5.1181	18	.7087	4.0181	4.8843	3.969	4.902	.039	26	11	19000	24400
TP119	95	3.7402	145	5.7087	24	.9449	4.1263	5.3861	4.033	5.411	.059	20	16	31200	37900
TP219	95	3.7402	170	6.6929	32	1.2598	4.3934	6.1257	4.184	6.257	.079	16	22	48200	56200
TP319	95	3.7402	200	7.8740	45	1.7717	4.6100	7.1297	4.297	7.325	.098	12	32	78900	85200
TP1820	100	3.9370	125	4.9213	13	.5118	4.1533	4.7044	4.140	4.770	.039	40	7	11300	15700
TP1920	100	3.9370	140	5.5118	20	.7874	4.2518	5.1966	4.179	5.278	.039	24	12	21300	27100
TP120	100	3.9370	150	5.9055	24	.9449	4.3225	5.5824	4.238	5.614	.059	20	16	31600	38800
TP220	100	3.9370	180	7.0866	34	1.3386	4.5279	6.4964	4.392	6.637	.079	14	25	56100	63600
TP1821	105	4.1339	130	5.1181	13	.5118	4.3613	4.9125	4.350	4.932	.039	42	7	11700	16500
TP1921	105	4.1339	145	5.7087	20	.7874	4.4489	5.3938	4.361	5.475	.039	24	12	20900	26500
TP121	105	4.1339	160	6.2992	26	1.0236	4.5804	5.9190	4.523	5.968	.079	20	17	34700	42700
TP221	105	4.1339	190	7.4803	36	1.4173	4.8344	6.8817	4.607	7.014	.079	14	26	60500	69300
TP1822	110	4.3307	140	5.5118	16	.6299	4.5681	5.2767	4.560	5.300	.039	34	9	15600	21200
TP1922	110	4.3307	150	5.9055	20	.7874	4.6453	5.5901	4.560	5.670	.039	26	12	22200	28800
TP122	110	4.3307	170	6.6929	28	1.1024	4.7634	6.2594	4.725	6.294	.079	18	19	40400	49200
TP222	110	4.3307	200	7.8740	38	1.4961	5.0002	7.2049	4.810	7.391	.079	14	28	70400	81500
TP1824	120	4.7244	150	5.9055	16	.6299	4.9636	5.6722	4.940	5.700	.039	38	9	17400	24600
TP1924	120	4.7244	165	6.4961	22	.8661	5.0867	6.1891	4.960	6.250	.039	26	14	29600	39100
TP124	120	4.7244	180	7.0866	28	1.1024	5.1946	6.6906	5.125	6.738	.079	20	19	43200	54400
TP224	120	4.7244	215	8.4646	40	1.5748	5.4726	7.8348	5.203	7.980	.079	14	30	79300	92600
TP1826	130	5.1181	165	6.4961	18	.7087	5.4140	6.2014	5.390	6.240	.039	36	10	20100	38300
TP1926	130	5.1181	180	7.0866	24	.9449	5.5117	6.6928	5.457	6.750	.059	26	15	33900	45500
TP126	130	5.1181	200	7.8740	33	1.2992	5.7082	7.2830	5.530	7.450	.079	20	20	47800	61200
TP226	130	5.1181	230	9.0551	40	1.5748	5.9643	8.3265	5.693	8.472	.098	16	30	87000	106500

Notes:

- NHBB typically manufactures roller bearings in both 52100 and M50 material to ABEC 5 tolerances per ABMA Standard 20. Other materials and tolerances are available.
- All cages are metallic and one-piece machined.
- Standard rollers have equal length and diameter. Rectangular rollers, typically under a 2:1 length-to-diameter ratio, are also available.
- Custom features such as puller grooves, mounting flanges and anti-rotation devices can be designed into all ring configurations.
- Fillet Radius (r) is the maximum shaft or housing fillet radius that bearing corners will clear.