

# CONFIGURATOR S-SERIES

## Drum Motor

Required delivery time		____/____/____		Company		_____	
Contact and Reference		_____		_____		_____	
Quantity		_____		_____		_____	
Application		<input type="radio"/> Friction drive belt <input type="radio"/> Dry <input type="radio"/> Horizontal (max ± 6°)		<input type="radio"/> Positive drive belt / No belt <input type="radio"/> Wet <input type="radio"/> Other angle of mounting: _____		Type of industry: _____ Ambient temperature: _____ °C	
Mounting		_____		_____		_____	
Motor Data:		_____		_____		_____	
Motor type		<input type="radio"/> 80S <input type="radio"/> 113S		<input type="radio"/> 138I <input type="radio"/> 165I		<input type="radio"/> 138I <input type="radio"/> 165I	
Rated power		_____ kW		_____ kW		_____ kW	
Number of poles		_____		_____		_____	
Rated speed		_____ m/s at 50 Hz		_____ m/s at 50 Hz		_____ m/s at 50 Hz	
Gear ratio		<input type="radio"/> 230 V <input type="radio"/> 400 V <input type="radio"/> 60 Hz		<input type="radio"/> 1-phase <input type="radio"/> 3-phase		<input type="radio"/> Variable speed: from _____ to _____ m/s at 50 Hz	
Rated voltage		<input type="radio"/> 230 V <input type="radio"/> 400 V <input type="radio"/> 60 Hz		<input type="radio"/> 690 V (for 315i only)		<input type="radio"/> Other: _____ V, 3-phase	
Frequency		<input type="radio"/> 50 Hz <input type="radio"/> 60 Hz		<input type="radio"/> 690 V (for 315i only)		<input type="radio"/> Other: _____ V, 3-phase	
Versions:		_____		_____		_____	
Length (full mm only)		SL: _____ mm		EL: _____ mm		AGL: _____ mm	
Shell profile		<input type="radio"/> Crowned <input type="radio"/> Mild steel		<input type="radio"/> Cylindrical <input type="radio"/> Stainless steel		<input type="radio"/> Cylindrical with key <input type="radio"/> Stainless steel	
Shell material		<input type="radio"/> Aluminium <input type="radio"/> Aluminium with cable protection		<input type="radio"/> Stainless steel <input type="radio"/> Stainless steel		<input type="radio"/> Stainless steel <input type="radio"/> Stainless steel	
End housing		<input type="radio"/> Aluminium (standard)		<input type="radio"/> Aluminium with cable protection		<input type="radio"/> Stainless steel <input type="radio"/> Stainless steel	
Shaft cap		<input type="radio"/> Aluminium (standard)		<input type="radio"/> Aluminium with cable protection		<input type="radio"/> Stainless steel <input type="radio"/> Stainless steel	
Cable connector		<input type="radio"/> Straight, stainless steel <input type="radio"/> Gland, screened cable, blue cover		<input type="radio"/> Gland, stainless steel <input type="radio"/> Gland, copper stocking		<input type="radio"/> Gland, copper stocking, blue cover <input type="radio"/> Gland, copper stocking	
Cable outer sheath and shielding		<input type="radio"/> Standard, unscreened <input type="radio"/> Halogen-free, unscreened		<input type="radio"/> Standard, screened <input type="radio"/> Halogen-free, screened		<input type="radio"/> Standard, screened <input type="radio"/> Halogen-free, screened	
Cable length		<input type="radio"/> 1 m <input type="radio"/> 3 m		<input type="radio"/> 5 m <input type="radio"/> 10 m		<input type="radio"/> 5 m <input type="radio"/> 10 m	
Terminal box		<input type="radio"/> Aluminium <input type="radio"/> Mineral (standard)		<input type="radio"/> Stainless steel <input type="radio"/> Synthetic (FDA)		<input type="radio"/> Stainless steel <input type="radio"/> Synthetic (FDA)	
Oil		<input type="radio"/> Mineral (standard)		<input type="radio"/> Synthetic (FDA)		<input type="radio"/> Low temperature <input type="radio"/> FDA / EC 1935/2004	
Certifications		<input checked="" type="checkbox"/> OE		<input type="checkbox"/> UL approved		<input type="checkbox"/> UL approved	
Control Options		<input type="radio"/> Clockwise		<input type="radio"/> Counter-clockwise		<input type="radio"/> Counter-clockwise	
Backstop		<input type="radio"/> Hot		<input type="radio"/> Cold		<input type="radio"/> Hot <input type="radio"/> Cold	
Vulcanization		<input type="radio"/> Hot		<input type="radio"/> Cold		<input type="radio"/> Hot <input type="radio"/> Cold	
Colour		<input type="radio"/> Black		<input type="radio"/> White (FDA and EC1935/2004)		<input type="radio"/> Blue (FDA and EC1935/2004)	
Lagging for friction drive belt		Thickness: <input type="radio"/> 2 mm * <input type="radio"/> 8 mm <input type="radio"/> 10 mm <input type="radio"/> 12 mm <input type="radio"/> 14 mm*		<input type="radio"/> 4 mm <input type="radio"/> 6 mm <input type="radio"/> 10 mm <input type="radio"/> 12 mm		<input type="radio"/> 5 mm <input type="radio"/> 6 mm <input type="radio"/> 10 mm <input type="radio"/> 12 mm	
Surface		<input type="radio"/> Smooth <input type="radio"/> Diamond patterned		<input type="radio"/> Smooth <input type="radio"/> Diamond patterned		<input type="radio"/> Smooth <input type="radio"/> Diamond patterned	
V-grooved hot vulcanised only):		<input type="radio"/> K6 <input type="radio"/> K8		<input type="radio"/> K6 <input type="radio"/> K8		<input type="radio"/> K6 <input type="radio"/> K8	
Other or multiple (drawing required)		<input type="radio"/> K10 <input type="radio"/> K13		<input type="radio"/> K10 <input type="radio"/> K13		<input type="radio"/> K10 <input type="radio"/> K13	
Manufacturer of belt:		_____		_____		_____	
Number of teeth:		_____ mm		_____ mm		_____ mm	
Pitch circle diameter:		_____ mm		_____ mm		_____ mm	
Type:		_____		_____		_____	
Belt material:		_____		_____		_____	

# CONFIGURATOR I-SERIES

## Drum Motor

Required delivery time		____/____/____		Company		_____	
Contact and reference		_____		_____		_____	
Quantity		_____		_____		_____	
Application		<input type="radio"/> Friction drive belt <input type="radio"/> Dry <input type="radio"/> Horizontal (max ± 6°)		<input type="radio"/> Positive drive belt / No belt <input type="radio"/> Wet <input type="radio"/> Other angle of mounting: _____		Type of industry: _____ Ambient temperature: _____ °C	
Mounting		_____		_____		_____	
Motor Data:		_____		_____		_____	
Motor type		<input type="radio"/> 80I <input type="radio"/> 216I <input type="radio"/> 80I - derated		<input type="radio"/> 113I <input type="radio"/> 217I <input type="radio"/> 113I - derated		<input type="radio"/> 138I <input type="radio"/> 315I <input type="radio"/> 138I - derated	
Rated power		_____ kW		_____ kW		_____ kW	
Number of poles		_____		_____		_____	
Rated speed		_____ m/s at 50 Hz		_____ m/s at 50 Hz		_____ m/s at 50 Hz	
Gear ratio		<input type="radio"/> 230 V <input type="radio"/> 400 V <input type="radio"/> 60 Hz		<input type="radio"/> 690 V (for 315i only)		<input type="radio"/> Other: _____ V, 3-phase	
Frequency		<input type="radio"/> 50 Hz <input type="radio"/> 60 Hz		<input type="radio"/> 690 V (for 315i only)		<input type="radio"/> Other: _____ V, 3-phase	
Versions:		_____		_____		_____	
Length (full mm only)		SL: _____ mm		EL: _____ mm		AGL: _____ mm	
Shell profile		<input type="radio"/> Crowned <input type="radio"/> Mild steel		<input type="radio"/> Cylindrical <input type="radio"/> Stainless steel		<input type="radio"/> Cylindrical with key <input type="radio"/> Stainless steel	
Shell material		<input type="radio"/> Aluminium <input type="radio"/> Aluminium with cable protection		<input type="radio"/> Stainless steel <input type="radio"/> Stainless steel		<input type="radio"/> Stainless steel <input type="radio"/> Stainless steel	
End housing		<input type="radio"/> Aluminium (standard)		<input type="radio"/> Aluminium with cable protection		<input type="radio"/> Stainless steel <input type="radio"/> Stainless steel	
External seal		<input type="radio"/> Mild steel, galvanised labyrinth <input type="radio"/> Stainless steel (standard)		<input type="radio"/> Stainless steel labyrinth <input type="radio"/> Cross-drilled thread, stainless steel		<input type="radio"/> Stainless steel labyrinth with FPM <input type="radio"/> Cross-drilled thread, mild steel	
Shaft		<input type="radio"/> Mild steel (standard) <input type="radio"/> Rz 15-20 µm (Ra 4-5 µm)		<input type="radio"/> Stainless steel (standard) <input type="radio"/> Rz 6.3 µm (Ra 1.4 µm)		<input type="radio"/> Stainless steel <input type="radio"/> > Rz 1.6 µm (Ra 0.8 µm)	
Surface roughness		<input type="radio"/> Straight, brass/nickel <input type="radio"/> Elbow, technopolymer		<input type="radio"/> Straight, stainless steel <input type="radio"/> Elbow, stainless steel		<input type="radio"/> PU shaft plug <input type="radio"/> Special cable slot connector	
Cable connector		<input type="radio"/> Elbow, technopolymer <input type="radio"/> Standard, unscreened		<input type="radio"/> Elbow, stainless steel <input type="radio"/> Standard, screened		<input type="radio"/> Elbow, stainless steel <input type="radio"/> Standard, screened	
Cable outer sheath and shielding		<input type="radio"/> Halogen-free, unscreened <input type="radio"/> Halogen-free, unscreened		<input type="radio"/> Halogen-free, unscreened <input type="radio"/> Halogen-free, screened		<input type="radio"/> Halogen-free, unscreened <input type="radio"/> Halogen-free, screened	
Cable length		<input type="radio"/> 1 m <input type="radio"/> 3 m		<input type="radio"/> 5 m <input type="radio"/> 10 m		<input type="radio"/> 5 m <input type="radio"/> 10 m	
Terminal box		<input type="radio"/> Aluminium <input type="radio"/> Mineral (standard)		<input type="radio"/> Stainless steel <input type="radio"/> Synthetic (FDA)		<input type="radio"/> Stainless steel <input type="radio"/> Synthetic (FDA)	
Oil		<input type="radio"/> Mineral (standard)		<input type="radio"/> Synthetic (FDA)		<input type="radio"/> Low temperature <input type="radio"/> FDA / EC 1935/2004	
Certifications		<input checked="" type="checkbox"/> OE		<input type="checkbox"/> UL approved		<input type="checkbox"/> UL approved	
Control Options		<input type="radio"/> Clockwise		<input type="radio"/> Counter-clockwise		<input type="radio"/> Counter-clockwise	
Backstop		<input type="radio"/> Hot		<input type="radio"/> Cold		<input type="radio"/> Hot <input type="radio"/> Cold	
Vulcanization		<input type="radio"/> Hot		<input type="radio"/> Cold		<input type="radio"/> Hot <input type="radio"/> Cold	
Colour		<input type="radio"/> Black		<input type="radio"/> White (FDA and EC1935/2004)		<input type="radio"/> Blue (FDA and EC1935/2004)	
Lagging for friction drive belt		Thickness: <input type="radio"/> 2 mm * <input type="radio"/> 8 mm <input type="radio"/> 10 mm <input type="radio"/> 12 mm <input type="radio"/> 14 mm*		<input type="radio"/> 4 mm <input type="radio"/> 6 mm <input type="radio"/> 10 mm <input type="radio"/> 12 mm		<input type="radio"/> 5 mm <input type="radio"/> 6 mm <input type="radio"/> 10 mm <input type="radio"/> 12 mm	
Surface		<input type="radio"/> Smooth <input type="radio"/> Diamond patterned		<input type="radio"/> Smooth <input type="radio"/> Diamond patterned		<input type="radio"/> Smooth <input type="radio"/> Diamond patterned	
V-grooved hot vulcanised only):		<input type="radio"/> K6 <input type="radio"/> K8		<input type="radio"/> K6 <input type="radio"/> K8		<input type="radio"/> K6 <input type="radio"/> K8	
Other or multiple (drawing required)		<input type="radio"/> K10 <input type="radio"/> K13		<input type="radio"/> K10 <input type="radio"/> K13		<input type="radio"/> K10 <input type="radio"/> K13	
Manufacturer of belt:		_____		_____		_____	
Number of teeth:		_____ mm		_____ mm		_____ mm	
Pitch circle diameter:		_____ mm		_____ mm		_____ mm	
Type:		_____		_____		_____	
Belt material:		_____		_____		_____	

**Profilled lagging for positive drive belts**  
(hot vulcanised only)

# CONFIGURATOR D-SERIES

# INTERROLL CENTRE OF EXCELLENCE – DRUM MOTORS



The Interroll Centre of Excellence in Baal (near to Düsseldorf, Germany) concentrates on drum motors used as drive solutions in belt conveyors for food processing and other systems for internal logistics, as well as in various other industrial sectors. In this product sector, the company is responsible within the global Interroll Group for all technical concerns ranging from development and application engineering to production and support for local Interroll companies. Interroll Production facilities include a Rubber Lagging and Coating Centre for hot and cold vulcanising drum motors and rollers used in internal logistics, food processing and pharmaceutical industries.

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<b>Drum Motor</b>	____ / ____ / ____		<b>Company</b> _____	
<b>Required delivery time</b>	_____			
<b>Contact and reference</b>	_____			
<b>Application</b>	<input type="radio"/> Friction drive belt	<input type="radio"/> Positive drive belt / No belt	<input type="radio"/> Type of industry: _____	<input type="radio"/> Ambient temperature: _____ °C
<b>Mounting</b>	<input type="radio"/> Dry	<input type="radio"/> Wet		
<b>Motor Data:</b>	<input type="radio"/> Horizontal (max ± 5°)			
<b>Motor type</b>	<input type="radio"/> 80D	<input type="radio"/> 88D	<input type="radio"/> 113D	
<b>Rated power</b>	_____ kW			
<b>Number of poles</b>	_____ m/s at 50 Hz			
<b>Rated speed</b>	_____ m/s at 50 Hz from _____ to _____ m/s at 50 Hz			
<b>Gear ratio</b>	<input type="radio"/> 200-240V 3 phase	<input type="radio"/> 300-440V 3 phase	<input type="radio"/> 48 V DC	<input type="radio"/> Other: _____ V, 3-phase
<b>Rated voltage</b>	<input type="radio"/> 50 Hz	<input type="radio"/> 60 Hz		
<b>Frequency</b>				
<b>Versions:</b>				
<b>Length (full mm only)</b>	SL: _____ mm	EL: _____ mm	AGL: _____ mm	
<b>Shell profile</b>	<input type="radio"/> Crowned	<input type="radio"/> Cylindrical	<input type="radio"/> Cylindrical with key	<input type="radio"/> Hexagonal
<b>Shell material</b>	<input type="radio"/> Mild steel			
<b>End housing</b>	<input type="radio"/> Stainless steel			
<b>External seal</b>	<input type="radio"/> Deflection seal PTFE			
<b>Shaft</b>	<input type="radio"/> Stainless steel			
<b>Surface roughness</b>	<input type="radio"/> Rz 15-20 µm (Ra 4-5 µm)			
<b>Cable connector</b>	<input type="radio"/> Straight, brass/nickel	<input type="radio"/> Elbow, stainless steel	<input type="radio"/> Straight cable connector for EHEDG	<input type="radio"/> Straight cable connector for feedback device
<b>Cable</b>	<input type="radio"/> Elbow connector stainless steel for feedback device			
<b>Cable length</b>	<input type="radio"/> 1.5 m	<input type="radio"/> 2 m*	<input type="radio"/> 3 m	<input type="radio"/> 5 m
<b>Oil</b>	<input type="radio"/> Standard, screened	<input type="radio"/> Halogen-free, screened	<input type="radio"/> 7.5 m	<input type="radio"/> 10 m
<b>Certifications</b>	<input type="radio"/> *Max cable length for IFL- IP55 Inverter	<input type="radio"/> Low temperature	<input type="radio"/> 20 m	<input type="radio"/> 20 m
<b>Control Options</b>	<input type="radio"/> Synthetic (FDA)	<input type="radio"/> CE	<input type="radio"/> FDA / EC 1935/2004	
<b>Safety holding brake</b>	<input type="radio"/> 24 V DC	<input type="radio"/> 205 V DC		
<b>Rectifier</b>	<input type="radio"/> 230 V AC in / 24 V DC out	<input type="radio"/> 230 V AC in / 205 V DC out		
<b>Shell Lagging Options (NBR)</b>	<input type="radio"/> RLS incremental encoder	<input type="radio"/> LTN Resolver	<input type="radio"/> SKS 36 Hipurface	
<b>Vulcanization</b>	<input type="radio"/> Hot			
<b>Colour</b>	<input type="radio"/> Black	<input type="radio"/> White (FDA and EC 1935/2004)	<input type="radio"/> Blue (FDA and EC 1935/2004)	
<b>Lagging for friction drive belt</b>	Thickness: <input type="radio"/> 2 mm *	<input type="radio"/> 3 mm	<input type="radio"/> 4 mm	<input type="radio"/> 5 mm
	<input type="radio"/> 8 mm	<input type="radio"/> 10 mm	<input type="radio"/> 12 mm	<input type="radio"/> 14 mm *
	Surface <input type="radio"/> Smooth <input type="radio"/> Diamond patterned			
	V-grooved (hot vulcanised only): <input type="radio"/> K6 <input type="radio"/> K8 <input type="radio"/> K10 <input type="radio"/> K13			
	<input type="radio"/> K15 <input type="radio"/> K17 <input type="radio"/> Other or multiple (drawing required)			
<b>Profiled lagging and sprockets for positive drive belts</b>	<input type="radio"/> Sprockets			
<b>Transmission</b>	<input type="radio"/> Lagging			
<b>Belt manufacturer</b>	_____			
<b>Belt series</b>	_____			
<b>Belt material</b>	_____			
<b>Belt type and variant</b>	_____			
<b>Required belt speed</b>	_____			
<b>Number of teeth</b>	_____			
<b>Reversible</b>	<input type="radio"/> Yes <input type="radio"/> No			
<b>Outside diameter (OD) in mm</b>	_____			
<b>Pitch circle diameter (PCD) in mm</b>	_____			
<b>Lagging/Sprocket material</b>	<input type="radio"/> NBR	<input type="radio"/> PU	<input type="radio"/> POM	<input type="radio"/> other: _____
	<input type="radio"/> Stainless steel			



## **Inspired by efficiency**

Established in 1959 Interroll has grown to become the world's leading supplier of key products for internal logistics. Whether boxes, pallets or soft goods are to be handled, no other supplier has such a complete product range on offer. That is why system integrators, OEMs and operators select Interroll as their partner for their internal logistics business. Worldwide. The Interroll global network ensures quick delivery and superior service for every local customer. We inspire our customers and provide opportunities for them to increase efficiency.

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