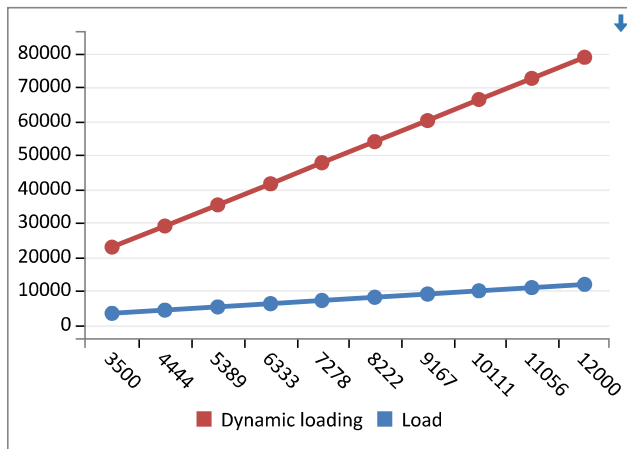


Bearing Life Calculator		
Blue cells editable		
identical bearings tested under loads Eq. 1		
life at load P_2 , $L_2 =$	2.000e+006	# revs.
load, $P_1 =$	1550.00	N
load, $P_2 =$	1000.00	N
factor, $k =$	3.00	-
Results		
Eq.1, life at load P_1 , $L_1 =$	5.371e+5	# revs.

Bearing Life Calculator		
basic dynamic load rating Eq. 3		
life at load $L =$	5.250e+008	# revs.
load, $P =$	7500.00	N
factor, $k =$	3.33	-
Results		
Eq.3, basic dynamic loading $C =$	49195.56	N

Graph load vs basic dynamic loading		
Low load, $P_L =$	3500.00	N
High load, $P_H =$	12000.00	N



Graph Collection Load vs Dynamic loading	Load	dynamic loading
	3500	22958
	4444	29153
	5389	35348
	6333	41543
	7278	47738
	8222	53933
	9167	60128
	10111	66323
	11056	72518
12000	78713	