|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **parameter** | **keterangan** | | |
| 1 | Jenis air cylinder | | | Double acting |
| 2 | Diamrter piston | | | 20 mm |
| 3 | Diameter rod piston | | 8 mm | |
| 4 | Panjang langkah | | 100 mm | |
| 9 | Massa moving part | | | 0,5 kg |
| 10 | Koefisien gesek | | | 0,1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Variasi tekanan uadara (Mpa)** | **Variasi aliaran uadara (lt/m)** | **Kecepataan langah maju air cylinder (mm/s)** | **Kecepatan maksimum langkah maju air cylinder (mm/s)** | **Percepatan langkah maju air cylinder (m/s2)** |
| 1 | 0,5 | 60 | 571,43 | 760 | 23,14 |
| 2 | 0,5 | 70 | 625 | 860 | 25,68 |
| 3 | 0,5 | 80 | 694,44 | 940 | 28,19 |
| 4 | 0.6 | 60 | 595,23 | 820 | 26,71 |
| 5 | 0,6 | 70 | 662,25 | 920 | 29,8 |
| 6 | 0,6 | 80 | 714,28 | 1020 | 32,46 |
| 7 | 0,7 | 60 | 625 | 830 | 30,82 |
| 8 | 0,7 | 70 | 675,67 | 950 | 33,7 |
| 9 | 0,7 | 80 | 746,26 | 1030 | 36,83 |

|  |  |  |  |  |  |
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| **No** | **Variasi tekanan uadara (Mpa)** | **Variasi aliaran uadara (lt/m)** | **Kecepataan langah mundur air cylinder (mm/s)** | **Kecepatan maksimum langkah mundur air cylinder (mm/s)** | **Percepatan langkah mundur air cylinder (m/s2)** |
| 1 | 0,5 | 60 | 471,69 | 680 | 14,79 |
| 2 | 0,5 | 70 | 523,56 | 770 | 17,12 |
| 3 | 0,5 | 80 | 584,79 | 860 | 19,28 |
| 4 | 0.6 | 60 | 507,61 | 700 | 18,6 |
| 5 | 0,6 | 70 | 568,18 | 810 | 21,42 |
| 6 | 0,76 | 80 | 591,715 | 900 | 24,19 |
| 7 | 0,7 | 60 | 537,63 | 720 | 21,97 |
| 8 | 0,7 | 70 | 613,49 | 820 | 25,42 |
| 9 | 0,7 | 80 | 680,27 | 930 | 28,64 |