

**PRODUCT CODE**

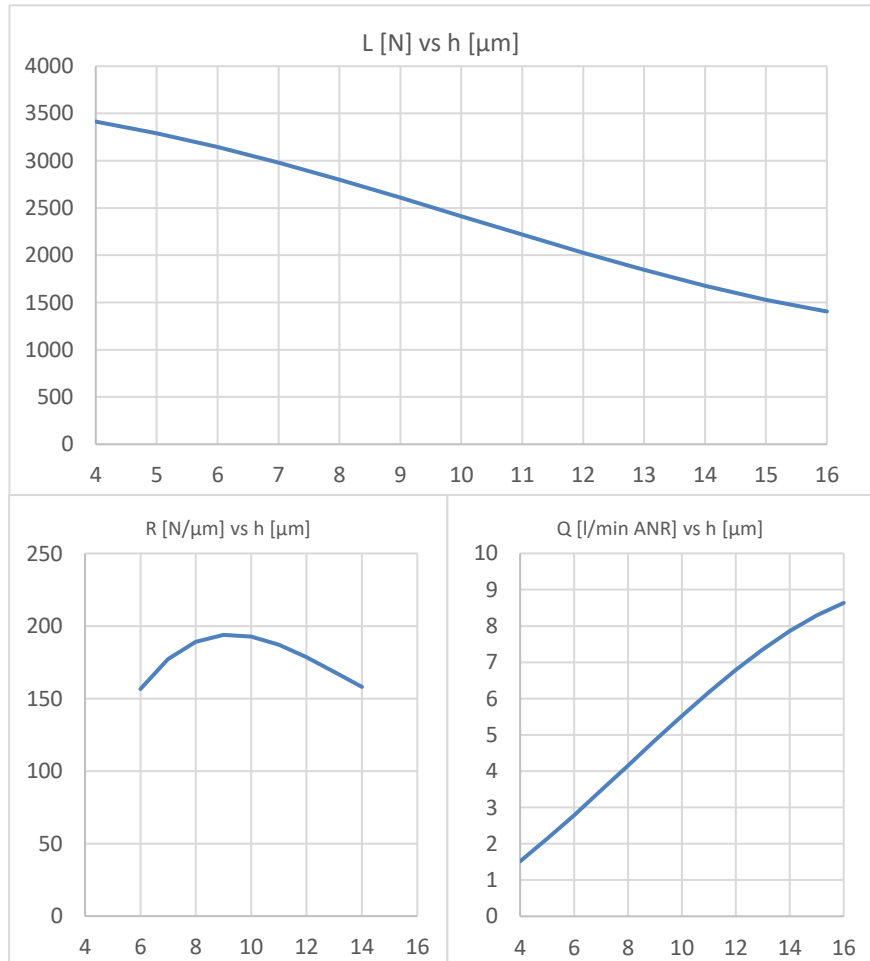
**PRODUCT DESCRIPTION**

**WF10100P14500**

**HPR4.0 FLAT RECTANGULAR AIR BEARING 080x155x30**

performances @ 4 bar air supply

AIR GAP <i>h</i>	LOAD <i>L</i>	STIFFNESS <i>R</i>	AIR CONSUMPTION <i>Q</i>
[ $\mu\text{m}$ ]	[N]	[N/ $\mu\text{m}$ ]	[l/min ANR]
4	3414		1,5
5	3291		2,1
6	3145	157	2,8
7	2979	177	3,5
8	2798	189	4,2
9	2608	194	4,8
10	2413	193	5,5
11	2217	187	6,2
12	2027	179	6,8
13	1845	168	7,4
14	1678	158	7,9
15	1529		8,3
16	1405		8,6



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

$$L = L(h) = 3567,8 + 44,74h - 23,986h^2 + 0,7962h^3 \quad (\text{valid for } h \text{ from } 4\mu\text{m to } 16\mu\text{m})$$



rel. 2020-12-09

