

PRODUCT CODE

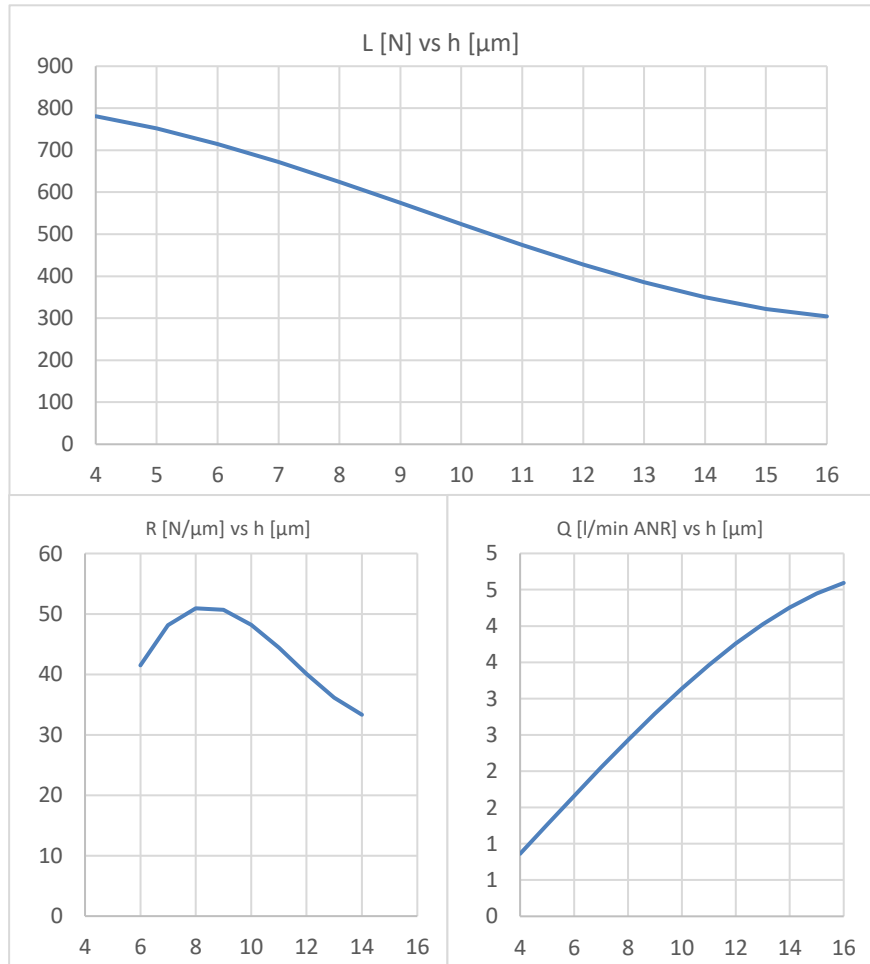
PRODUCT DESCRIPTION

WF10200P03M00

HPC2.0M FLAT ROUND AIR BEARING D060x18

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 | 781 | | 0,9 |
| 5 | 752 | | 1,3 |
| 6 | 715 | 42 | 1,7 |
| 7 | 672 | 48 | 2,0 |
| 8 | 624 | 51 | 2,4 |
| 9 | 574 | 51 | 2,8 |
| 10 | 524 | 48 | 3,1 |
| 11 | 474 | 44 | 3,5 |
| 12 | 428 | 40 | 3,8 |
| 13 | 385 | 36 | 4,0 |
| 14 | 350 | 33 | 4,3 |
| 15 | 322 | | 4,4 |
| 16 | 304 | | 4,6 |



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

$$L = L(h) = 783,3 + 28,161h - 8,3765h^2 + 0,2966h^3 \quad (\text{valid for } h \text{ from } 4\mu\text{m to } 16\mu\text{m})$$



rel. 2020-12-09

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