

# Linear cylinder

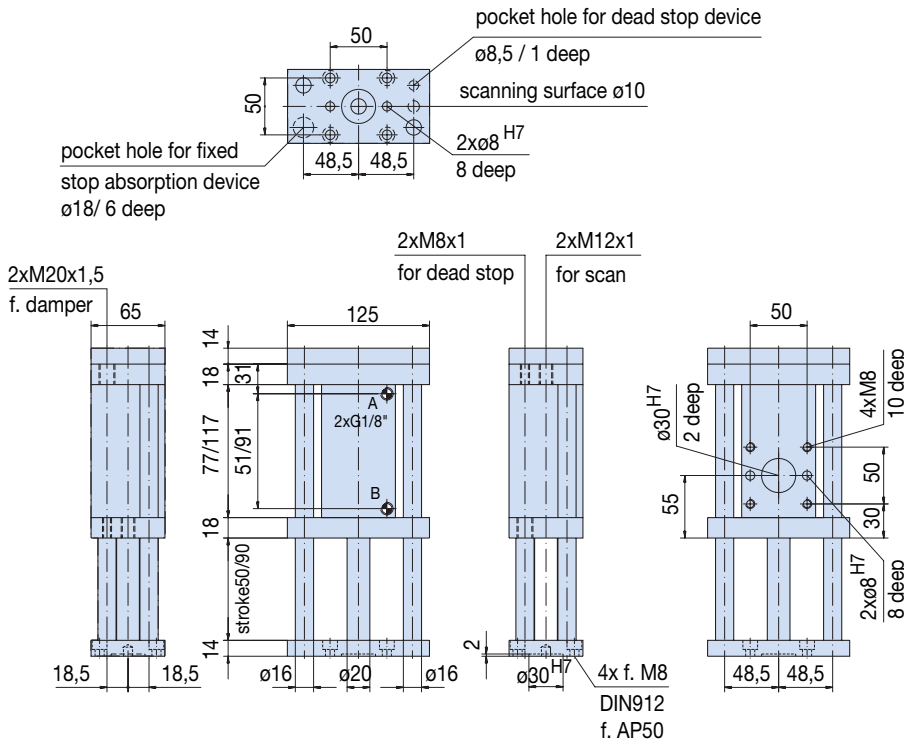
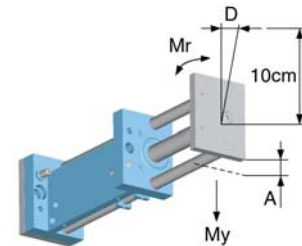


Advantages, benefits, comparisons and tips!  
Stacks of information all about this product are  
on page 325.

|   |          |  |  |  |
|---|----------|--|--|--|
| Order no.:  |          |  |  |  |
| LI50-50S  | LI50-90S |  |  |  |
| Stroke [mm]:  |          |  |  |  |
| 50  | 90       |  |  |  |
| Extension force, max [N]:                                     |          |  |  |  |
| 950   | 950      |  |  |  |
| Retraction force, max. [N]:                                   |          |  |  |  |
| 950   | 950      |  |  |  |
| Air consumption per cycle [cm <sup>3</sup> ]:                 |          |  |  |  |
| 166   | 300      |  |  |  |
| Min./max. operating temperature [°C]:                         |          |  |  |  |
| 5 / 80  | 5 / 80   |  |  |  |
| Temp. resistant version up to 150°C [addition when ordering]: |          |  |  |  |
| T2  | T2       |  |  |  |
| Weight [kg]:  |          |  |  |  |
| 2,94  | 3,62     |  |  |  |

All data measured at 6 bar.

## Max Allowable Forces



|                                 |          |  |  |  |
|---------------------------------|----------|--|--|--|
| Order no.:                      |          |  |  |  |
| LI50-50S                        | LI50-90S |  |  |  |
| Load My max. [N]:               |          |  |  |  |
| 300                             | 200      |  |  |  |
| Deflection A max. [mm]:         |          |  |  |  |
| 0,03                            | 0,05     |  |  |  |
| Radial Load Mr max. [Ncm]:      |          |  |  |  |
| 1500                            | 1100     |  |  |  |
| Max. rotation D at 100 mm [mm]: |          |  |  |  |
| 0,08                            | 0,08     |  |  |  |

See Page 325 for Accessory list.