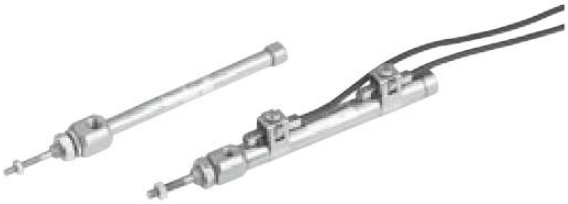
LOW SPEED CYLINDERS

Pen Cylinders

Operating speed range
1~200 mm/s
[0.04~7.87in./sec.]



Order Codes

■Function
Blank：Standard type
S：With magnet type

■Cylinder bore size
6：ϕ6 [0.236in.]
10：ϕ10 [0.394in.]
16：ϕ16 [0.630in.]

■Stroke

■Head cover piping
Blank：Axial direction piping
A：Lateral direction piping
M：Lateral direction piping with mounting threads

■Connection port
Blank：M5×0.8
M3：M3×0.5 (Only for ϕ6 [0.236in.])

■Mounting type
Blank：Basic type
1：Double foot mounting type
1A：Single foot mounting type
3：Flange mounting type

■Sensor switch
Blank：No sensor switch
ZC253：3-lead wire, Solid state type
ZC230：2-lead wire, Solid state type
ZC201：Without indicator lamp, Reed switch type[Note1]
ZC205：With indicator lamp, Reed switch type[Note1]

■Lead wire length
A：1000mm [39in.]
B：3000mm [118in.]

■Number of sensor switches
1：With 1 sensor switch
2：With 2 sensor switches
3：With 3 sensor switches
n：With n sensor switches

T - PB DA [ ] [ ] × [ ] [ ] [ ] [ ] [ ] [ ] [ ]

T: Low speed type
PB: Pen Cylinder
DA: Double acting type

	Note2 6	×	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60	Blank -A -M	Blank -M3	Blank -1 -1A -3	Blank -ZC253 -ZC230 -ZC201 -ZC205	A B	1 2 3 n
S		×							
	Note2 10	×	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60						
S		×							
	16	×	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 75, 100						
S		×							

※The double rod cylinder and the cylinder for clean systems require special specifications. For details, consult us.

Notes: 1. If using reed-type sensor switches, maintain an operating speed of 30mm/s [1.2in./sec.] or higher.
2. When using ϕ6 [0.236in.] or ϕ10 [0.394in.] bore size at 1mm/s [0.04in./sec.], apply air pressure of 0.4MPa [58psi.] or more.

● Except the items listed below, all outer dimensions, cylinder specifications, sensor switch specifications, and handling instructions are the same as the standard product. For details, see p.254.

1. Operating speed range: 1~200mm/s [0.04~7.87in./sec.]
2. Lubrication prohibited