



Dod

Technical Data sheet

automations for sectional doors, rolling shutters and sliding doors.



Product range

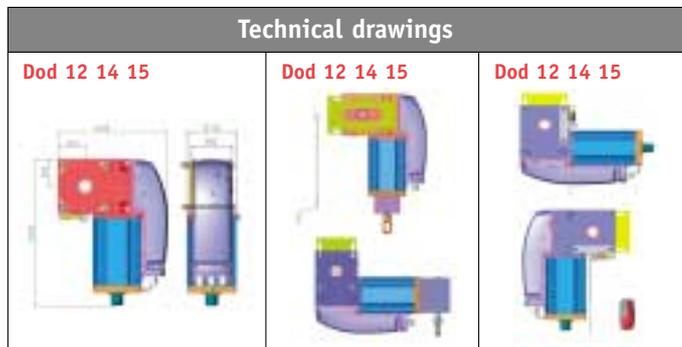
	Dod 12 - Dod 12B	Dod 14 - 14B	Dod 15 - Dod 15B
Torque	45 Nm	60 Nm	65 Nm
Motor	H90 monophase	H90 monophase	TH90 triphase
Limit switch	built-in rotatory	built-in rotatory	built-in rotatory
Lock release	by cord (12) by crank (12B)	by cord (14) by crank (14B)	by cord (15) by crank (15B)

Distinctive features

- ▶ It can have different applications:
 - It can be fitted in line on sectional overhead doors
 - It can be fitted with pinion and ring gear on sectional overhead doors,
 - It can be applied to sliding doors
 - It can be applied to sliding doors, with chain transmission
- ▶ Easy installation
 - Either keyed on the transmission shaft or moved by pinion and chain, it makes all the other transmission mechanisms unnecessary.
- ▶ Tested and reliable component parts already applied to other DITEC automations.
- ▶ Compact and limited dimensions favour application in the event of lack of space.
- ▶ Modern and elegant design.
- ▶ Adjustable, rotatory limit-switch group.
- ▶ Two emergency lock release devices:
 - with cord: quick lock release, once the automation lock has been released the following operations can be carried out manually
 - with crank: by rotating the crank, properly geared down, the door is either lifted or closed again, the automation is used as a hoist.
- ▶ The installation with pinion and ring gear favours the speed adjustment of the door according to one's own needs or it can allow operation in the event of lack of space sideways.

Dod automations are equipped with safety and control accessories in compliance with the regulations in force.

Technical drawings

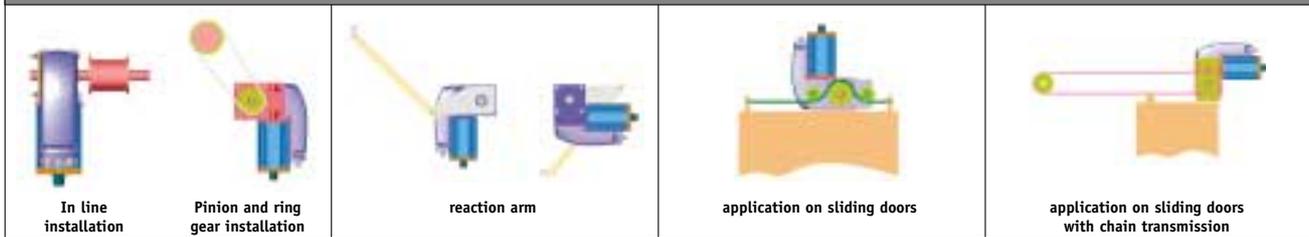


Dod 12 14 15

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Applications



▶ Technical Specifications

	DOD 12	DOD 14	DOD 15
Description: Electromechanical Actuator	for overhead doors and large sliding doors	for overhead doors and large sliding doors	for overhead doors and large sliding doors
Derived models	DOD 12B	DOD 14B	DOD 15B
Type of use/service	heavy duty	heavy duty	heavy duty
Intermittency	S2 = 30 min S3 = 50%	S2 = 30 min S3 = 50%	S2 = 30 min S3 = 50%
Power supply	230 V~/50 Hz	230 V~/50 Hz	400 V~/50 Hz
Insulation class	class 1	class 1	class 1
Input	3 A	3 A	1.2 A
Torque / Thrust	45 Nm	60 Nm	65 Nm
Drive shaft rpm	32 RPM	22 RPM	32 RPM
Release for manual opening	by cord by crank (12B)	by cord by crank (14B)	by cord by crank (15B)
Operating temperature	-20°C / +55°C	-20°C / +55°C	-20°C / +55°C
Protection degree	IP54	IP54	IP54
Production dimensiona	135x264x350	135x264x350	135x264x350
Control panel	E1F LOGIC A21F	E1F LOGIC A21F	LOGIC TF

▶ Main functions

	DOD 12-14 E1F	DOD 12-14 LOGIC A21F	DOD 15 LOGIC TF
Description:: Control panel	for 1 230 V~ motor with incorporated radio	for 1 230 V~ motor (multifunction)	for 1 400 V~ three-phase motor (multifunction)
Mains power supply	230 V~/50 Hz	230 V~/50 Hz	400 V~/50 Hz
Motor power supply	230 V~/5 A	230 V~/5 A	400 V~/6 A
Accessories power supply	24 V=/0.5 A	24 V=/0.3 A	24 V=/0.3 A
Electric lock		24 V=/1.2 A	
Flashing light indicates automatic closing for 3 seconds	230 V	230 V and 24 V	24 V
Open automation indicator signals total closing failure	from limit switch	from limit switch and analogue	from limit switch
Courtesy light	/		
Limit switch prearrangement	/	/	/
Force adjustment	transformer	transformer	
ODS - Obstacle detecting system causes stop or reversal of operation if an obstacle is found	/	/	
Operation time adjustment	/	/	
Opening command (with dip-switch)	/	/	/
Partial opening command (with remote only)	/	/	/
Closing command	/	/	/
Timed automatic closing	/	/	/
Step-by-step command	/	/	/
Hold-to-run command	/	/	/
Stop safety device	/	/	/
Reverse movement safety device	/	/	/
Autotest function for SICUR self-controlled safety devices		/	/
NIO - Antifreeze system for maintaining motor efficiency even at low temperatures		/	
Operating temperature	-20°C / +55°C	-20°C / +55°C	-20°C / +55°C
Protection degree	IP55	IP55	IP55
Product dimensions	180x250x100	180x250x100	225x320x120



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