

# FREQUENZ INDUSTRIAL DOOR OPERATORS HIGH SPEED DOOR OPERATORS



# FREQUENZ INDUSTRIAL DOOR OPERATOR HIGH SPEED DOOR OPERATOR

Your best choice of new generation operators together with new standards for industrial and high speed doors.

## Why?



**Frequenz 230V AC 1-phase  
Art. nr. 19010001**

- Engineered in Germany, top quality through material selection and design.
- Two versions: 100Nm for doors up to 28m<sup>2</sup> and 140Nm for doors up to 48m<sup>2</sup>.
- Frequency convertor (FU) (only on the 1-phase version): Always the proper door speed at the right time. Including of course soft-start and soft-stop mode.
- Digital limit switches, easy to set-up in the control system.
- Clear text display for easy programming.
- Multiple language display, 6 languages available.
- Integrated torque monitoring system.
- Manual override hand-chain.
- Power of 230V 1-phase or **NEW** in the family 400V 3-phase.

# FREQUENZ INDUSTRIAL DOOR OPERATOR

- Torque monitoring system for additional safety
- Opening speed up to 1m/s
- Accurate limit setting by encoder
- Automatic closing by timer or passing through the photocell
- Protection class IP65
- Multiple safety inputs for safety-edges, lightcurtains, photocells, radars and loop detectors etc.
- Traffic light function
- Clear text display for easy programming
- Service indicator for setting the number of maximum door-cycles until next service
- Clear text failure messages
- Main switch as standard
- Multiple inputs for pull switches, key switches etc.
- 3 programmable relais outputs



Frequenz 400V AC 3-phase  
Art. nr. 19010015

## Product Parameters

Application	Industrial doors				
FREQUENZ-model	FREQUENZ 28	FREQUENZ 48	FREQUENZ 28 HS	FREQUENZ 400-100	FREQUENZ 400-140
Connection voltage	230V AC 1-phase	230V AC 1-phase	230V AC 1-phase	400V AC 3-phase	400V AC 3-phase
Motor power in KW	0.55	1.1	1.1	0.55	1.1
Torque in Nm	100	140	100	100	140
Speed in RPM	5-50		5-90	30	30
Frequency converter	yes			no	no
Force supervision	yes			yes	yes
Diameter hollow shaft	25.44 mm	31.75 mm	31.75 mm	25.44 mm	31.75 mm
Endurance	35c/h	30c/h	30c/h	35c/h	35c/h
Emergency release	chain hoist				
Limit setting of door travel	digital encoder				
Max. door area	28m2	48m2	28M2	28m2	48m2

# FREQUENZ HIGH SPEED DOOR OPERATOR

- Torque monitoring system for additional safety
- Opening speed up to 2m/s
- Accurate limit setting by encoder
- Automatic closing by timer or passing through the photocell
- Protection class IP65
- Multiple safety inputs for safety-edges, lightcurtains, photocells, radars and loop detectors etc.
- Traffic light function
- Clear text display for easy programming
- Service indicator for setting the number of maximum door-cycles until next service
- Clear text failure messages
- Main switch as standard
- Multiple inputs for pull switches, key switches etc.
- 3 programmable relais outputs



Frequenz High speed  
Art. nr. 19050001

Product Parameters			
Application	High Speed doors		
FREQUENZ-model	FREQUENZ 30-HSD	FREQUENZ 65-HSD	FREQUENZ 100-HSD
Motor power in KW	0.55	1.1	1.5
Torque in Nm	30	65	100
Speed in RPM	30-250		
Frequency converter	yes		
Force supervision	yes		
Diameter hollow shaft in mm	30		
Endurance	60c/h		
Emergency release	crank		
Limit setting of door travel	digital encoder		
Force of mechanical brake	8Nm	12Nm	12Nm
Max. door area	9m <sup>2</sup>	16m <sup>2</sup>	25m <sup>2</sup>

# FREQUENZ ACCESSORIES



Light curtain  
2550mm or 2030mm



Traffic lights



Herkules  
motion detector



Crawford shaft  
extension SW<sub>25</sub>/ SW<sub>27</sub>



Crawford shaft  
extension, round  
35mm



Crawford shaft  
extension, with  
key way



Hörmann shaft  
extension



Hörmann shaft  
extension, 40mm with  
key way



FREQUENZ  
transmitter, universal

IDD-Parts is your supplier for spare-parts, panels and automation for the service, repair, maintenance and after-sales of all (!) brands of industrial overhead doors and docking systems. Easy to order in our webshop [www.iddparts.eu](http://www.iddparts.eu), 24 hours per day 365 days per year.



for doors and docking



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