

## Features

### ① Economical construction

PLALINEAR uses low-cost plastic ball bearings and various other components to create a cost-effective bearing system that is less than 50% the cost of a conventional system.

### ② Light weight body and long rails:

By using lightweight components, our system weights approximately 20% of a conventional bearing system constructed of steel. Because of the lightweight it enables the use of longer rails.

### ③ Cleanliness Characteristics

PLALINEAR uses plastic balls which eliminates the lubricating oils, thus ensuring a clean environment.

### ④ Corrosion resistance

Rust and corrosion is eliminated by using plastic components, which ensure longer operational life of the bearing systems.

### ⑤ Easy maintenance

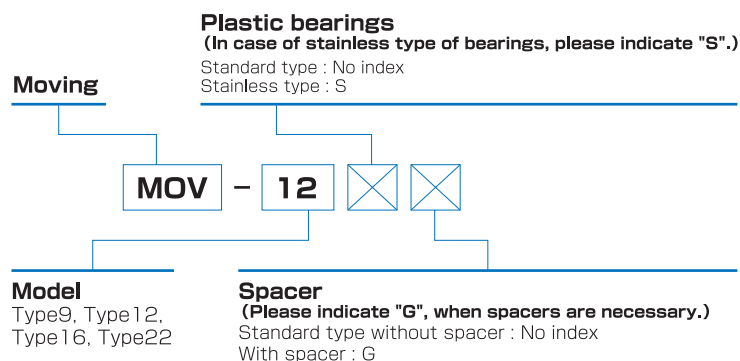
The actuator features a compact yet integrated construction to ensure easier maintenance.

## Standard specifications

Part No.	Allowable Load (Load of vertical direction) [N] (kgf)		Permission speed [m/min]	Accuracy	Durability
Type9	4.9	(0.5)	14	Above crevice : max 1mm  Transverse direction crevice Standard type : max 2mm With a spacer : max 0.3mm	After 30,000 cycles, it is free of abnormal operation <Test condition> Test working distance : 500mm Applied Load : Allowable Load At Permission speed
Type12	9.8	(1.0)	19		
Type16	19.6	(2.0)	25		
Type22	39.2	(4.0)	35		

## Composition table

### Moving



### Rail

