

PRODUCT CODE

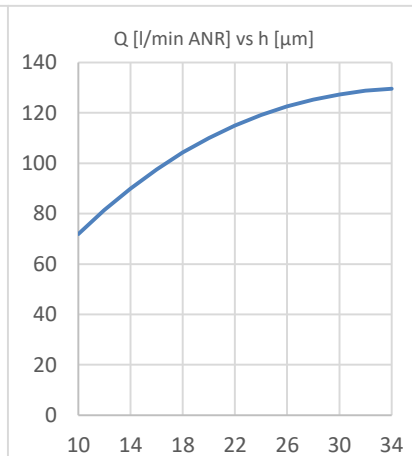
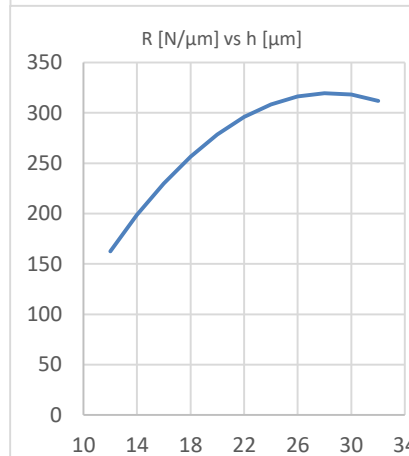
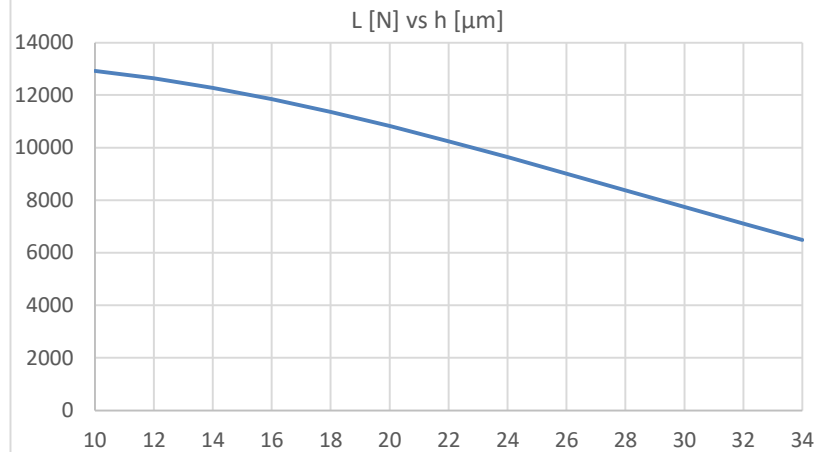
PRODUCT DESCRIPTION

WF1010xH42x00

AIRPAD HRA-5030x 150x240x42.0

performances @ 5 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]
10	12919		71,9
12	12633	163	81,4
14	12272	199	90,0
16	11842	230	97,6
18	11355	257	104,3
20	10819	279	110,0
22	10243	296	115,0
24	9638	309	119,2
26	9013	316	122,6
28	8376	320	125,3
30	7737	318	127,3
32	7106	312	128,8
34	6493		129,6



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

$$L = L(h) = 12863 + 152,33h - 16,639h^2 + 0,19552h^3$$

(valid for h from 10 μm to 34 μm)

$$h = h(L) = 87,5 - 0,01494L + 0,000001378L^2 - 0,00000000005299L^3$$



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