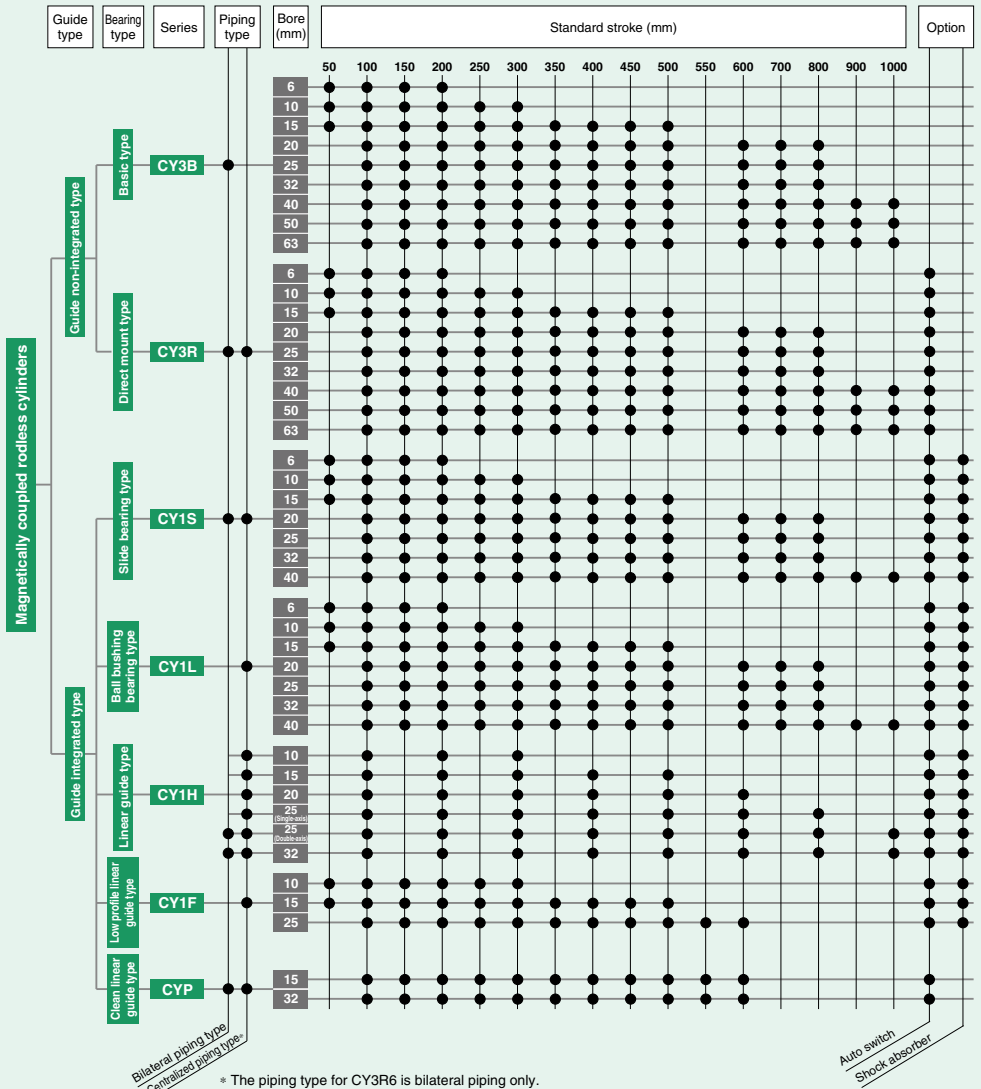







Series Variations

Magnetically coupled cylinders save space and have a wide range of applications

Can be used in diversified environments because there is no external leakage. Basic type (CY3B series) and direct mount type (CY3R series) have been redesigned, low profile linear guide type (CY1F series) has been added, and variations have been greatly increased.



Model Selection Criteria

Model Selection Criteria	Recommended cylinders	
	Appearance	Features
<ul style="list-style-type: none"> When many different types of guides are used. When a long stroke is necessary. 	CY3B series Size/ø6,ø10,ø15,ø20,ø25,ø32,ø40,ø50,ø63 	<ul style="list-style-type: none"> Long strokes available. Variations of ø6 to ø63.
	CY3R series Size/ø6,ø10,ø15,ø20,ø25,ø32,ø40,ø50,ø63 	
<ul style="list-style-type: none"> When stroke accuracy/repeatability with an adjustment bolt is required. When a bilateral piping is necessary. To ensure a permanent path When used for general transfer operations 	CY1S series Size/ø6,ø10,ø15,ø20,ø25,ø32,ø40 	<ul style="list-style-type: none"> Reduced in weight, overall length shortened. Auto switch can be mounted in any desired position. Smooth operation is made possible by using special slide bearings. Stable operation is possible, even with an offset load, by using ball bushings.
	<ul style="list-style-type: none"> To ensure a permanent path When smoother operation is required, even with an offset load. 	
<ul style="list-style-type: none"> To ensure a permanent path When a large load, large moment are required. When used for pick-and-place operations, etc. (Application example 2) 	CY1H series Size/ø10,ø15,ø20,ø25,ø32 	<ul style="list-style-type: none"> A load can be carried directly by the guide integrated type. The centralized piping type allows concentration of piping on one side plate. Auto switch capable. Impact at the stroke end is absorbed by inclusion of a shock absorber. (Except CYP series) The use of a linear guide facilitates a large load, large moment. Mounting freedom is improved by providing T-slots on the mounting surfaces. A top cover mounted over the sliding parts of the cylinder prevents scratches and damage, etc.
	<ul style="list-style-type: none"> To ensure a permanent path To transfer small workpieces To reduce the cylinder height and overall length 	
<ul style="list-style-type: none"> To ensure a permanent path To transfer small workpieces in super clean environments 	CYP series Size/ø15,ø32 	<ul style="list-style-type: none"> The cylinder portion can be replaced without interfering with the workpiece. The cylinder portion can be ordered separately. Low particle generation is realized with the non-contact construction of the cylinder tube's exterior surface. Shock-free transfer is possible with a sine cushion used at the end of the stroke. Long strokes (Max. 700 mm) available.

CY3B
CY3R
CY1S
CY1L
CY1H
CY1F
CYP

D-□
-X□

Technical Data