

PRODUCT CODE

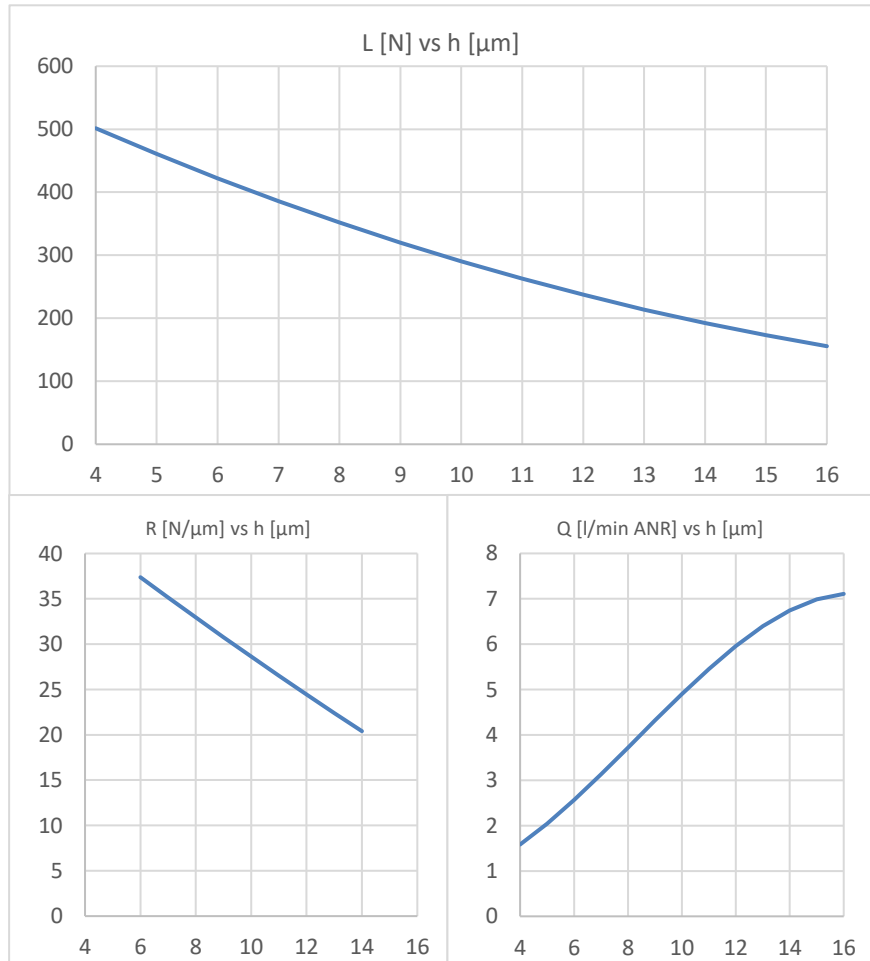
PRODUCT DESCRIPTION

WF10100P04000

HPR2.0 FLAT RECTANGULAR AIR BEARING 030x068x15

performances @ 4 bar air supply

AIR GAP <i>h</i>	LOAD <i>L</i>	STIFFNESS <i>R</i>	AIR CONSUMPTION <i>Q</i>
[μm]	[N]	[N/ μm]	[l/min ANR]
4	502		1,6
5	461		2,0
6	422	37	2,6
7	386	35	3,1
8	352	33	3,7
9	320	31	4,3
10	290	29	4,9
11	263	27	5,5
12	237	24	6,0
13	214	22	6,4
14	192	20	6,7
15	173		7,0
16	156		7,1



TOLERANCES FOR ALL VALUES: $\pm 10\%$

$$L = L(h) = 688,2 - 51,472h + 1,228h^2 - 0,00538h^3 \quad (\text{valid for } h \text{ from } 4\mu\text{m to } 16\mu\text{m})$$



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