

# CDO Datasheet

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Product Information  
Product Data



## CDO 100B Compact

- Available with pre-wired starter.
- Available with a variety of manual operating systems.
- 1" industry standard output shaft.
- Handing can be changed on site to suit the installation.
- Integral Thermal Protection.
- IP 54 Environment Protection.
- Gear driven Limit Switches.
- Phosphor bronze Worm Wheel.
- Developed to make installation easy and simple.

The CDO-100B COMPACT door operator has a 0.55kW, 400V three phase motor. Alternatively, a 0.3kW, 240V single phase version is available. These models are available with either a High Level or Floor Level Hand Chain System, which can enable the roller shutter door to be manually opened & closed when required. Available with pre-wired Starter. Developed to make installation easy and simple.

Data/ Type	1ph CDO 100B Compact HCR/FLM	3ph CDO 100B Compact HCR/FLM
Power (kW)	0.3	0.55
Torque (Nm)	65	90
Output Speed (R.P.M.)	24	24 / 30 / 45
Number of Turns	38/22	38
IP Rating	I.P.54	I.P.54
Current (Amps)	4.5	1.8
Power Supply	240V/1ph/50Hz	400V/3ph/50Hz

## CDO 100 1PH & 3PH

- Available with pre-wired starter.
- Safety Interlock Switch for manual operation.
- Integral Thermal Protection.
- 1" industry standard output shaft.
- IP 54 Environment Protection.
- Gear driven Limit Switches.
- Phosphor bronze Worm Wheel.
- Handing can be changed on site to suit the installation.
- Available with a variety of manual operating systems.
- Developed to make installation easy and simple.
- Option for foot mounting (without flange & with 50mm long output shaft).

The CDO-100 rolling door flangemount operator has a 0.37kW single phase or 0.75kW three phase unbraked motor. These models are available with Hand Crank (HCR), High Level Hand Chain (WGI) or Floor Level Hand Chain (KE) systems which enable the roller shutter door to be manually opened & closed when required.

Data/ Type	CDO-100 c/w HCR	CDO-100 c/w KE	CDO-100 c/w WGI
Power (kW)		0.37(1ph) or 0.75(3ph)	
Torque (Nm)		90 (1ph) or 135 (3ph)	
Output Speed (R.P.M.)		24	
Number of Turns		40	
IP Rating		I.P.54	
Current (Amps)		2.50 (1ph) or 1.85 (3ph)	
Power Supply		230v / 1ph / 50Hz or 400v / 3ph / 50Hz	

## CDO 150 Flangemount

- Safety interlock switch for manual operation.
- Integral thermal protection.
- 1" dia. industry standard output shaft.
- IP54 environment protection.
- Gear driven limit switches.
- Phosphor bronze worm wheel.
- High starting torque industrial duty motor.
- Integral parking brake.
- Option for footmounting (without flange & with 50mm long output shaft).
- KE Floor level handchain override system available.

The CDO-150 Rolling Door Operator is available with a 1.1kw, 400v Three Phase Brake Motor. These models are fitted with either a Hand Crank (HCR), Floor Level Hand Chain (KE) System or High Level Hand Chain System (WGI) which enables the roller shutter door to be manually opened & closed when required.

Data/ Type	CDO-150 3ph c/w HCR		CDO-150 3ph c/w KE		CDO-150 3ph c/w WGI	
Power (kW)	1.1					
Torque (Nm)	197	110	197	110	197	110
Output Speed (R.P.M.)	24	45	24	45	24	45
Number of Turns	40 (80 turn limits are available on request).					
IP Rating	I.P.54					
Current (Amps)	3.1					
Power Supply	400v/3ph/50Hz					

## CDO 175 Flangemount

- Safety interlock switch for manual operation.
- Integral thermal protection.
- 30mm dia. industry standard output shaft.
- I.P. 54 environment protection.
- Gear driven limit switches.
- Phosphor bronze worm wheel.
- High starting torque industrial duty motor.
- Integral parking brake.

The CDO-175 Rolling Door Operator is available with a 1.1kw, 400v Three Phase Brake Motor. This model can be fitted with a Hand Crank or High Level Hand Chain System which enables the roller shutter door to be manually opened & closed when required.

Data/ Type	CDO-175 c/w HCR	CDO-175 c/w WGI
Power (kW)	1.1	
Torque (Nm)	197	
Output Speed (R.P.M.)	24	
IP Rating	I.P.54	
Current (Amps)	2.2	
Power Supply	400v/3ph/50Hz	

## CDO 200 Flangemount

- Safety interlock switch for manual operation.
- Integral thermal protection.
- 30mm dia. industry standard output shaft.
- IP54 environment protection.
- Gear driven limit switches.
- Phosphor bronze worm wheel.
- High starting torque industrial duty motor.
- Integral parking brake.
- Option for footmounting (without flange & with 50mm long output shaft).
- KE Floor level handchain override system available.

The CDO-200 Rolling Door Operator is available with 1.5kw, 400v Three Phase Brake Motor or 0.75kw, 230v Single Phase Motor. These models can be fitted with a Hand Crank (HCR), High Level Hand Chain (WGI) or Floor Level Hand Chain (KE) System which enables the roller shutter door to be manually opened & closed when required.

Data/ Type	CDO-200 3PH c/w HCR	CDO-200 3PH c/w KE	CDO-200 1PH c/w WGI	CDO-200 HD 3PH c/w KE Override
Power (kW)	1.5	1.5	0.75	1.5
Torque (Nm)	285 / 175	285 / 175	200	245
Output Speed (R.P.M.)	24/45	24/45	24	45
IP Rating	I.P.54	I.P.54	I.P.54	I.P.54
Current (Amps)	3.2	3.2	5.2	3.6
Power Supply	400v/3ph/50Hz	400v/3ph/50Hz	230v/1ph/50Hz	400v/3ph/50Hz

## CDO 275 Flangemount

- Safety interlock switch for manual operation.
- Integral thermal protection.
- 40mm dia. industry standard output shaft.
- IP54 environment protection.
- Gear driven limit switches.
- Phosphor bronze worm wheel.
- High starting torque industrial duty motor.
- Integral parking brake.
- Option for footmounting (without flange & with 50mm long output shaft).
- KE Floor level handchain override system available.

The CDO-275 Rolling Door Operator is available with a 1.5kw, 400v Three Phase Brake Motor. This model can be fitted with a Hand Crank (HCR), High Level Hand Chain (WGI) or Floor Level Hand Chain (KE) Chain System which enables the roller shutter door to be manually opened & closed when required.

Data/ Type	CDO-275 c/w HCR	CDO-275 c/w WGI	CDO-275 c/w KE
Power (kW)		1.5	
Torque (Nm)		410 / 245	
Output Speed (R.P.M.)		24/45	
IP Rating		I.P.54	
Current (Amps)		4.1	
Power Supply		400v/3ph/50Hz	

## CDO 375 & 400 Flangemount

- Gear Driven Limit Switches
- Integral Thermal Protection
- 45mm Dia. industry standard output shaft
- I.P. 54 Environment Protection
- Phosphor Bronze Worm Wheel
- High starting Torque Industrial Duty Motor

The CDO-375 & CDO-400 Rolling Door Operator is available with a 3kW or 4kW, 400v Three Phase Brake Motor. Both of these operators can be fitted with a Hand Crank Interlock which enables the barrel to be manually turned during installation. Please advise handing & mounting configuration required at time of order.

Data/ Type	CDO-375 Flangemount c/w HCR	CDO-400 Flangemount c/w HCR
Power (kW)	3	4
Torque (Nm)	835	970
Output Speed (R.P.M.)	24	28
IP Rating	I.P.54	
Current (Amps)	7.1	8.8
Power Supply	400v/3ph/50Hz	

## CDO 375s & 400s Footmount

- Gear Driven Limit Switches
- Integral Thermal Protection
- 45mm Dia. industry standard output shaft
- I.P. 54 Environment Protection
- Phosphor Bronze Worm Wheel
- High starting Torque Industrial Duty Motor

The CDO-375s & CDO-400s Rolling Door Operator is available with a 3kW or 4kW, 400v Three Phase Brake Motor. Both of these operators can be fitted with a Hand Crank Interlock which enables the barrel to be manually turned during installation. Please advise handing & mounting configuration required at time of order.

Data/ Type	CDO-375s Foot Mount c/w HCR	CDO-400s Footmount c/w HCR
Power (kW)	3	4
Torque (Nm)	835	970
Output Speed (R.P.M.)	24	28
IP Rating	I.P.54	
Current (Amps)	7.1	8.8
Power Supply	400v/3ph/50Hz	