

PRODUCT CODE

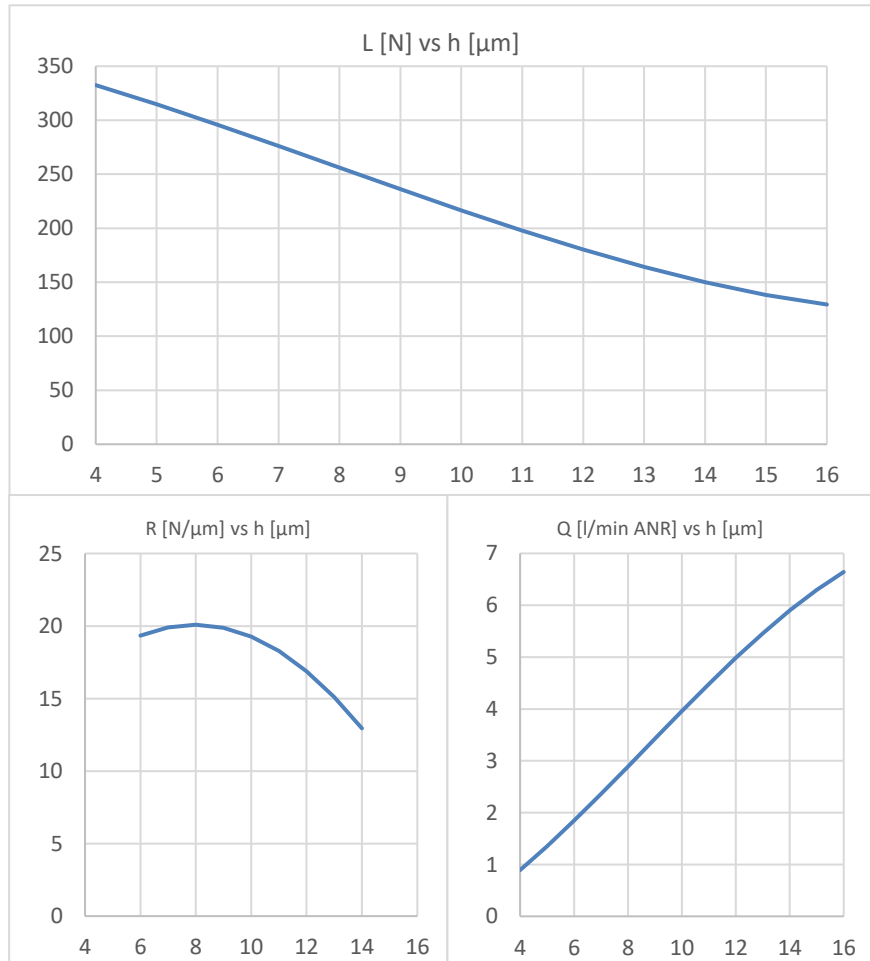
PRODUCT DESCRIPTION

WF10200P01000

HPC1.0 FLAT ROUND AIR BEARING D040x12

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	332		0,9
5	315		1,4
6	296	19	1,8
7	276	20	2,4
8	256	20	2,9
9	236	20	3,4
10	217	19	4,0
11	198	18	4,5
12	180	17	5,0
13	164	15	5,5
14	150	13	5,9
15	138		6,3
16	129		6,6



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

$$L = L(h) = 383,97 - 7,6796h - 1,5591h^2 + 0,06529h^3 \quad (\text{valid for } h \text{ from } 4\mu\text{m to } 16\mu\text{m})$$



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