

PRODUCT CODE

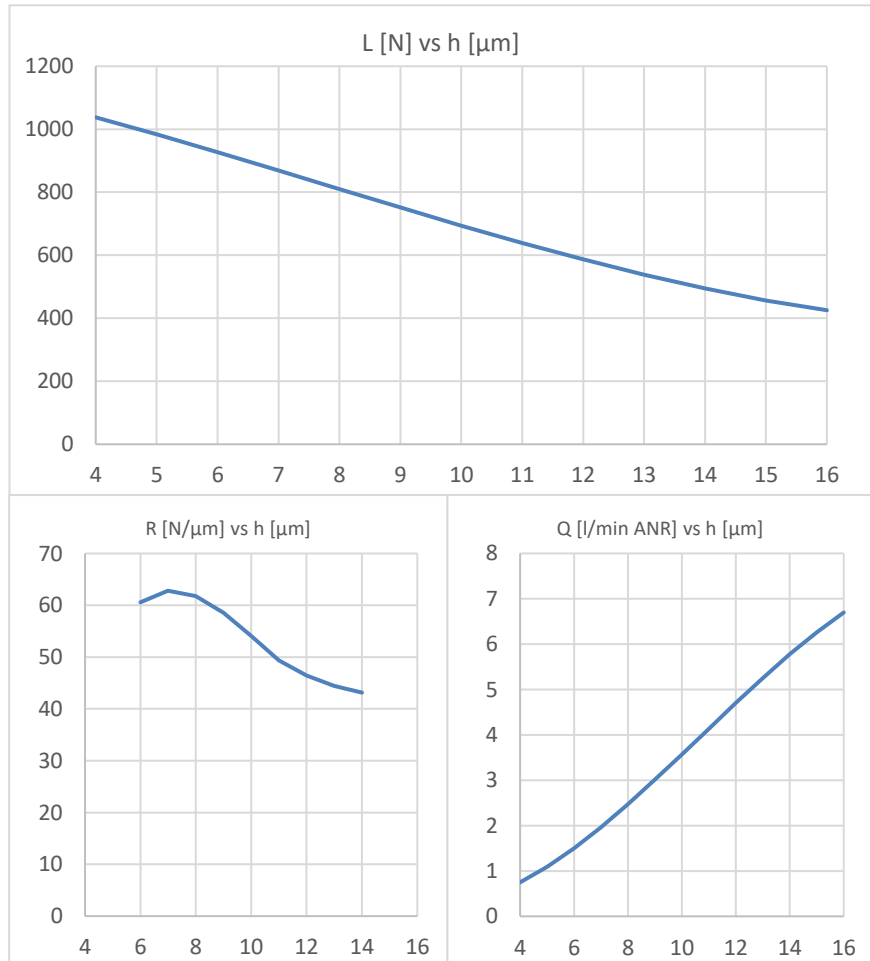
PRODUCT DESCRIPTION

WF10200P04000

HPC2.2 FLAT ROUND AIR BEARING D070x19

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	1038		0,7
5	984		1,1
6	927	61	1,5
7	869	63	2,0
8	810	62	2,5
9	752	59	3,0
10	694	54	3,6
11	639	49	4,1
12	587	46	4,7
13	538	44	5,3
14	495	43	5,8
15	457		6,3
16	425		6,7



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

$$L = L(h) = 1210,9 - 31,68h - 3,518h^2 + 0,1519h^3$$

(valid for h from 4 μm to 16 μm)



rel. 2020-12-09

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