

GENERAL SPECIFICATION D, U, F, FM-Line

1. General norm definitions for **Standard** products

D-Line

- CE Approval
- IP 50 EN 60529
- Balancing < G6.3

U-Line

- CE Approval
- IP 50 EN 60529
- Balancing < G6.3

F-Line

- CE Approval
- IP 50 EN 60529
- Locked rotor protection
- Coils to isulation class E
- Isulation resistance min. 10MΩat 500V DC
- Dielectric strength max. 1mA at 500 V AC
- Balancing < G6.3

FM-Line

- CE Approval
- IP 50 EN 60529
- UL EH E12044
- CSA LR99364-4
- TÜV R9754792
- Locked rotor protection
- Coils to isulation class E
- Isulation resistance min. 10MΩat 500V DC
- Dielectric strength max. 1mA at 500 V AC

F-Line Pelko

- CE Approval
- UL listed
- IP 50 (up to IP 54) EN 60529
all pcb are varnised
- Locked rotor protection
- Coils to isulation class E
- Isulation resistance min. 10MΩat 500 V DC
- Dielectric strength max. 1mA at 500 V AC

2. General norm definitions for **modified** products

D-Line

Fans with low level sealing and moulding

- CE Approval
- IP 54 EN 60529
- Corrosion protection MAG specified humidity temperature salt test
- Humidity RH 30-95%

D480, D600 for EEX protection

- CE Approval
- IP 67 EN 60529
- EEx EN 50014 / 50021 EEx nWIIC T5 Zone 2
- Corrosion protection MAG specified humidity temperature salt test
- Humidity RH 30-95%

Fans with High Temperatur Impeller

- short term up to max. 100°C
- reduction of MTTF depending on application

U-Line

Blowers with low level sealing and moulding

- CE Approval
- IP 54 EN 60529
- Corrosion protection MAG specified humidity temperature salt test
- Humidity RH 30-95%

U97 for EEX protection

- CE Approval
- IP 67 EN 60529
- EEx EN 50014 / 50021 EEx nWIIC T5 Zone 2
- Corrosion protection MAG specified humidity temperature salt test
- Humidity RH 30-95%

F-Line

Only F62....-8 with special sealing & coating process

- CE Approval
- IP 54 EN 60529
- Corrosion protection MAG specified humidity temperature salt test
- Humidity RH 30-95%

FM-Line

Higher IP-Protection level is not possible

- CE Approval
- IP 50 EN 60529
- UL EH E12044
- CSA LR99364-4
- TÜV R9754792
- Humidity RH 30-95%

F-Line Pelko

- (up to IP 55) EN 60529
with double varnished process (PCB and Stator)