





The diagram shows a circular label for an INTERROLL drum motor. The label contains the following technical specifications:

- ① Made in Germany
- ② 41836 Hückelhoven
- ③ Cont. duty 40 °C 1.0 SF
- ④ Oil 32 cSt
- ⑤ 0.18 m/s  
43.3 fpm
- ⑥ 50 Hz 230 V  
60 Hz 220-240 V
- ⑦ If 1.03  
1.12
- ⑧ RL 492
- ⑨ IEC 34
- ⑩ 6 µF
- ⑪ Phase 1  
Ik 2.40  
2.30
- ⑫ 0.11 kW  
0.15 HP
- ⑬ CLASS F
- ⑭ No 296019
- ⑮ Order 217265
- ⑯ IP 66
- ⑰ cos 0.88  
0.99
- ⑱ EDP no 6094Q
- ⑳ De2009/41

**Label for S- and E-series**

① Country of production	⑪ Blocked motor current
② Place of production	⑫ Rated mechanical power
③ Max. ambient temperature and service factor	⑬ Insulation class
④ Oil type	⑭ Serial number
⑤ Drum speed	⑮ Order number
⑥ Rated voltage and frequency	⑯ Protection rating
⑦ Full load current	⑰ Power factor
⑧ Roller / shell length	⑱ Article no.
⑨ International Electrical Commission: Standard for Drum Motor	⑳ Type of Drum Motor
⑩ Capacitor value	㉑ Country and date of production

## General technical information

### Product identification

To identify a Drum Motor, the following information is required. You may enter the values of your Drum Motor in the last column.

Information	Possible value	Own value
Drum Motor label	Motor type	
	Speed in m/s	
	Serial number	
	Shell length in mm	
	No. of poles	
	Power in kW	
Shell (tube) diameter	e.g.	
	112.3 ends of drum	
	113.3 middle of drum	
Lagging material	e.g.	
	Rubber	
	Thickness	
	Profile	

### Technical data

Protection classification	IP66
Ambient temperature range for normal applications <sup>1)</sup>	+5 °C to +40 °C
Ambient temperature range for low temperature applications <sup>1)</sup>	-25 °C to +15 °C
Cycle times	max. 3 starts/stops per minute Higher cycle times possible with variable frequency drive (VFD) or special design
Installation altitude above sea level	max. 1000 m

<sup>1)</sup> Depending on the ambient temperature, different oil types may be required (see "List of oil types", page 89). For ambient temperatures under +5 °C anti-condensation heating is recommended. Under -20 °C special shaft seals and cable are required.