

1.4. Accuracy Standards

The accuracy of the Flat Roller is classified into normal grade, high grade and precision grade according to the difference in diameter between the rollers incorporated in a single cage. When it is necessary to specify the dimensional tolerance in the roller diameter for reasons related to the required accuracy or combination, select the desired accuracy from table 3 and specify the corresponding accuracy symbol.

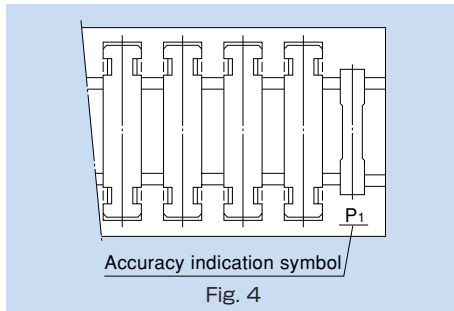


Table 3 Classification of Roller Diameters for Selection

Unit: μm			
Accuracy class	Diameter difference	Dimensional tolerance in diameter	Accuracy indication symbol
Normal grade	3	0 to -3	No Symbol
High grade	2	0 to -2	H2
		-2 to -4	H4
		-4 to -6	H6
Precision grade	1	0 to -1	P1

Note: The accuracy indication symbol is marked on the end of the cage as shown in Fig. 4.