

Model BC5200 Available Options

Model BC5200 AC Variable Speed Controller



- Model ACC - AC variable speed controller

Model BC5200 Belting



- Model GPB - General purpose belt
- Model ACB - Accumulation belt
- Model FRB - Friction belt
- Model GPBV - with v-guide
- Model ACBV - with v-guide
- Model FRBV - with v-guide

Other information:

Standard belt widths available	80mm, 100mm, 150mm, 200mm, 250mm, 300mm and 450mm
Bed Sections available	Plain slider bed model BD V-guide slider bed model VBD
Standard support heights available – all plus/minus 150mm adjustable	762mm, 914mm, 1067mm, 1219mm, 1372mm and 1524mm

Min RPM	Nominal Ft/min	Max RPM	Drive Pulley
7.1	73.3	100.3	48
6.5	67.2	92.0	44
5.9	61.1	83.6	40
5.3	55.0	75.3	36
5.0	51.9	71.1	34
4.7	48.9	66.9	32
4.4	45.8	62.7	30
4.1	42.8	58.5	28
3.8	39.7	54.4	26
3.7	38.2	52.3	25
3.5	36.7	50.2	24*
3.2	33.6	46.0	22
2.9	30.6	41.8	20

Green shaded items are stock ratios
*Minimum pulley size for heavy duty drive.



Model BC5200 Belt Conveyor



SPECIFICATIONS

End Drive	1/6 HP, 230 volt, 3-phase inverter duty gear motor 52mm diameter drive and tail pulleys
Frame	Extruded aluminum frame with 10mm T-slot available for attaching peripheral equipment
Speed	Standard speeds 35 to 70 feet per minute
Belt	General purpose endless constructed belt with V-guide Available belt widths 80mm, 100mm, 150 mm, 200mm, 250mm, 300mm and 450mm
Bearings	Double-sealed, permanently lubricated ABEC bearings used throughout

Specifications subject to change without notice. Please contact ACE for specification suitability.

OPTIONS

- 3/8 HP heavy duty end drive
- Center drive
- Nose roller transfers 10mm or 19mm diameter
- Friction or accumulation belts
- AC variable speed controller – 115 VAC
- AC variable speed indexing controller – 115 VAC
- Fixed or caster type supports
- Other speeds available

The ACE Model BC5200 is a modular extruded aluminum belt conveyor system that provides flexibility in handling a variety of products. This unit incorporates modern brushless AC motor technology and has an available “plug-in” AC variable speed controller.

FEATURES

- Ladder frame construction used on all but 80mm belt width
- Hybrid drive pulley
- V-guide standard
- CNC manufactured components
- Nose roller transfers
- AC brushless motor technology
- Timing belt drive

BENEFITS

- Minimal flex, great for portable conveyor applications
- Greater belt pull capability at lower belt tensions, leading to longer belt life
- Minimizes belt tracking issues
- High quality/ease of assembly
- Permit small part handling
- Reduced maintenance; no brush replacement
- Quiet; low maintenance



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Model BC5200 Available Options

Model BC5200 End Drive



- Model SEDL - Standard duty 1/6 HP drive shown
- Model SEDR - Right hand belt guard
- Model HEDL - Heavy duty 3/8 HP drive
- Model HEDR - Right hand belt guard

Model BC5200 Center Drive



- Model CD - Standard duty 1/6 HP drive
- Model HCD - Heavy duty 3/8 HP drive shown

Model BC5200 Support



- Model HS - Standard H support plus/minus 150mm

Model BC5200 Caster Support



- Model CMK - Caster mounting kit

Model BC5200 Standard Tail 52mm



- Model ST - 80mm tail non-v-guide
- Model SVT - 100mm and wider with v-guide

Model BC5200 FNR10 Fixed Nose Roller



- Model FNR10 - 10mm diameter fixed nose roller

Model BC5200 Return Cam



- Model RC - Cam belt return used on 150mm and narrower belts

Model BC5200 Return Roller



- Model RR- Return roller, used on 200mm and wider belts

Model BC5200 NR19 Nose Roller



- Model NR19 - 19mm diameter nose roller

Model BC5200 Knee Brace



- Model KB - Support knee brace

Model BC5200 Fixed Guide Rail



- Model FGR - Fixed guide rail, stainless steel construction

Model BC5200 Adjustable Guide Rail



- Model AGR - Adjustable guide rail