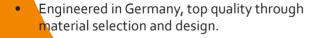
# FREQUENZ INDUSTRIAL DOOR OPERATORS HIGH SPEED DOOR OPERATORS

# frequenz

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# 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.



- Two versions: 100Nm for doors up to 28m2 and 140Nm for doors up to 48m2.
- Frequency convertor (FU) (only on the 1-phaze 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.

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

- 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	5-5	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	3oc/h	3oc/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

Prequenz 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	6oc/h					
Emergency release	crank					
Limit setting of door travel	digital encoder					
Force of mechanical brake	8Nm	12Nm	12Nm			
Max. door area 9m2		16m2	25m2			

### **FREQUENZ ACCESSORIES**



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, 24 hours per day 365 days per year.

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