



BELCON MINI CONVEYOR SERIES

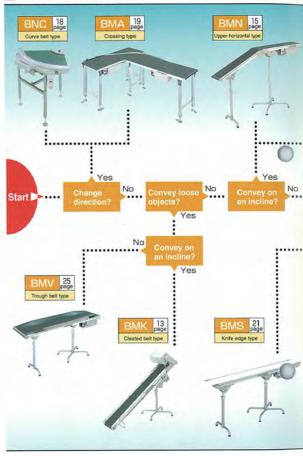


Belcon Mini Series

Sturdy performance in a simple body.

The best-selling portable beltconveyor; its efficient design based on an aluminum frame will withstand continuous operation with a newly developed motor rated for 20,000 hours.

■Model selection chart



Function

Smooth transfer

Direct linking bracket (Optional)

Freely movable drive and operation sections

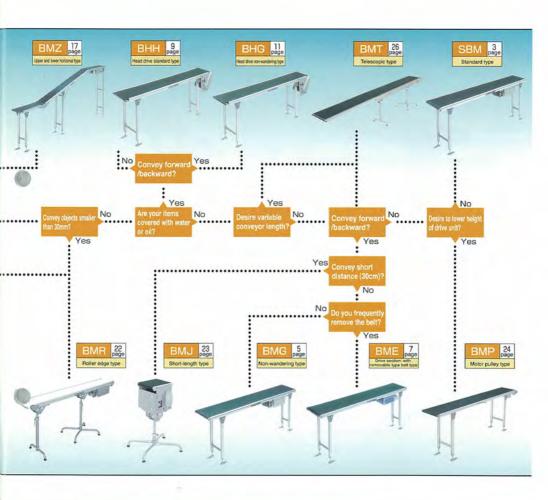


Standard transfer direction is forward



With a head drive (standard specifications), the standard transfer direction is forward (as indicated by the arrow).









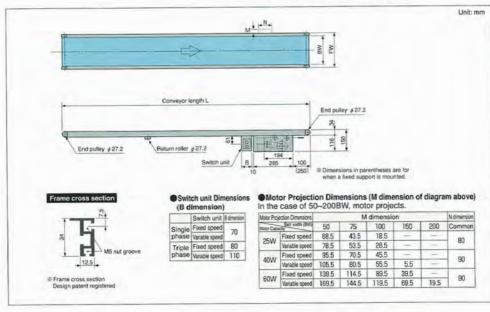
SBM/Standard type

For standard light conveyance

After considering the diversity of customer's applications, we are offering a wide range of best types, belt widths, conveyor lengths, drive speed and other product specifications. Choose the model best suited to your situation without any compromise.



belt width × 1500mm conveyor length.





Model selection

Conveyance capacity graph

Allowable handled weight: MAX 10kg/m



Notes ① The above graph shows conveyance capacity with a horizontal, distribute load. (standard belt, 1 ply)

(2) With variable speed specifications, conveyance capacity drops to 40% of the graph value when transfer speed is 1/3 of the maximum speed.

3 For belt widths of 50 and

75mm, weight limits for carried objects are shown on the right.

Belt width (cm)	50	75
Allowable handled weight (kg/conveyor)	13.3	20

Model Example

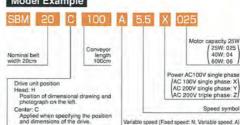


Table of standard motor output settings

Belt width (mm)	50~300	400 · 500	600
0.6~4	25W	40W	
4.1~8		4000	
8.1~12			60W

Note: If a motor with higher output is to be used due to operating conditions, select the motor output using the conveying capability graph on the left.

Conveyor speed table

Speed		Fixed speed (m/min)	Variable speed (m/min)
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)
1/120	3	2.5/3,0	0.8~2.3/0.9~2.7
1/100	3,5	3.0/3.5	0.9~2.7/1.1~3.3
1/90	4	3.5/4.0	1.0~3.0/1.2~3.6
1/60	5.5	4.5/5.5	1.5~4.5/1.8~5.5
1/50	6,5	5.5/6.5	1.8~5,5/2,2~6.5
1/36	9.5	8.0/9.5	2.5~7.5/3.0~9.0
1/30	11	9.0/11.0	3.0~9.0/3.5~11.0
1/25	14	12.0/14.0	3,5~11,0/4,5~13,5
1/18	19	16.0/19.0	5.0~15.0/6.0~18.0

Speed	0	Fixed speed (m/min)	Variable speed (m/min)		
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)		
1/15	23	18.5/22.5	6.0~18.0/7.0~21.0		
1/12,5	27	22.5/27,0	7.0~21.0/8.5~26,0		
1/10	34	28.0/33.5	9.0~27.0/11.0~33.0		
1/9	38	31.5/38,0	10.0~30.0/12.0~36.0		
1/7.5	45	37.5/45.0	12.0~36.0/14.5~43.5		

Notes ① The table gives speeds with no load. The speed varies about ±10% due loading.

The values in blue are semi-standard speeds.
 The variable speed range is 3:1.

At AC100V and 200V (single phase), the speed is changed using a speed controller. (5) Speed for AC200V (triple-phase) is controlled by an inverter system with a single

-phase in and triple-phase out. When applying 200V (triple-phase) power, one of the phases will be cancelled at the input.

Specifications

Unit: mm

Nominal belt width BW	50	75	100	150	200	250	300	400	500	600	
Actual belt width	47	72	97	147	197	247	297	397	497	597	
Frame width FW	85	110	135	185	235	285	335	435	535	635	
Conveyor length L	600	~. 1,0	00, 1,	500. 2	,000.	2,500	3,000	3,50	0. 4,0	00、4,5	500、5,000、6,000、7,000、8,000、~12,000
Drive unit height	150										
Frame	Alun	ninium	constru	uction (Frame	height	34)				
Standard belt	Resi	in belt	or food	(1-ply	. ⊛Fc	or speed	s of 30m	/min or	greater,	we reco	ommend the optional low noise resin belt for food.
Capacity	See	the Co	nveyar	nce Cap	oacity I	Graph					
Drive type	Cen	ter driv	е								
Motor capacity	25W	1. 40W	, 60W	1							
Power	AC1	00V (S	ingle p	hase)	AC200	V (Sing	gle pha	se) AC	200V (Triple p	phase)

[.] The maximum conveyor length for a 50mm or 75mm belt width is 6,000mm. Also the minimum conveyor length for a 300 to 600mm belt width is the belt width × 2.5.

For a conveyor length of 8,100mm or more, an intermediate take-up unit is attached.

When the length exceeds 4,000mm, the belt will be delivered in sections



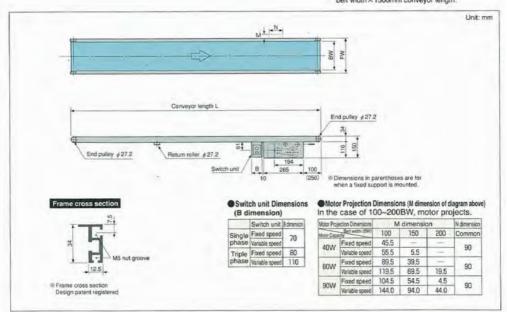
BMG/Non-wandering type

For stable conveyance under stringent conditions

This new design uses a guide-belt system to eliminate belt wandering. In addition, a wide variety of belt specifications, lengths, reversible direction requirements, and other severe conditions are designed for, resulting in a high-precision material handling system.



- · The photograph specifications are: 200mm belt width × 1500mm conveyor length.





Model selection

Conveyance capacity graph

Allowable handled weight: MAX 10kg/m



Notes ① The above graph shows conveyance capacity with a horizontal, distribute load, (standard belt, 1 ply)

(2) With variable speed specifications, conveyance capacity drops to 40% of the graph value when transfer speed is 1/3 of the maximum speed.

Model Example

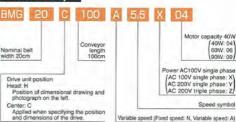


Table of standard motor output settings

Belt width (mm) Conveyor length (m)	100~300	400 · 500	600
0.6~4	40		
4.1~8	40	•	60W

Note: If a motor with higher output is to be used due to operating conditions, select the motor output using the conveying capability graph on the left.

Conveyor speed table

Speed	Speed symbol	Fixed speed (m/min)	Variable speed (m/min)
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)
1/120	3	2.5/3.0	0.8~2.3/0.9~2.7
1/100	3.5	3.0/3.5	0.9~2.7/1.1~3.3
1/90	4	3.5/4.0	1.0~3.0/1.2~3.6
1/60	5.5	4.5/5.5	1.5~4.5/1.8~5.5
1/50	6.5	5.5/6.5	1.8~5.5/2,2~6.5
1/36	9.5	8.0/9.5	2.5~7.5/3.0~9.0
1/30	31	9.0/11.0	3,0~9,0/3,5~11,0
1/25	14	12.0/14.0	3.5~11.0/4.5~13.5
1/18	19	16.0/19.0	5.0~15.0/6.0~18.0

Speed	0	Fixed speed (m/min)	Variable speed (m/min				
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)				
1/15	23	18.5/22.5	6.0~18.0/7.0~21.0				
1/12.5	27	22.5/27.0	7.0~21.0/8.5~26,0				
1/10	34	28.0/33.5	9.0~27.0/11.0~33.0				
1/9	38	31.5/38.0	10.0~30.0/12.0~36.0				
1/7.5	45	37.5/45.0	12,0~35.0/14.5~43.5				

Notes \odot The table gives speeds with no load. The speed varies about $\pm 10\%$ due loading.

- 2) The values in blue are semi-standard speeds.
- 3 The variable speed range is 3:1.
- Motor: 40W/60W out; speed is controlled by a speed-controller system for AC 100/200V (single-phase).
- (5) Motor: 90W out; speed is controlled by an inverter system for AC200V (triple-phase) with a single-phase in (power input) and triple-phase out (motor output). When applying 200V (triple-phase) power, one of the phases will be cancelled at the input.

Specifications

Unit: mm

				_		_									Onic min
Nominal belt width BW	100	150	200	250	300	400	500	600							
Actual belt width	97	147	197	247	297	397	497	597							
Frame width FW	135	185	235	285	335	435	535	635							
Conveyor length L	600	~. 1,0	00. 1	500.	2,000.	2,500.	3,000	3,500	4,000	4,500	5,000	6,000	7,000.	8,000	
Drive unit height	150														
Frame	Alun	ninium	constru	uction	(Frame	height:	34)								
Standard belt	Low	noise i	resin g	uide be	elt for fo	od (1-p	ly)								
Capacity	See	the Co	nveya	nce Ca	pacity	Graph									
Drive type	Cent	ter driv	е												
Motor capacity	40W	. 60W	900	1											
Power	AC1	00V (S	ingle p	hase)	AC200	V (Sing	le pha	se) AC2	00V (Tri	ole phas	e)				

⁻ The standard switch specifications are for 1 direction operation, if forward and reverse is desired, the exclusive use foward/reverse switch must be specified.

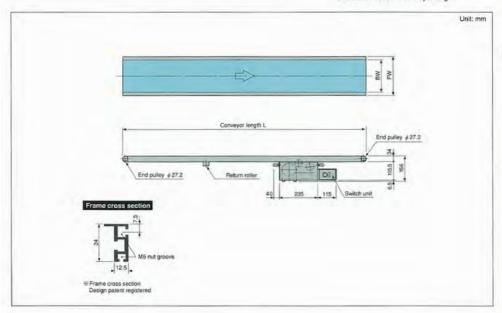
⁻ When the length exceeds 4,000mm, the belt will be delivered in sections.



BME/Drive section: with removable type belt Powerful drive and easy maintenance

With the newly developed "friction drive method", the drive power will be efficiently transferred to the belt. And, easy removal of the belt and drive provides you super-easy maintenance.

- Support is optional.
- The photograph specifications are: 200mm belt width × 1500mm conveyor length.



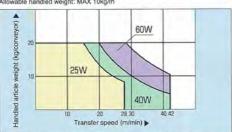


Variable speed (Fixed speed: N, Variable speed: A)

■Model selection

Conveyance capacity graph

Allowable handled weight; MAX 10kg/m



Notes ① The above graph shows conveyance capacity with a horizontal, distribute load

(standard belt, 1 ply)

② With variable speed specifications, conveyance capacity drops to 40% of the graph value when transfer speed is 1/3 of the maximum speed.

Model Example

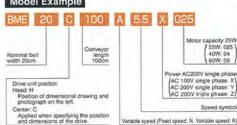


Table of standard motor output settings

4.1~6		1000	60W
0.35~4	25W	40W =	
Belt width (mm)	200~300	400 - 500	600

Note: If a motor with higher output is to be used due to operating conditions, select the motor output using the conveying capability graph on the left.

Conveyor speed table

Speed		Fixed speed (m/min)	Variable speed (m/min)
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)
1/120	3.5	3.0/3.5	1.0~3.0/1.2~3.5
1/100	4.5	3,5/4,5	1.2~3.5/1.5~4.5
1/80	5.5	4.5/5.5	1.5~4.5/1.8~5.5
1/60	7	6.0/7.0	2.0~6.0/2.3~7.0
1/50	8,5	7.0/8.5	2.3~7,0/2.8~8.5
1/40	11	9.0/11.0	3.0~9.0/3.6~11.0
1/30	14.5	12.0/14.5	4.0~12.0/4.8~14.5
1/25	17	14,0/17.0	4.6~14.0/5.6~17.0

Speed		Fixed speed (m/min)	Variable speed (m/min				
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)				
1/20	21.5	18.0/21.5	6.0~18.0/7.1~21.5				
1/15	28	23.5/28.0	7.8~23.5/9.3~28.0				
1/10	42	35.0/42.0	11.6~35.0/14.0~42.0				

Notes ① The table gives speeds with no load. The speed varies about ±10% due loading.

- (2) The values in blue are semi-standard speeds.
- 3 The variable speed range is 3:1.
- (4) Speed variation by an inverter system: single-phase input and triple-phase output. When applying 200V (triple-phase) power, one of the phases will be cancelled at
- (5) Speed Code 7.0 or higher will be applied for 60W output.

Specifications

Unit: mm

Nominal belt width BW	200	250	300	400	500	600	
Actual belt width	197	247	297	397	497	597	
Frame width FW	235	285	335	435	535	635	
Conveyor length L	350	1,0	000, 1,	500. 2	2,000.	2,500.	3,000、3,500、4,000、4,500、5,000、6,000
Drive unit height	156						
Frame	Alun	ninium	constru	uction (Frame	height:	34)
Standard belt	Res	in guide	e belt fo	or food	(1-ply)	0	
Capacity	See	the Co	nveya	nce Ca	pacity (Graph	
Drive type	Frict	ion driv	ve				
Motor capacity	25W	/. 40W	/. 60V	/			
Power	AC1	00V (S	ingle p	hase)	AC200	V (Sing	gle phase) AC200V (Triple phase)

- · Oil, power and water on the surface of an item can decrease conveyance efficiency.
- Any belt exceeding 4,000mm will have a width 10mm narrower than the nominal width.
- Any belt exceeding 4,000mm will be delivered in sections.
- · A 60W motor for single-phase 100V or 200V will be available only with variable speed.

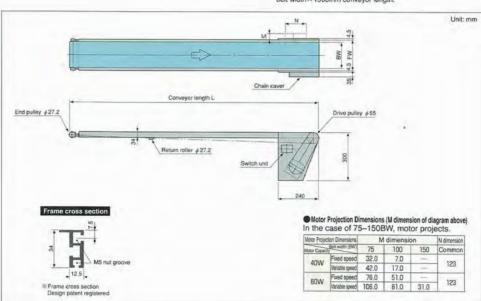


BHH/Head drive standad type

Smooth conveying of special objects

The head-drive conveyor has measures to prevent objects from getting dirty, and is easy to maintain. It can smoothly convey objects that become dirty easily.







Model selection

Conveyance capacity graph

Allowable handled weight: MAX 10kg/m



- Notes ① The above graph shows conveyance capacity with a horizontal, distribute load. (standard belt, 1 ply)
 - With variable speed specifications, conveyance capacity drops to 40% of the graph value when transfer speed is 1/3 of the maximum speed.
 For a 75mm belt width, the conveyor should be used within the weight
 - limit of 20kg/unit.

Model Example

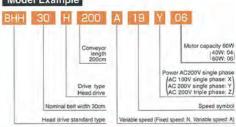


Table of standard motor output settings

Belt width (mm)	75~500	600
1~4	40W	
4.1~8	4000	60W

Note: If a motor with higher output is to be used due to operating conditions, select the motor output using the conveying capability graph on the left.

Conveyor speed table

Speed		Fixed speed (m/min)	Variable speed (m/min)
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)
1/90	3	2.5/3.0	0.8~2.4/0.9~2.9
1/75	3.5	3.0/3.5	1.0~2.9/1.2~3.5
1/60	4.5	3.5/4.5	1.2~3.6/1.5~4.4
1/50	5.5	4.5/5.5	1.5~4.4/1.7~5.3
1/36	8	6.5/8.0	2.0~6.1/2.4~7.3
1/30	9.5	8.0/9.5	2.4~7.3/2.9~8.7
1/25	11	9,0/11.0	2,9~8.8/3.5~10.5
1/20	14	12.0/14.0	3.6~11.0/4.4~13.1
1/18	16	13.0/16.0	4.0~12.5/5.0~15.0

Speed		Fixed speed (m/min)	Variable speed (m/min				
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)				
1/15	19	16.0/19.0	4.9~14.6/5,9~17.6				
1/12.5	23	18.5/22.5	5.9~17.6/7.0~21.1				
1/10	28	23.0/28.0	7.4~22.0/8.8~26.5				
1/9	31	25.5/31.0	8.2~24.5/9.8~29.4				
1/7.5	38	31.0/37.5	9.8~29.4/11.8~35.3				
1/6	-47	39.0/47.0	12.2~36.6/14.7~44.0				

Notes ① The table gives speeds with no load. The speed varies about ±10% due loading.

2) The values in blue are semi-standard speeds.

3) The variable speed range is 3:1.

At ACTOW and 200V (single phase), the speed is changed using a speed controller.
 Speed for AC200V (triple-phase) is controlled by an inverter system with a single -phase in and triple-phase out. When applying 200V (triple-phase) power, one of

the phases will be cancelled at the input.

Specifications

Unit: mm

		_								
Nominal belt width BW	75	100	150	200	250	300	400	500	600	
Actual belt width	72	97	147	197	247	297	397	497	597	
Frame width FW	110	135	185	235	285	335	435	535	635	
Conveyor length L	1,00	0, 1,5	00、2,0	000, 2	,500、	3,000.	3,500	4,00	0, 4,50	0、5,000、6,000、7,000、8,000
Drive unit height	300									
Frame	Alun	ninium	constru	ction (Frame	height	34)			
Standard belt	Res	in belt f	or food	(1-ply) #Fc	r speed	s of 30m	n/min or	greater,	we recommend the optional low noise resin belt for food.
Capacity	See	the Co	nveyar	nce Ca	pacity (Graph				
Drive type	Hea	d drive								
Motor capacity	40W	/、60W	1							
Power	AC1	00V (S	ingle p	hase)	AC200	V (Sin	gle pha	se) AC	200V (Triple phase)

⁻ The actual belt width is about 3mm less than the belt width given above, and for a conveyor length of 4,100mm or more it is 20mm less.

- The maximum conveyor length for a 75mm belt width is 6,000mm. Also the minimum conveyor length for a 500 to 600mm belt width ×2.5.

#Colored letters indicate semi-standard specifications.

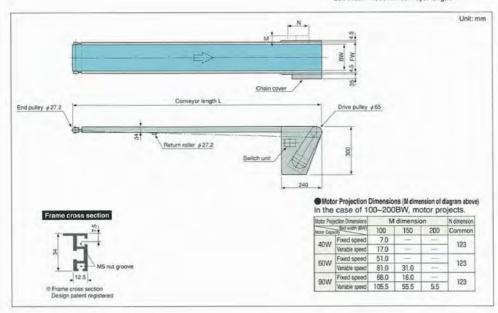


BHG/Head drive non-wandering type Reliable conveying of special objects

The head-drive conveyor has measures to prevent objects from getting dirty, and is easy to maintain. A guide belt is used so reliable conveying is possible.



 The photograph specifications are: 200mm belt width × 1500mm conveyor length.





Model selection

Conveyance capacity graph

Allowable handled weight: MAX 10kg/m



Notes (1) The above graph shows conveyance capacity with a horizontal, distribute load. (standard belt, 1 pty)

(standard belt, 1 ply)
② With variable speed specifications, conveyance capacity drops to 40% of the graph value when transfer speed is 1/3 of the maximum speed.

Model Example

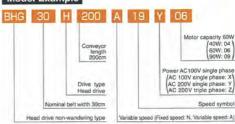


Table of standard motor output settings

Belt width (mm) Conveyor length (m)	100~300	400 · 500	600
1~4	40	141	
4.1~8	40	vv	60W

Note: If a motor with higher output is to be used due to operating conditions, select the motor output using the conveying capability graph on the left.

Conveyor speed table

Speed		Fixed speed (m/min)	Variable speed (m/min)
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)
1/90	3	2.5/3.0	0.8~2.4/0.9~2.9
1/75	3.5	3.0/3.5	1.0~2.9/1.2~3.5
1/60	4.5	3.5/4.5	1.2~3.6/1.5~4.4
1/50	5.5	4.5/5.5	1.5~4.4/1.7~5.3
1/36	8	6,5/8.0	2.0~6.1/2.4~7.3
1/30	9.5	8.0/9.5	2.4~7.3/2.9~8.7
1/25	11	9.0/11.0	2,9~8.8/3,5~10.5
1/20	14	12.0/14.0	3.6~11.0/4.4~13.1
1/18	16	13.0/16.0	4.0~12.5/5.0~15.0

Speed		Fixed speed (m/min)	Variable speed (m/min)				
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)				
1/15	19	16.0/19.0	4.9~14.6/5.9~17.6				
1/12.5	23	18.5/22.5	5.9~17.6/7.0~21.1				
1/10	28	23.0/28.0	7.4~22.0/8.8~26.5				
1/9	31	25.5/31.0	8.2~24.5/9.8~29.4				
1/7.5	38	31.0/37.5	9.8~29.4/11,8~35,3				
1/6	47	39.0/47.0	12.2~36.6/14.7~44.0				

- Notes ① The table gives speeds with no load. The speed varies about ±10% due loading.
 - The values in blue are semi-standard speeds.
 The variable speed range is 3:1.
 - (4) Motor: 40W/80W out; speed is controlled by a speed-controller system for AC 100/200V (single-phase).
 - (5) Motor: 90W out; speed is controlled by an inverter system for AC200V (triple-phase) with a single-phase in (power input) and triple-phase out (motor output). When applying 200V (triple-phase) power, one of the phases will be cancelled at the input.

Specifications

Unit: mm

Nominal belt width BW	100	150	200	250	300	400	500	600						
Actual belt width	97	147	197	247	297	397	497	597						
Frame width FW	135	185	235	285	335	435	535	635						
Conveyor length L	1,00	0, 1,5	00. 2,	000. 2	,500、	3,000、	3,500	4,000	4,500	5,000	6,000	7,000	8,000	
Drive unit height	300													
Frame	Alun	ninium	constru	uction (Frame	height	34)							
Standard belt	Low	noise i	resin g	uide be	It for fo	od (1-	oly)							
Capacity	See	the Co	nveyar	nce Ca	pacity (Graph								
Drive type	Hea	d drive												
Motor capacity	40W	. 60W	, 90W	1										
Power	AC1	00V (S	ingle p	hase)	AC200	V (Sing	gle pha	se) AC2	DOV (Tr	ple pha	se)			

[·] When the length exceeds 4,000mm, the belt will be delivered in sections.



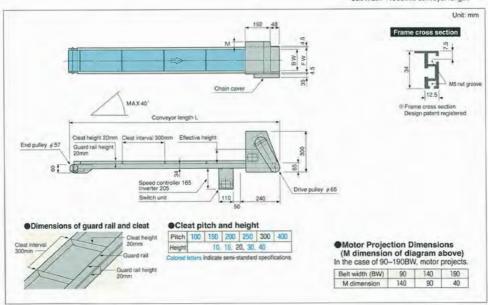
BMK/Cleated belt type

For steeply inclined conveyance

The conveyor has 20mm high cross pieces and guide, making it possible to reliably convey objects on an incline. The drive unit is located on top so there is no interference with other equipment.



- · Support is optional.
- The photograph specifications are: 190mm belt width × 1500mm conveyor length.



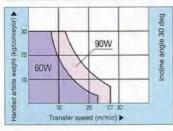


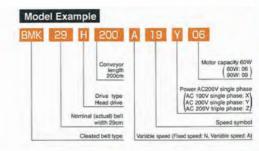
Model selection

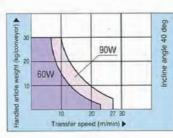
Conveyance capacity graph

Allowable handled weight: MAX 10kg/m









- 1) The graph on the left shows the conveying capability for constant speed and dispersed
- ② For variable speed, if the conveyor speed becomes less than 1/3 the maximum speed, the weight of the objects should be 40% less
- than at maximum speed.
 (3) The standard motor output setting is 60W. however if a higher rank motor is used due to the operating conditions, select 90W on the graph on the left.

Conveyor speed table

Speed		Fixed speed (m/min)	Variable speed (m/min)
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)
1/90	3	2,5/3.0	0.8~2.4/0.9~2.9
1/75	3.5	3.0/3.5	1.0~2.9/1.2~3.5
1/60	4.5	3,5/4,5	1,2~3,6/1,5~4,4
1/50	5.5	4.5/5.5	1.5~4.4/1.7~5.3
1/36	8	6.5/8.0	2.0~6.1/2.4~7.3
1/30	9.5	8.0/9.5	2.4~7.3/2.9~8.7
1/25	11	9.0/11.0	2.9~8.8/3.5~10.5
1/20	14	12.0/14.0	3.6~11.0/4.4~13.1

Speed		Fixed speed (m/min)	Variable speed (m/min)
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)
1/18	16	13.0/16.0	4.0~12.5/5.0~15.0
1/15	19	16.0/19.0	4.9~14.6/5.9~17.6
1/12.5	23	18.5/22.5	5.9~17.6/7.0~21.1
1/10	28	23.0/28,0	7.4~22.0/8.8~26.5

Notes ① The table gives speeds with no load. The speed varies about ±10% due loading.

The values in blue are semi-standard speeds.
The variables proof range is 3.1.
Motor: 6W out; speed is controlled by a speed-controller system for AC100/200 (single-phase).

S Motor 90W out; speed is controlled by an inverter system for AC200V (triple-phase)

with a single-phase in (power input) and triple-phase out (motor output). When applying 200V (triple-phase) power, one of the phases will be cancelled at the input.

■ Specifications

Unit: mm

Nominal (actual) belt width BW	90	140	190	240	290	390	490	590			
Frame width FW	135	185	235	285	335	435	535	635			
Conveyor length L	1,00	0, 1,5	00. 2,	000. 2	,500、	3,000.	3,500	4,00	0		
Drive unit height	300										
Frame	Aluminium construction (Frame height: 34) with aluminium guard rails										
Standard belt	Resi	in cleat	ed belt	for foo	d (2-pl	y)					
Capacity	See	the Co	nveyar	nce Ca	pacity (Graph					
Drive type	Hea	d drive									
Motor capacity	60W	/. 90W	1								
Power	AC1	00V (S	ingle p	hase)	AC200	V (Sing	gle pha	se) AC	C200V (Triple phase)		

[.] The minimum conveyor length for a 490 or 590mm belt width is the belt width × 2.5.



BMN/Upper-horizontal type

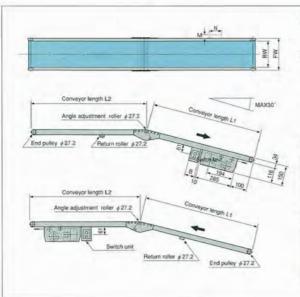
For smooth, inclined conveyance

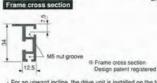
Model BMN adopts a sharply inclined belt. Horizontal section is installed at upper-side and smooth transfer is available from inclined section to horizontal section.



- · Support is optional.
- · The photograph specifications are: 150mm belt width × 1500mm conveyor length.

Unit: mm





· For an upward incline, the drive unit is installed on the top L2.

- · When drive unit is installed at the upper-horizontal L2=Min 800
- · When drive unit is installed at the inclined L2=Min 500
- · Conveyor length L=L1+L2

Switch unit Dimensions (B dimension)

	Switch unit	B dimension
Single	Fixed speed	70
phase	Variable speed	10
Triple	Fixed speed	80
phase	Variable speed	110

● Motor Projection Dimensions (M dimension of diagram above) In the case of 100~200BW, motor projects.

Motor Pro	ection Dimensions	N	M dimension				
Motor Capacity Motor Capacity		100	150	200	Common		
40W	Fixed speed	45.5	-	-	00		
4000	Variable speed	55.5	-	-	90		
COM	Fixed speed	89.5	39.5	-	00		
60W	Variable speed	119.5	69.5	19.5	90		

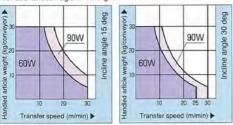


ed (Fixed speed: N, Variable speed: A)

Model selection

Conveyance capacity graph

Allowable handled weight: MAX 10kg/m



Notes ① The above graph shows conveyance capacity with a horizontal, distribute load.

(standard belt 1 ply)

(standard belt, 1 ply)

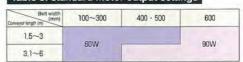
With variable speed specifications, conveyance capacity drops to 40% of the graph value when transfer speed is 1/3 of the maximum speed.

Model Example BMN 30 C 200 A 19 Y 06 Nominal belt width 300m Conveyor length 200cm Drive unit position Head: H Position of dimensional drawing and photograph on the left.

Table of standard motor output settings

Center: C

Applied when specifying the position and dimensions of the drive.



Note: If a motor with higher output is to be used due to operating conditions, select the motor output using the conveying capability graph on the left.

Conveyor speed table

Speed		Fixed speed (m/min)	Variable speed (m/min)	
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)	
1/120	3	2.5/3.0	0.8~2.3/0.9~2.7	
1/100	3.5	3.0/3.5	0.9~2.7/1.1~3.3	
1/90	4	3.5/4.0	1.0~3.0/1.2~3.6	
1/60	5.5	4.5/5.5	1.5~4.5/1.8~5.5	
1/50	6,5	5,5/6.5	1.8~5,5/2.2~6,5	
1/36	9.5	8.0/9.5	2.5~7.5/3.0~9.0	
1/30	11	9,0/11,0	3.0~9.0/3.5~11.0	
1/25	14	12.0/14.0	3.5~11.0/4.5~13.5	
1/18	19	16.0/19.0	5.0~15.0/6.0~18.0	

Speed	0	Fixed speed (m/min)	Variable speed (m/min)	
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)	
1/15	23	18.0/22.5	6,0~18,0/7,0~21.0	
1/12.5	27	22.5/27.0	7.0~21.0/8.5~26.0	

Notes 1 The table gives speeds with no load. The speed varies about \pm 10% due loading.

- 2) The values in blue are semi-standard speeds.
- (2) The variable speed range is 3:1.
- Motor: 60W out; speed is controlled by a speed-controller system for AC100/200V (single-phase).
- (5) Motor: 90W out; speed is controlled by an inverter system for AC200V (triple-phase) with a single-phase in (power input) and triple-phase out (motor output). When applying 200V (triple-phase) power, one of the phases will be cancelled at the input.

■Specifications

Unit: mm

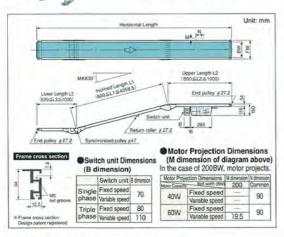
Nominal belt width BW	100	150	200	250	300	400	500	600		
Actual belt width	97	147	197	247	297	397	497	597		
Frame width FW	135	185	235	285	335	435	535	635		
Conveyor length L	1,50	0, 2,0	00, 2,	500, 3	,000、	~6,00	0			
Drive unit height	150	50								
Frame	Alun	Aluminium construction (Frame height: 34)								
Standard belt	Ang	Angled resin guide belt (1-ply)								
Capacity	See	See the Conveyance Capacity Graph								
Drive type	Cen	Center drive								
Motor capacity	60W	60W, 90W								
Power	AC1	AC100V (Single phase) AC200V (Single phase) AC200V (Triple phase)								

[·] When the length exceeds 4,000mm, the belt will be delivered in sections.



BMZ/Upper and lower horizontal type For smooth, inclined conveyance





■Specifications Unit: mm Nominal belt width BW 200 250 300 400 500 600 Actual belt width 197 247 297 397 497 Frame width FW 285 335 435 Conveyor length L 2,000~5,000 (L1+L2+L3) Drive unit height 150 Frame Aluminium construction (Frame height: 34) Inclined: Angled resin guide belt (1-ply) Standard belt Feeder: Resin guide belt (1-ply) See the Conveyance Capacity Graph Capacity Drive type Center drive 60W, 90W Motor capacity AC100V (Single phase) AC200V (Single phase) AC200V (Triple phase)

- When the length exceeds 4,000mm, the belt will be delivered in sections.
- Conveyance capacity is dependent on speed and inclined angle · Please consult with us when using at an inclination angle of 20 deg. or more

Model selection

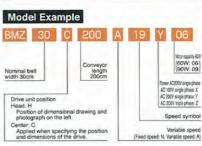
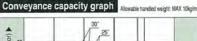
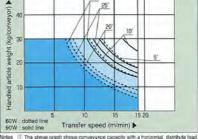


Table of standard motor output settings

Belt width(mm)	200~300	400~500
Motor capacity	60W	90W





Notes ① The above graph shows conveyance capacity with a horizontal, distribute load.
(standard belt. 1 pty)

(2) With variable speed specifications, conveyance capacity drops to 40% of the graph value when transfer speed is 1/3 of the maximum speed.

Conveyor speed table

Speed		Fixed speed (m/min)	Variable speed (m/min	
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)	
1/120	3	2.5/3.0	0.8~2.3/0.9~2.7	
1/100	3.5	3.0/3.5	0.9~2.7/1.1~3.3	
1/90	4	3.5/4.0	1.0~3.0/1.2~3.6	
1/60	5.5	4.5/5.5	1.5~4.5/1.8~5.5	
1/50	6.5	5.5/6.5	1.8~5.5/2.2~6.5	
1/36	9.5	8.0/9.5	2.5~7.5/3.0~9.0	
1/30	11	9.0/11.0	3.0~9.0/3.5~11.0	
1/25	14	12.0/14.0	3.5~11.0/4.5~13.5	
1/18	19	16.0/19.0	5.0~15.0/6.0~18.0	

The table gives speeds with no load. The spee The values in blue are semi-standard speeds. The variable speed range is 3:1.

Motor: 60W out; speed is controlled by a speed-controller system for AC100/200V

(single-phase).

(5) Molor: 90W out: speed is controlled by an inverter system for AC200V (triple-phase). with a single-phase in (power input) and triple-phase out (motor output). When applying 200V (triple-phase) power, one of the phases will be cancelled at the input.



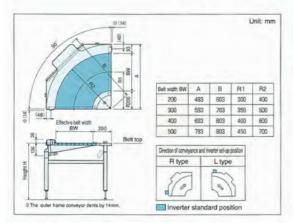
BNC/Curve belt type

Belt conveyor for a carve

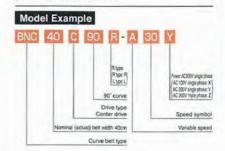
These curve belt conveyors enable 90° redirection in a minimal space.



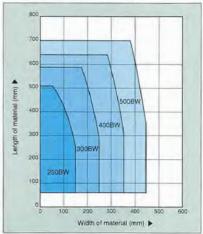
- . The unit shown in the photo is 300mm × 90°.



Model selection



Belt width Selection Chart



■Specifications

	٠.		

	Ont. In
Nominal (actual) belt width BW	200、300、400、500
Inside radius	200
Curve angle	90°
Drive unit height	150
Frame	Steel (Only the belt supporting frame is made out of stailess steel.
Standard belt	Resin belt for food (1-ply) (Option: Anti-bacterial, anti-fungal specifications, White)
Capacity	10kg/unit with variable speed (with a leveled load)
Drive type	Belt circumferential friction drive
Motor capacity	90W
Power	AC100V (Single phase) AC200V (Single phase) AC200V (Triple phase)

[·] During use, do not allow oil or transferred material waste to get on the drive pulley section.

Conveyor speed table

Speed		Variable speed (m/min)
rate (1/R)	Speed symbol	Speed (50/60Hz)
1/25	10	1.7~10.0
1/10	30	5.0~30.0

es ① The table gives speeds with no load. The speed varies about ±10%

due loading.

(2) The values in blue are semi-standard speeds.

3 The value indicated above is the speed at the center of belt. 4 Inverter controlled variable speed is standard.



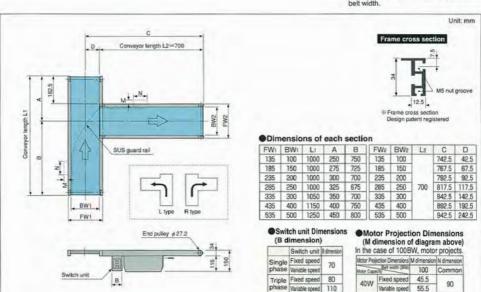
BMA/Crossing Type

For orthogonal conveyance of small articles

The flow direction of small materials can be changed up to 90 degrees by placing conveyors rectangularly.



- · Support is optional.
- The photograph specifications are: 300mm belt width.





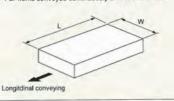
Model selection

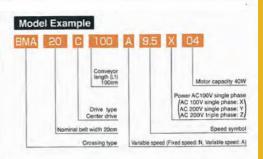
Attiude of materials

Longitudinal conveying is standard. W≦0.75L.

Under the following conditions, the conveying direction may not be stable.

- · W≥L
- · Low speed conveying (5.5/6.5m/min.)
- · Light weight materials of 1kg or less
- · Different speed between upstream and downstream
- · For items conveyed continuously one after another





Conveyor speed table

Speed		Fixed speed (m/min)	Variable speed (m/min)
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)
1/50	6.5	5.5/6.5	1.8~5.5/2.2~6.5
1/36	9.5	8.0/9.5	2.5~7.5/3.0~9.0
1/30	11	9.0/11.0	3.0~9.0/3.5~11.0
1/25	14	12.0/14.0	3.5~11.0/4.5~13.5

Speed		Fixed speed (m/min)	Variable speed (m/min)
reduction Speed symbo rate (1/R)	Speed (50/60Hz)	Speed (50/60Hz)	
1/18	19	16.0/19.0	5.0~15.0/6.0~18.0
1/15	23	18.5/22.5	6.0~18.0/7.0~21.0
1/12.5	27	22.5/27.0	7.0~21.0/8.5~26.0

Notes ① The table gives speeds with no load. The speed varies about ±10% due loading. ② The values in blue are semi-standard speeds. ③ The variable speed range is 3:1.

③ At AC100V and 200V (single phase), the speed is changed using a speed controller. ⑤ Variable speed for AC200V (triple-phase) is controlled by an inverter system with a single-phase input and triple-phase output. When applying 200V (triple-phase) power, one of the phases will be cancelled at the input.

Specifications

Unit: mm

Nominal belt width BW	100	150	200	250	300	400	500		
Actual belt width	97	147	197	247	297	397	497		
Frame width FW	135	185	235	285	335	435	535		
Conveyor length L	See	the tab	le on t	ne left.					
Drive unit height	150								
Frame	Alun	ninium	constru	uction (Frame	height	34)	Vith SUS guide	
Standard belt	Res	in smo	oth gui	de belt	for foo	d (1-pl)	1)		
Capacity	5kg/	piece a	at cross	ing se	ction				
Drive type	Cen	Center drive							
Motor capacity	40W×2								
Power	AC100V (Single phase) AC200V (Single phase) AC200V (Triple phase)								

#Colored letters indicate semi-standard specifications.

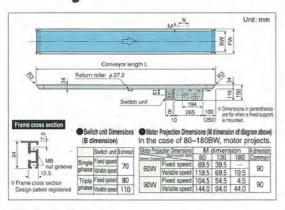


BMS/Knife edge type

For smooth transfer conveyance of small articles

In order to smoothly convey the objects, each end of the conveyor had a radius of 3mm. It can be used for conveying objects as small as 20mm.





Specifications

Specification	S								Unit: mm
Nominal (actual) belt width BW	80	130	180	230	280	380	480	580	
Frame width FW	135	185	235	285	335	435	535	635	
Conveyor length L	1,000、1,500、2,000、2,500、3,000、3,500、4,000							4,000	
Drive unit height	150								
Frame	Aluminium construction (Frame height: 34)								
Standard belt	Resin white belt for food (1-ply)								
Capacity	10kg/overall length (At horizontal, constant speed, both end krife edge), dispersed weight								
Drive type	Center drive								
Motor capacity	60W、90W								
Power	AC100V (Single phase) AC200V (Single phase) AC200V (Triple phase)								

[.] The minimum conveyor length for a 480 or 580mm belt width is the belt width \times 2.5. • A type with a knife edge on only one end is also available.

Model selection

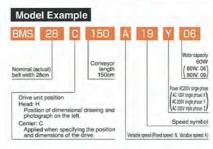
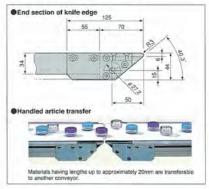


Table of standard motor output settings

Belt width (mm)	80~380	480 - 580
Motor capacity	60W	90W



Conveyor speed table

Speed	Caracid according	Fixed speed (m/min)	Variable speed (m/min)		
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)		
1/120 3		2.5/3.0	0.8~2.3/0.9~2.7		
1/100	3.5	3.0/3.5	0.9~2.7/1.1~3.3		
1/90	90 4 3,5/4.0		1.0~3.0/1.2~3.6		
1/60	5.5	4.5/5.5	1.5~4.5/1.8~5.5		
1/50	6.5	5.5/6.5	1.8~5.5/2.2~6.5		
1/36	9.5	8.0/9.5	2.5~7.5/3.0~9.0		
1/30	- 11	9.0/11.0	3.0~9.0/3.5~11.0		
1/25	14	12.0/14.0	3.5~11.0/4.5~13.5		
1/18	19	16,0/19.0	5.0~15,0/6.0~18.0		

Notes (i) The table gives speeds with no load. The speed varies about ±10% due loading.

2 The values in blue are semi-standard speeds.

③ The variable spend range is 3:1.
③ Motor 60W out speed is controlled by a speed-controller system for AC100/200V(single-phase)

(5) Motor-50W out: speed is controlled by an inverter system for AC200V (triple-phase) with a single-phase in (power input) and triple-phase out (motor output). When applying 200V (triple-phase) power, one of the phases will be cancelled at the input.

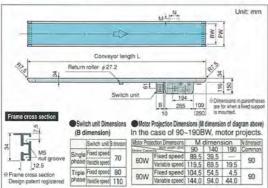


BMR/Roller edge type

Reliable conveying

This conveyor has rollers with a radius of 7.5mm on both ends. It uses a guide belt in order to make reliable conveying possible.





■Specifications

Power

Unit: mm Nominal (actual) belt width BW 140 190 240 290 390 490 590 Frame width FW 185 235 285 335 435 535 Conveyor length L 1,000, 1,500, 2,000, 2,500, 3,000, 3,500, 4,000 Drive unit height Frame Aluminium construction (Frame height: 34) Standard belt Resin white belt for food (1-ply) Capacity 10kg/overall length (At horizontal, constant speed, both end roller edge), dispersed weight Drive type Center drive Motor capacity 60W, 90W

Model selection

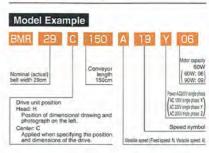
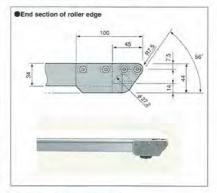


Table of standard motor output settings

Belt width (mm)	90~390	490 - 590
Motor capacity	60W	90W



Conveyor speed table

Speed	Canada ambal	Fixed speed (m/min)	Variable speed (m/min Speed (50/60Hz)		
rate (1/R)	Speed symbol	Speed (50/60Hz)			
1/120 3		2,5/3.0	0.8~2.3/0.9~2.7		
1/100	3.5	3.0/3.5	0.9~2.7/1.1~3.3		
1/90	4	3.5/4.0	1.0~3.0/1.2~3.6		
1/60	5.5	4.5/5.5	1.5~4.5/1.8~5.5		
1/50	6.5	5.5/6.5	1.8~5.5/2.2~6.5		
1/36	9.5	8.0/9.5	2.5~7.5/3.0~9.0		
1/30	- 11	9,0/11.0	3.0~9.0/3,5~11.0		
1/25 14		12.0/14.0	3.5~17.0/4.5~13.5		
1/18	19	16.0/19.0	5.0~15.0/6,0~18.0		

Notes \odot The table gives speeds with no load. The speed varies about \pm 10% due loading.

(2) The values in blue are semi-standard speeds.

3 The variable speed range is 3:1.

(i) Motor, 60W out; speed is composed by a speed-controller system for AC100/2007 (single-phase).
(ii) Motor, 50W out; speed is controlled by an inverter system for AC2000 (right-phase) with a single-phase in (power input) and triple-phase out (motor output). When applying 2000 (right-phase) power, one of the phases will be cancelled at the input.

AC100V (Single phase) AC200V (Single phase) AC200V (Triple phase)

[·] A type with a roller edge on only one end is also available.

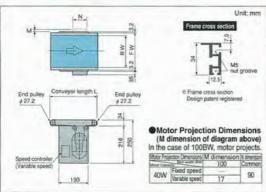


BMJ/Short-length type

For conveying when there is only a short distance between processes

This type has the shortest conveyor length at 250mm. It is ideal for conveying between processes. It uses a guide belt to make reliable conveying possible.



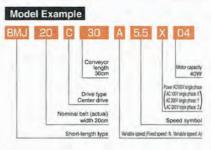


■Specifications

Specification	S							Unit: mm	
Nominal (actual) belt width BW	100	150	200	250	300	400	500		
Frame width FW	135	185	235	285	335	435	535		
Conveyor length L	250~600								
Drive unit height	250								
Frame	Aluminium construction (Frame height: 34)								
Standard belt	Low-noise resin guide belt for food (1-ply)								
Capacity	10kg/overall length (At horizontal, constant speed, dispersed weight)								
Drive type	Center drive								
Motor capacity	40W								
Power	AC100V (Single phase) AC200V (Single phase) AC200V (Triple phase)								

⁻ The minimum conveyor length for a belt width of 250 to 500mm is equal to the belt width.

■ Model selection



Conveyor speed table

Speed	0	Fixed speed (m/min)	Variable speed (m/min)		
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)		
1/90	/90 3 2.5/		0.8~2.4/0.9~2.9		
1/75	3.5	3.0/3.5	1.0~2.9/1.2~3.5		
1/60	4.5	3.5/4.5	1.2~3.6/1.5~4.4		
1/50	5.5	4.5/5.5	1.5~4.4/1.7~5.3		
1/36	8	6.5/8.0	2.0~6.1/2.4~7.3		
1/30	9.5	8.0/9.5	2.4~7.3/2.9~8.7		
1/25	11	9.0/11.0	2.9~8.8/3.5~10.5		
1/20	14	12.0/14.0	3.6~11.0/4.4~13.1		
1/18	16	13.0/16.0	4.0~12.5/5.0~15.0		
1/15	19	16.0/19.0	4.9~14.6/5.9~17.6		
1/12.5	23	18.5/22.5	5.9~17.6/7.0~21.1		
1/10	28	23.0/28.5	7,4~22.0/8.8~26.5		
1/9	31	25.5/31.0	8.2~24.5/9.8~29.4		
1/7.5	38	31.0/37.5	9.8~29.4/11.8~35.3		
1/6	47	39.0/47.0	12.2~36.6/14.7~44.0		

Notes \odot The table gives speeds with no load. The speed varies about \pm 10% due loading.

- 2 The values in blue are semi-standard speeds.
- 3) The variable speed range is 3:1,
- At AC100V and 200V (single phase), the speed is changed using a speed controller.
- (5) Speed for AC200V (triple-phase) is controlled by an inverter system with a single-phase in and triple-phase out. When applying 200V (triple-phase) power, one of the phases will be cancelled at input.

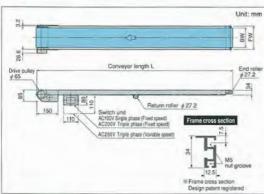


BMP/Motor pulley type

For compact and light-weight conveying

This compact type is driven by a motor and pulley. It uses a guide belt so there is no shifting to the side.



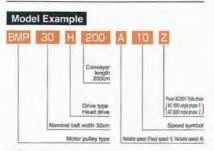


Specifications

Unit: mm Nominal belt width BW 250 200 300 400 500 600 Actual belt width 247 597 197 297 397 497 Frame width FW 285 335 435 535 635 Conveyor length L 500, 1,000, 1,500, 2,000, 2,500, 3,000 #See the Conveyance Capacity table Drive unit height Frame Aluminium construction (Frame height: 34) Standard belt Resin belt for food (1-ply) Capacity See the Conveyance Capacity table Drive type Head drive Motor input (50/60Hz) 40/35W, 59/55W Power AC100V (Single phase) AC200V (Triple phase)

#Colored letters indicate semi-standard specifications.

Model selection



Motor pulley



This conveyor uses an impedance-protection-type inner motor, making possible to prevent the motor from bumping even when the motor is restrained while the power is ON.

However, if the motor is restrained for a long time, it could shorten the life of the motor. ## the motor pulley stops, always turn the power OFF

Conveyance capacity table

Power	Belt width (mm)	Conveyor length (mm)	Capacity (kg/overall length	
AC100V(Single phase) input 27/28W	200.250,300	500、1,000、 1,500	5kg	
AC200V(Triple phase) input 40/35W	200, 250, 300	500, 1,000, 1,500, 2,000	10kg	
AC200V(Triple phase) input 59/55W (High motor capacity type)	250,300,400 500,600	500,1,000, 1,500,2,000, 2,500,3,000,		

Conveyor speed table

Power	Constanted	Fixed speed (m/min)	Variable speed (m/min) Speed (50/60Hz)		
Power	Speed symbol	Speed (50/60Hz)			
AC100V(Single phase) input 27/28W	6.5	5.4/6.5			
	8	6.6/8.0	-		
	10	8.3/10.0			
AC200V(Triple phase)	6.5	5.4/6.5	2.7~5.4/3.2~6.5		
	8	6,6/8.0	3,3~6.6/4.0~8.0		
input 40/35W	10	8.3/10.0	4.2~8.3/5.0~10.0		
AC200V(Triple phase) input 59/55W (High motor capacity type)	13	10.8/13.0	5.4~10.8/6.5~13.0		
	20	16.6/20.0	8,3~16.6/10.0~20.0		
	25	20.8/25.0	10.4~20.8/12.5~25.0		

Notes ① The table gives speeds with no load. The speed varies about ±10%

the badie gives upon the standard speed.

The values in blue are semi-standard speed.

The values in blue are semi-standard speed.

Speed for AC200V (triple-phase) is controlled by an inverter system with a single-phase in and triple-phase out. When applying 200V (triple-phase) power, one of the phases will be cancelled at input. The variable speed range is 2:1.



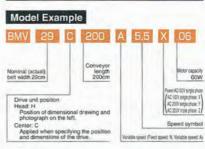
BMV/Trough belt type

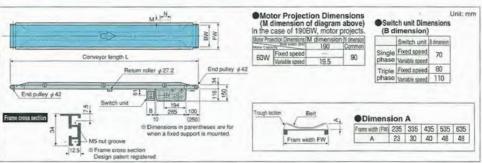
For reliable conveyance of loose articles

The conveyor frame has dented belt center so that unstable or disconnected materials are transferred surely. Only head drive type is available.



Model selection





Specifications

Unit: mm Nominal (actual) belt width BW 190 290 390 490 590 Frame width FW 335 535 635 435 Conveyor length L 1,000, 1,500, 2,000, 2,500, 3,000, 4,000, 5,000, 6,000 Drive unit height Frame Aluminium construction (Frame height: 34) Standard belt Resin belt for food (1-ply) Capacity 15kg/plece (At horizontal, constant speed, dispersed weight) Drive type Center drive Motor capacity Power AC100V (Single phase) AC200V (Single phase) AC200V (Triple phase)

- . The minimum conveyor length for a 490 or 590mm belt width is the belt width x 2.5.
- · When the length exceeds 4,000mm, the belt will be delivered in sections.

Conveyor speed table

Speed		Fixed speed (m/min)	Variable speed (m/min)		
rate (1/R)	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)		
1/120 3		2.5/3.0	0.8~2.3/0.9~2.7		
1/100	3.5	3.0/3.5	0.9~2.7/1.1~3.3		
1/90	4	3.5/4.0	1.0~3.0/1.2~3.6		
1/60	5.5 4.5/5.5		1.5~4.5/1.8~5.5		
1/50	6.5	5.5/6.5	1,8~5,5/2,2~6,5		
1/36	9.5	8.0/9.5	2.5~7.5/3.0~9.0		
1/30	11	9.0/11.0	3.0~9.0/3.5~11.0		
1/25	14	12.0/14.0	3.5~11.0/4.5~13.5		
1/18	19	16.0/19.0	5.0~15.0/6.0~18.0		
1/15	23	18.5/22.5	6.0~18.0/7.0~21.0		
1/12.5	27	22.5/27.0	7.0~21.0/8.5~26.0		

- es ① The table gives speeds with no load. The speed varies about ± 10% due loading

 - The values in blue are semi-standard speeds.
 The variable speed range is 3:1.
 At AC100V and 200V (single phase), the speed is changed using a speed controller. (5) Speed for AC200V (triple-phase) is controlled by an inverter system with a single-phase in and triple-phase out. When applying 200V (triple-phase) power, one of the phases will be cancelled at input.

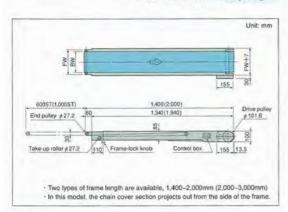


BMT/Telescopic type For freely telescoping conveyance

Can be extended or contracted freely according to work requirements. This model can also be flexibly adapted to layout changes of mechanical equipment etc.



· The photograph specifications are: 200mm belt width × 1400~2000mm conveyor length.

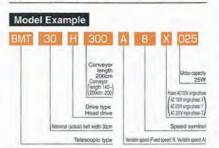


Specifications

-opeomedion	_					Unit: mm			
Nominal (actual) belt width BW	100	150	200	250	300				
Frame width FW	150	200	250	300	350				
Conveyor length L	1,400~2,000、2,000~3,000								
Drive unit height	100								
Frame	Aluminium construction (Frame height: 85 Telescopic frame height: 30)								
Standard belt	Resin belt for food (1-ply)								
Capacity	15kg/overall length (At horizontal, constant speed, dispersed weight)								
Drive type	Head drive								
Motor capacity	25W								
Power	AC100V (Single phase) AC200V (Single phase) AC200V (Triple phase) Fixed speed								

*Colored letters indicate semi-standard specifications.

Model selection







Slide operation is done manually



As shown in the above photograph, the conveyor can be easily pulled out by hand when the fastening knob is loosened. After setting to the desired frame length, fasten the telescoping frame by firmly tightening the fastening knob.

Conveyor speed table

Speed reduction rate (1/R)		Fixed speed (m/min)	Variable speed (m/min)		
	Speed symbol	Speed (50/60Hz)	Speed (50/60Hz)		
1/100	2	2.4/2.9	0.8~2.4/0.9~2.9		
1/90	3	2.7/3.3	0.9~2.7/1.0~3.3		
1/60	5	4.1/4.9	1.3~4.1/1.5~4.9		
1/50	6	4.9/5.8	1.6~4.9/1.9~5.8		
1/36	8	6.8/8.1	2.0~6.8/2.5~8.1		
1/30	10	8.1/9.7	2.5~8.1/3.0~9.7		
1/18	16	13.5/16.1	4.0~13.5/5.0~16.1		

- Notes ① The table gives speeds with no load. The speed varies about ±10%

 - due loading.

 ② The values in blue are semi-standard speeds.
 ③ The values beed range is 3:1.

 ④ At AC100V and 200V (single phase), the speed is changed using a speed controller.



List of Belts

	Andrews and a	4			Core	
	Applicable model	Туре	Shape	Model No.	Material	Ply
	SBM, BHH, BMV, BMT	Resin belt for food	Flat belt	BA1	Polyester	1
	вме	Resin guide belt for food	Guide belt	BA2	Polyester	1
	BMG, BHG, BMJ, BMP	Low noise resin guide belt for food	Guide belt	MB2	Polyester	1
Standa	BMS	Resin belt for food	Flat belt	GA3	Polyester	1
Standard belt	BMR	Resin guide belt for food	Guide belt	GA4	Polyester	1
	вмк	Resin cleated belt for food	Cleated belt	BN1	Polyester	2
	BMN, BMZ	Angled resin guide belt	Guide belt	MD2	Polyester	1
	ВМА	Smooth guide belt	Guide belt	ME2	Polyester	1
	BNC	Resin belt for food (curved)	Flat belt	NJ1	Polyester	4
SBI	SBM, BHH, BMT	The state of the s	Flat belt	MC1	Polyester	
В	BMG, BHG, BMJ, BMP	High-performance, charge-resistant belt	Guide belt	MC2		1
	SBM, BHH, BMT	Angled resin belt	Flat belt	BD1	Polyester	1
	SBM, BHH, BMT	Angled resin belt	Flat belt	MD1	Polyester	- 1
	SBM, BHH, BMT	A - 1 - 2 - 1 - 1 - 1 - 1	Flat belt	GD1	2000	1
	BMG, BHG, BMJ, BMP	Angled resin belt	Guide belt	GD2	Polyester	1
	SBM, BHH, BMT	Smooth belt	Flat belt	ME1	Data and	1
9	BMG, BHG, BMJ, BMP	Smooth beit	Guide belt	ME2	Polyester	1
Option belt	SBM, BHH, BMT	Smooth belt	Flat belt	ME3	B. L. Carlo	1
5	BMG, BHG, BMJ, BMA, BMP	Smooth beit	Guide belt	ME4	Polyester	
=	SBM, BHH, BMT	Smooth belt	Flat belt	BE1		
	BMG, BHG, BMJ, BMA, BMP	Smooth beit	Guide belt	BE2	Polyester	1
	SBM, BHH, BMT	Smooth belt	Flat belt	HE1	Dataset	
	BMG, BHG, BMJ, BMP	SHIDOLII DEIL	Guide belt	HE2	Polyester	2
	SBM, BHH, BMT	Heat-resistant belt	Flat belt	FH1	Polyester	1
	SBM, BHH, BMT	100000000000000000000000000000000000000	Flat belt	GH1	(Sa. J. 8	
	BMG, BHG, BMJ, BMP	Heat-resistant belt	Guide belt	GH2	Polyester	1
	SBM, BHH, BMT	40 - 000 - 000	Flat belt	BF1	T CHARLES	- 00
	BMG, BHG, BMJ, BMP	Oil resistant belt	Guide belt	BF2	Polyester	1

■Equations for calculating belt length

Туре	Equations for calculating belt length (mm)
SBM	Conveyor length ×2+215
BMG	Conveyor length ×2+215
BME	Conveyor length×2+35
внн	Conveyor length×2+60
BHG	Conveyor length×2+60
вмк	Conveyor length×2+80
вми	Conveyor length (L1+L2)×2+215

Туре	Equations for calculating belt length (mm)
	(Inclined) L=2×(L1+L2)+280
BMZ	(Feeder) L=2×C+127
	₩C=Lower length - 75
ВМА	Conveyor length×2+215
BMS	Conveyor length×2+230
BMR	Conveyor length×2+240
BMJ	Conveyor length×2+230
ВМР	Conveyor length × 2+60



Surface					and the same	Annual Control	Anna a
Material	Color	Total thickness (mm)	*Operating temperature	Conveying food	Charge resistant	Oil resistant	Notes
Polyurethane	Green	0.7	-10~80℃	0	0	×	White available
Polyurethane	Green	0.7	-10~80°C	0	0	×	White available
Polyurethane	Green	0.7	-30~80°C	0	0	×	White available
Polyurethane	White	1.1	-30~100°C	0	0	×	
Polyurethane	White	1.1	─30~100°C	0	0	×	
Polyurethane	Green	1.1	—10~80°C	0	0	×	
Polyurethane	Green	1.3	-30~80°C	0	0	×	White available
Polyester	Green	0.6	—30~80°C	0	0	×	
Polyurethane	Green	1.0	−30~80°C	0	Δ	×	White available Be aware of static electricity
Polyurethane	Black	0.7	—30~80°C	×	0	×	Surface resistance: 1×10 ⁷ Ω
Polyurethane	Green	1.0	-10~80℃	0	0	×	Inclination angle: Within 15 degrees
Polyurethane	Green	1.3	-30~80°C	0	O	×	
Polyurethane	Green	1.5	-30~100°C	×	0	×	
Polyester	Green	0.6	-30~80℃	0	0	×	
Polyester	White	0.6	—30~80°C	0	0	×	
Polyester	White	0.7	−10~80°C	0	0	×	
Cotton	White	1.8	-30~100℃	0	×	×	Anti-abrasion type (For printed materials cosmetic boxes, etc.)
Silicon	White	0.7	−20~150°C	0	×	×	
Non-woven fabric	Gray	1.6	-30~120℃	×	0	×	
Vinyl chloride	Blue	1.0	5~60°C	×	0	0	

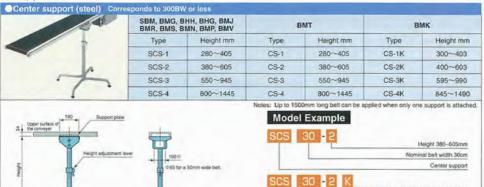
#The optional belt may affect the belt due to the operating conditions, such as temperature, chemicals, oil, etc.

Туре	Equations for calculating belt length (mm)
вму	Conveyor length×2+245
вмт	Conveyor length 1,400~2,000=4,685 Conveyor length 2,000~3,000=6,675



Option

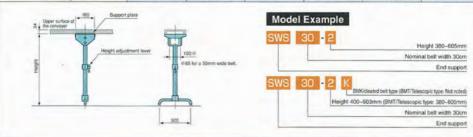
■Supports



BMK/cleated belt type (BMT/Telescopic type: Not noted)
Height 400-603mm (BMT/Telescopic type: 380-605mm)

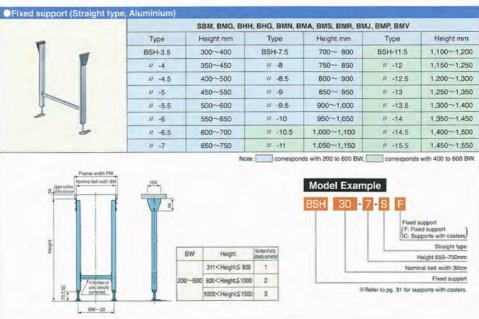
Nominal belt width 30cm Center support

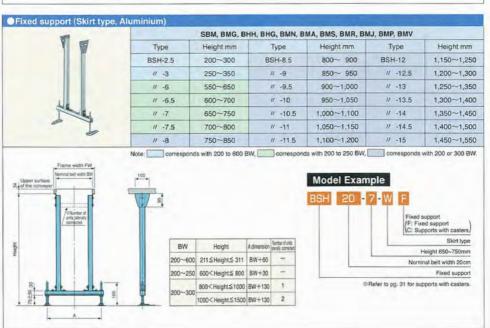




	SBM, BMG, B	SBM, BMG, BHH, BHG, BMJ BMR, BMS, BMN, BMP, BMV		вмк	
	Туре	Height mm	Туре	Height mm	
N. U	ES-1	116	ES-2	130	
of R Support pl	ate 14 (support base width	0	Model	Example	
91	≠ 10 round bar		ES	Height 11	
				E1019114	









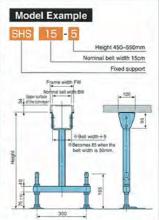
Option

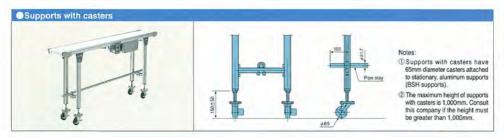
■Supports

Fixed support (skirt type, steel)



Type	Height mm	Type	Height mm
SHS-3	250~300	SHS-9.5	900~1,000
// -3.5	300~400	// -10	950~1,050
// -4	350~450	// -10.5	1,000~1,100
// -4.5	400~500	// -11	1,050~1,150
// -5	450~550	// -11.5	1,100~1,200
// -5.5	500~600	// -12	1,150~1,250
// -6	550~650	// -12.5	1,200~1,300
// -6.5	600~700	// -13	1,250~1,350
// -7	650~750	// -13.5	1,300~1,400
// -7.5	700~ 800	// -14	1,350~1,450
// -8	750~ 850	// -14.5	1,400~1,500
// -8.5	800~ 900	// -15	1,450~1,550
11 -9	850~ 950		





Number of installed supports (optional equipment)

Fixed support

Length (m)	Center drive · Head drive	Length (m)	Center drive · Head drive
0.6≦L≦2	2	5 <l≦8< td=""><td>5</td></l≦8<>	5
2 <l≦4< td=""><td>3</td><td>8<l≦9< td=""><td>6</td></l≦9<></td></l≦4<>	3	8 <l≦9< td=""><td>6</td></l≦9<>	6
4 <l≦5< td=""><td>4</td><td>9<l≦12< td=""><td>7</td></l≦12<></td></l≦5<>	4	9 <l≦12< td=""><td>7</td></l≦12<>	7

[·] Supports are installed at a maximum pitch of 2m.

■Center · End support

Length (m)	Center drive	· Head drive	Length (m)	Center drive · Head drive		
	Center support	End support		Center support	End support	
0.6≦L≦2	1	0	5 <l≦8< td=""><td>2</td><td>3</td></l≦8<>	2	3	
2 <l≦3< td=""><td>1</td><td>1</td><td>8<l≦9< td=""><td>2</td><td>4</td></l≦9<></td></l≦3<>	1	1	8 <l≦9< td=""><td>2</td><td>4</td></l≦9<>	2	4	
3 <l≦4< td=""><td>2</td><td>1</td><td>9<l≦12< td=""><td>2</td><td>5</td></l≦12<></td></l≦4<>	2	1	9 <l≦12< td=""><td>2</td><td>5</td></l≦12<>	2	5	
4 <l≦5< td=""><td>2</td><td>2</td><td></td><td></td><td></td></l≦5<>	2	2				

[·] Center supports can also be used as end supports.







Notes	
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Notes

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