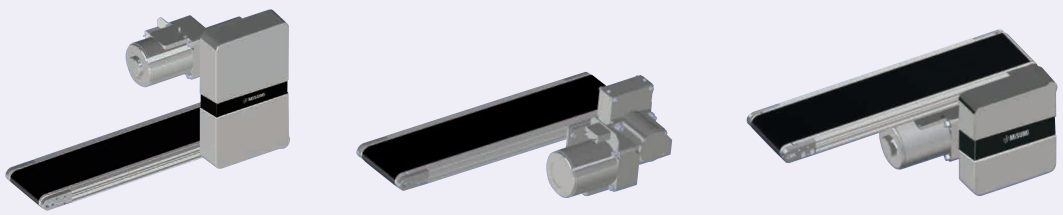
Flat Belt Conveyors - Motor Mounting Position Selectable

Head Drive, 2-Groove Frame (Pulley Dia. 30mm)

CE Compliant

* The above compliance applies only for Single-phase 230V Motors.

Features: The motor mounting position is selectable from top mounting, bottom mounting, or side mounting. Adoption of orthogonal shaft gear head solves the mounting space issue.

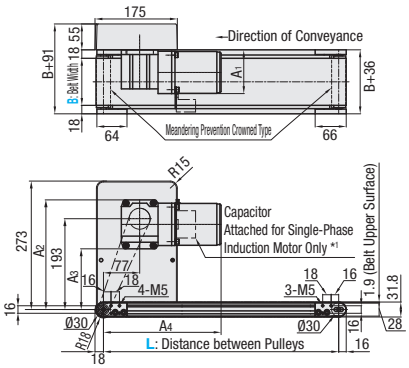


CVMA

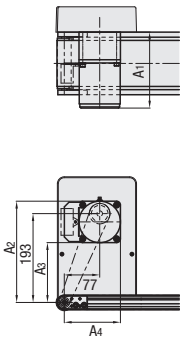
	Frame	Motor Cover	Pulley Holder
M Material	Aluminum	Aluminum	Aluminum
S Surface Treatment	Clear Anodize	Paint	Paint

Top Mount Type (TM)

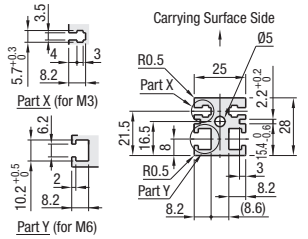
Motor mounting position specifications for **TM1**, **TM2**, and **TM3**



Motor mounting position specifications for **TM5**



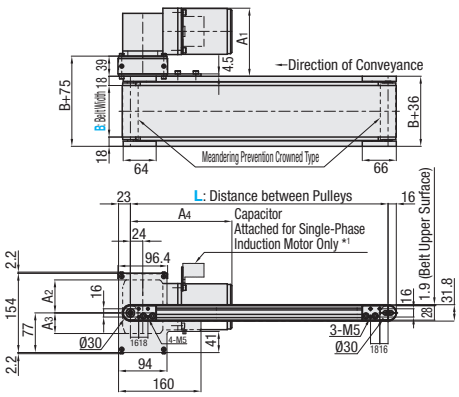
Frame Cross Section and Enlarged View (Symmetrical)



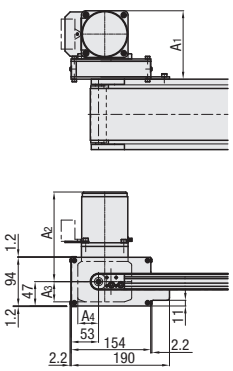
Compatible with JIS standard hex nuts.
* Each slot has four (4) nuts inserted.
When counterbores for inserting nuts are required, so specify in form of alteration ordering.
* Capacitor is included with single-phase induction motors only.
Capacitor mounting position can be arranged by the customer.
The dimensions in the diagram is for Belt Specifications H (0.9mm THK.).
Note that belt thickness varies by Belt Specifications.
For Belt Specifications, see **P.1313**~.
For relevant dimensions depending on motor mounting direction, and motor type, see **P.1273**.

Side Mount Type (SM)

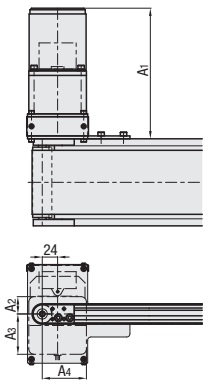
Motor mounting position specifications for **SM1** and **SM3**



Motor mounting position specifications for **SM2** and **SM4**

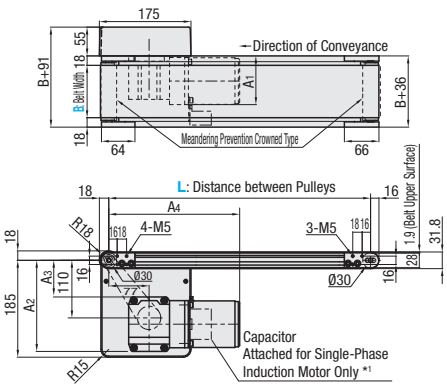


Motor mounting position specifications for **SM5**

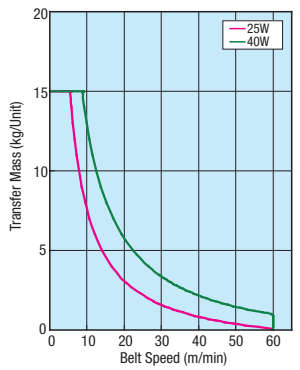


Bottom Mount Type (BM)

Motor mounting position specifications for **BM1**, **BM3**, and **BM4**



Conveying Capacity (TM, SM, BM) * Reference Value



Gearhead Reduction Ratio

* May decrease depending on load condition.

Gearhead Reduction Ratio	Belt Speed (m/min) TM, BM 50Hz	TM, BM 60Hz	Belt Speed (m/min) SM 50Hz	SM 60Hz
5	56.4	67.7	28.2	33.8
7.5	37.6	45.1	18.8	22.6
9	31.3	37.6	15.7	18.8
12.5	22.6	27.1	11.3	13.5
15	18.8	22.6	9.4	11.3
18	15.7	18.8	7.8	9.4
25	11.3	13.5	5.6	6.8
30	9.4	11.3	4.7	5.6
36	7.8	9.4	3.9	4.7
50	5.6	6.8	2.8	3.4
60	4.7	5.6	2.4	2.8
75	3.8	4.5	1.9	2.3
90	3.1	3.8	1.6	1.9
100	2.8	3.4	1.4	1.7
120	2.4	2.8	1.2	1.4
150	1.9	2.3	0.9	1.1
180	1.6	1.9	0.8	0.9

On some operating environments, conveyance failure may occur.