

**PRODUCT CODE**

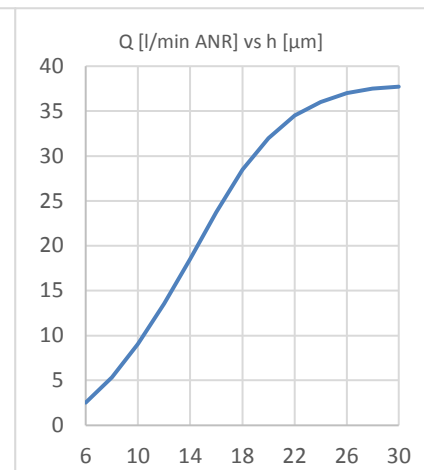
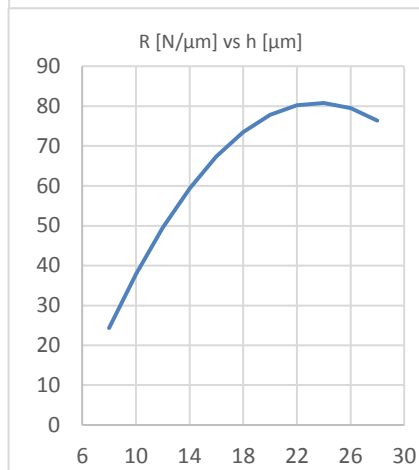
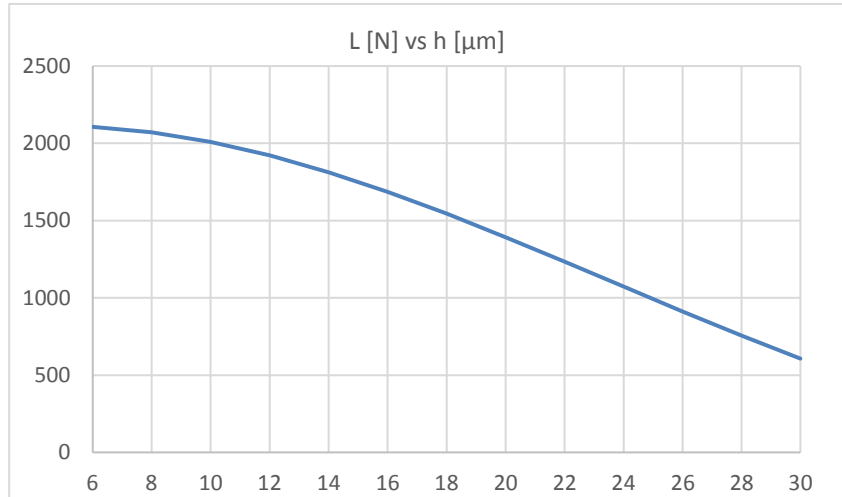
**PRODUCT DESCRIPTION**

**WF1010xH31x00**

**AIRPAD HRA-1010x 070x090x28.0**

performances @ 5 bar air supply

AIR GAP <i>h</i> [μm]	LOAD <i>L</i> [N]	STIFFNESS <i>R</i> [N/μm]	AIR CONSUMPTION <i>Q</i> [l/min ANR]
6	2106		2,5
8	2072	24	5,3
10	2010	38	9,1
12	1922	50	13,5
14	1813	59	18,5
16	1686	67	23,8
18	1544	74	28,5
20	1393	78	32,0
22	1234	80	34,5
24	1073	81	36,0
26	913	80	37,0
28	756	76	37,5
30	608		37,7



TOLERANCES FOR ALL VALUES: ±10%

$$L = L(h) = 1995 + 48,45h - 5,475h^2 + 0,07728h^3$$

(valid for h from 6μm to 30μm)

$$h = h(L) = 46,88 - 0,03968L + 0,00002444L^2 - 0,000000006948L^3$$



rel. 2020-12-09

