

PRODUCT CODE

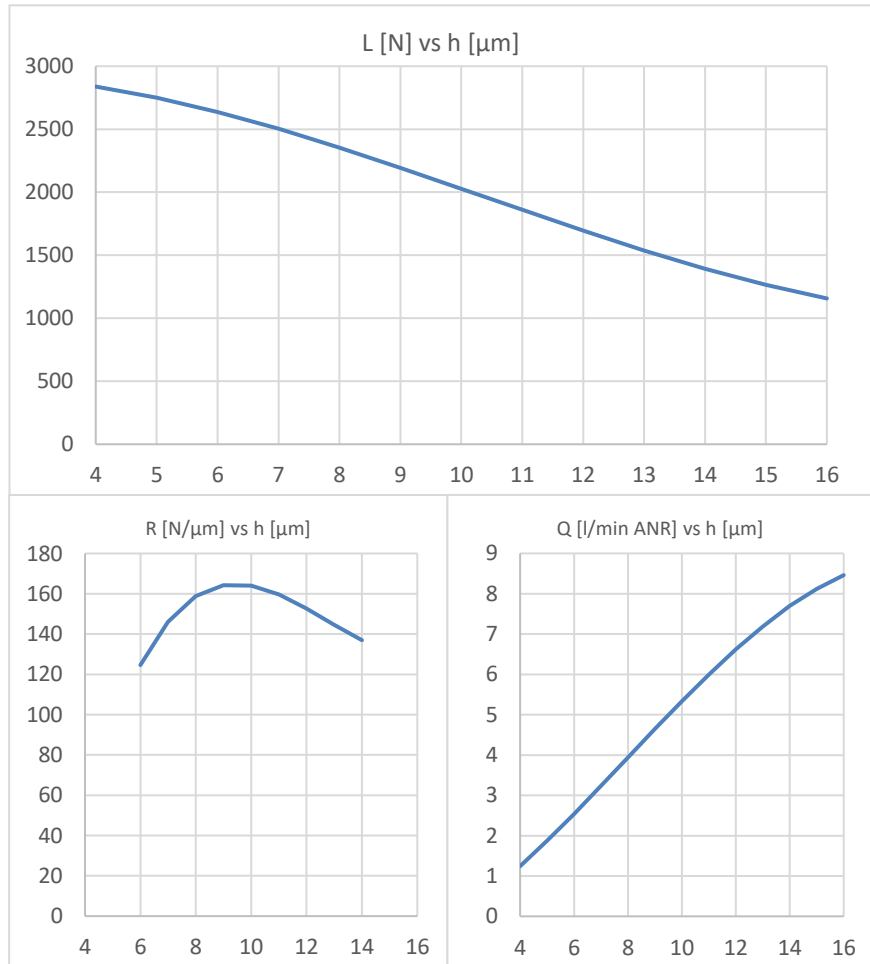
PRODUCT DESCRIPTION

WF10100P12000

HPR3.6 FLAT RECTANGULAR AIR BEARING 070x140x29

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	2839		1,2
5	2750		1,9
6	2636	125	2,5
7	2503	146	3,2
8	2354	159	3,9
9	2194	164	4,6
10	2028	164	5,3
11	1861	160	6,0
12	1696	153	6,6
13	1539	145	7,2
14	1393	137	7,7
15	1265		8,1
16	1157		8,5



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

$$L = L(h) = 2857 + 78,042h - 23,711h^2 + 0,762h^3 \quad (\text{valid for } h \text{ from } 4\mu\text{m to } 16\mu\text{m})$$



rel. 2020-12-09

