

# GR300 FS



Free-swing door closer with scissor arm

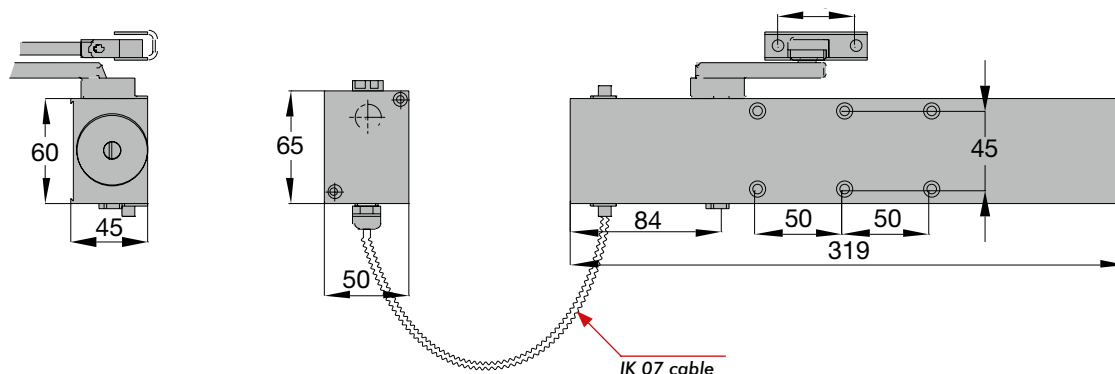


## GROOM PRODUCT ADVANTAGES

- No effort required in opening and closing the door: «Free door»
- Allow to equip heavy doors: fixed force EN 4, EN 5 and EN 6
- Automatic closing of the door leaf upon activation of the fire alarm: then it performs like a normal door closer
- Compliance with NFS 61937-1 et NFS 61937-2
- Adjustable closing speed by grub screw and adjustable latching by device arm
- Relief valve as a standard
- Opening angle up to 180° on pull side
- Fixings hidden in its cover
- Fitting on any type of support (wood, aluminum, PVC)
- Sustainable and continuous adjustments thanks to its thermostable technology.

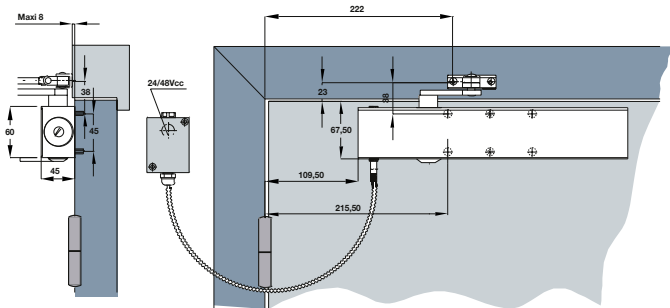
TECHNICAL CHARACTERISTICS	GR300 FS
Closing force	4 to 6 according to the model
Maximum dimension of the door	< 1400 mm
Tested to EN 1154	YES
Tested to EN 1155	YES
CE mark for construction products	YES
Fire door, anti-flame and smoke check doors	YES
Adjustable closing speed by grub screw	YES
Adjustable latching by arm device	YES
Automatic selection 24/48 Vcc	YES
Power consumption	2,4 W
IP 42 protection (protection against penetration of foreign solids and penetration of water)	YES
IK 07 protection (protection against external mechanical impacts)	YES
Door leaf fixing on pull side	24/48 Vcc fail secure
Transom fixing on push side	24/48 Vcc fail secure
Scissor arm	YES
Standard color: silver	YES
RAL colors	OPTION

## > DOOR-CLOSER DESIGN

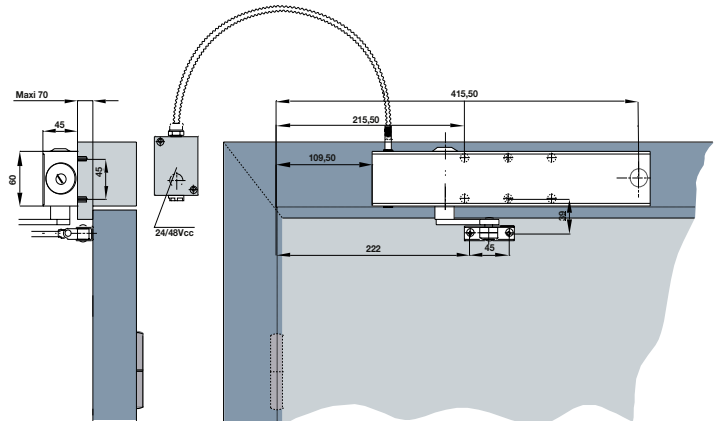


## > FIXING

### Fitted on pull side body on door



### Fitted on push side body on frame



## > DESCRIPTION

Smart free swing door closer GROOM GR300 FS, scissor arm, compliance with EN 1154 and EN 1155, CE mark, compliance with NFS 61937-1 et NFS 61937-2.

- No effort required in opening and closing the door: «Free door».
- Automatic closing of the leaf by order of the fire station allowing to ensure firestopping.
- Fixe force EN 4, EN 5 and EN 6 for doors up to 1400 mm width and/or 120 kg with an opening angle up to 180°.
- Adjustable closing speed by grub screw and adjustable latching by device arm.
- Body fixings hidden.
- Pull side, body on door or push side body on frame.
- Reversible, non-handed.
- Power supply from fire station in 24/48 Vcc fail secure with automatic selection.
- IK 07 protection for the cable and IP 42 protection
- Thermostable hydraulic from -20° to +40°.
- Door closer equipped with pressure relief valves.
- Silver, RAL finishes.

### REFERENCES

## GR300 FS

GR30014XFS

GR300 FS EN 4

GR30015XFS

GR300 FS EN 5

GR30016XFS

GR300 FS EN 6

### Code X = Finish Code

1 = silver

8 = other RAL (option)