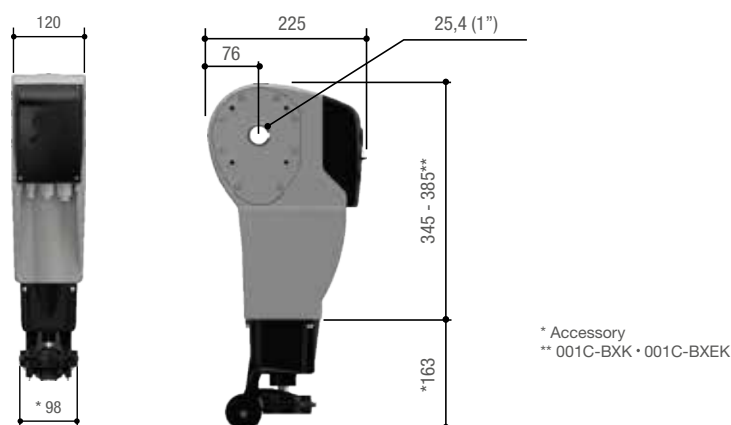




Ideal solution for sectional, sliding or folding door applications

- C-BXK and C-BXEK offer greater torque, for moving very heavy doors with 230 V AC voltage.
- Adjustable travel and slow-down speed in the 24 V DC version.
- It can open manually by using the handy winch device.
- Possibility of horizontal and vertical installation for greater versatility.
- 230 - 400 V AC three-phase version, equipped with encoder, to guarantee greater thrust and maximum safety.

Dimensions (mm)



Operational limits


















MODELS	C-BX	C-BXK	C-BXE	C-BXEK	C-BXE24	C-BXT	C-BXET
DIRECTLY-DRIVEN SECTIONAL DOORS							
Max. height of leaf (m)	5,5	5,5	5,5	5,5	5,5	5,5	5,5
CHAIN-DRIVEN SECTIONAL DOORS							
Max. height of leaf (m)	8,5	8,5	8,5	8,5	8,5	8,5	8,5
SLIDING AND FOLDING SLIDING DOORS							
Max. height of leaf (m)	11	11	5,5	5,5	5,5	11	5,5

Technical characteristics

MODELS	C-BX	C-BXK	C-BXE	C-BXEK	C-BXE24	C-BXT	C-BXET
Protection rating (IP)	54	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230-400 V AC THREE PHASE	230-400 V AC THREE PHASE
Power supply to motor (V)	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	24 DC	230-400 V AC TRIPH. 50/60Hz	230-400 V AC TRIPH. 50/60Hz
Absorption (A)	2,2	3,6	2,2	3,6	9 Max.	2,5	2,5
Power (W)	450	750	450	750	240	750	780
Crown turns (rpm)	21,5	21,5	21,5	21,5	26,5	21,5	21,5
Duty/cycle (%)	30	30	30	30	HEAVY-DUTY SERVICE	50	50
Thrust (N)	60	120	60	120	25	80	80
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	150	-	150	150

● 230 V AC ● 24 V DC ● 230 - 400 V AC THREE PHASE

Code Description

230 V AC Gearmotors		
001 C-BX	Gearmotor with mechanical limit-switches.	
001 C-BXK	Gearmotor with mechanical limit-switches.	
001 C-BXE 	Gearmotor with encoder.	
001 C-BXEK 	Gearmotor with encoder.	
Control panels for gearmotors: 001C-BX – 001C-BXK		
002 ZC3	Control panel with maneuvering thrust functions and self-diagnosing safety-devices.	
002 ZC3C	Control panel with safety stop and buttons plus self-diagnosing safety-devices	
002 ZM3EC 	Multifunction control panel for two-leaved doors, complete with safety lock and buttons, with graphic programming display and signalling, plus self-diagnosing safety devices.	
Control panels for gearmotors: 001C-BXE – 001C-BXEK		
002 ZCX10	Multifunction control panel with alerts-and-programming graphics display plus self-diagnosing safety-devices.	
002 ZCX10C	Multifunction control panel with safety stop and buttons, with alerts-and-programming graphics display plus self-diagnosing safety-devices.	
24 V DC gearmotors		
001 C-BXE24 	Gearmotor with encoder.	
Control panels for gearmotor: 001C-BXE24		
002 ZL80 	Multifunction control panel with alerts-and-programming graphics display plus self-diagnosing safety-devices.	
002 ZL80C 	Multifunction control panel with safety stop and buttons, with alerts-and-programming graphics display plus self-diagnosing safety-devices.	
Accessories for: 002ZL80 and 002ZL80C		
002 LBD2 	Circuit board for emergency operation and battery charging.	

NOTES:
002LBD2 - No. 2 12 V - 1.2 Ah batteries not supplied, 002ZL80 and 002ZL80C requires proper external housing.

THE COMPLETE RANGE

Code Description

230 - 400 V AC three-phase gearmotors

001**C-BXT** Gearmotor with mechanical limit-switches.



001**C-BXET** Gearmotor with encoder.



Control panels for gearmotor: 001C-BXT

002**ZT6** Control panel with self-diagnosing safety-devices.



002**ZT6C** Control panel with safety stop and buttons, plus self-diagnosing safety-devices.



Control panels for gearmotor: 001C-BXET






















002**ZT5** Multifunction control panel with alerts-and-programming graphics display plus self-diagnosing safety-devices.



002**ZT5C** Multifunction control panel with safety stop and buttons, with alerts-and-programming graphics display plus self-diagnosing safety-devices.



Code Description

Accessories for: SLIDING AND SWING-LEAF DOORS		
009 CCT	Simple 1/2" chain.	
009 CGIU	Joint for 1/2" chain.	
001 C003	Reset system for sliding doors with Z = 26 pinion shaft for gearmotor hollow shaft, chain-tightening reset, gearmotor-anchoring braces and lead-fastening braces.	
001 C004	Reset system for folding doors with Z = 26 pinion shaft for gearmotor hollow shaft, chain-tightening reset, gearmotor-anchoring braces and lead-fastening braces.	
Accessories for: SECTIONAL DOORS		
001 C011	Chain transmission system with 1:1 ratio, featuring a pinion with Z = 26 for gearmotor hollow shaft, Z = 26 pinion with chain and coupler for 1/2" chain and bracers for anchoring to the gearmotor.	
001 C005	Chain-drive system (upper door height at 5.5.m) with Z = 26 pinion shaft for gearmotor hollow shaft, Z = 40 pinion with chain and joint for 1/2" chain and gearmotor-anchoring braces.	
001 C006	Package of two drilled braces with Ø 25.4 mm (1") spring shaft (this accessory is specific for fitting onto doors with direct transmission gearmotor).	
001 C007	Accessory with Ø 25 mm spring shaft.	
001 C008	Accessory with Ø 40 mm spring shaft.	
001 C009	Motor supporting brace with Ø 25.4 mm (1") spring shaft (specific accessory for fitting onto doors with direct-drive gearmotors).	
801 XC-0150	Winch for manual drive with DIN 766 Ø 3 mm chain (chain L = 10 m).	
Accessories		
001 CMS	Release handle with customized key and resetting pull-cord L = 7 m.	
001 C002	Hanging release system.	
24 V accessories for: SECTIONAL DOORS		
806 XG-0060 	Safety sensor for industrial doors using laser technology with a detection zone of max. 10 m × 10 m.	
806 XG-0070 	Safety sensor for industrial doors using laser technology with a detection zone of max. 5 m × 5 m.	
Accessories for: 806XG-0060 - 806XG-0070		
818 XG-0019	Remote control for opening and safety detector.	
806 XG-0050 	Steel support for opening detector and barrier safety.	
806 XG-0040 	24 V DC power supply for opening and safety detector.	