

Geared motors IMfinity®

Helical gears COMPABLOC, MANUBLOC, ORTHOBLOC

ATEX environment: Non-conductive dust, Category 3 - Zone 22

Integral mounting **MI**Universal mounting **MU**Input shaft mounting **AP**

AVAILABILITY TIMES EX WORKS (FRANCE), IN WORKING DAYS

Orders received, within the maximum quantity limit, by the factory on day D before 12:00 pm Central European Time, will have the following Availability.

For products with options, availability will be that of the longest lead-time item, i.e: the product or its options.

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D	D + 1	D + 2	D + 5	D + 10	D + 15	Please consult
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Cb, Mub, Ot + 4p motors

230 V Δ / 380 V Y / 400 V Y / 415 V Y 50 Hz - 460 V Y 60 Hz

380 V Δ / 400 V Δ / 415 V Δ / 690 V Y 50 Hz - 460 V Δ 60 Hz

4 poles 1500 min ⁻¹	IE	Mounting	Rated power at 50 Hz	400 V	Cb 30-	Cb 31- Ot 31- Mub 31-	Cb 32- Ot 32-, 33- Mub 32-	Cb 33- Ot 34- Mub 33-	Cb 34- Ot 35- Mub 34-	Cb 35- - Mub 35-	Cb36*- Cb37*- Cb38*-	Mub36*- Mub37*- Mub38*-	Ot36*- Ot37*- Ot38*-	Ot 39-

LSES 132 M														
LSES 160			Std											
LSES 180			Std											
LSES 200			Std											
LSES 225 ²			Std											
LSES 250 ²			Std											
LSES 280 ²			Std											
LSES 315 ²			Std											

1. except Cb30: polyamide terminal box

2. 45 to 110 kW: motor B35 obligatory

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COMPABLOC - MECHANICAL OPTIONS CORRESPONDING TO THE MOUNTING FORM

Type	Cb 1-stage MI forms					Mounting Cb 1-stage		Equipment	
	Feet S	BS	BD1	BD2	BD3	Tapped holes BT	Universal MU	Input shaft AP	Lubrication PAO ISO VG150
Cb 3031							2		
Cb 3131							2		
Cb 3231							2		
Cb 3331							2		
Cb 3431									
Cb 3531									

Type	Cb multistage MI forms							Mounting Cb multistage		Equipment		
	Feet	Flange mounted				Tapped holes	Backstop [†]	Universal	Input shaft	Lubrication	Heat exchanger	
	S	BS	BD1	BD2	BD3	BR	BT	AD/AP-MI-MU	MU	AP	PAO ISO VG150	
Cb 3032-3033									2			
Cb 3133									2			
Cb 3233									2			
Cb 3333									2			
Cb 3433												
Cb 3533												
Cb 3633												
Cb 3733												
Cb 3833												

1. Cb 36 to 38: AD (backstop) not allowed for V5, V1 operating positions.

MANUBLOC - MECHANICAL OPTIONS CORRESPONDING TO THE MOUNTING FORM AND H HOLLOW SHAFT, S SOLID SHAFT

Type	Mub MI forms							Mub mounting		Equipment		
	Shaft	Tapped holes		Flange mounted		Shrink disc	Joint	Backstop ¹	Universal	Input shaft	Lubrication	Heat exchanger
	R	NUL/R/LR	BT	BS	BD	SDB	FM	AD/AP-MI-MU	MU	AP	PAO ISO VG150	
Mub 3132 H shaft									2			
Mub 32-- H shaft									2			
Mub 33-- H shaft									2			
Mub 34-- H shaft												
Mub 35-- H shaft												
Mub 36-- H shaft												
Mub 37-- H shaft												
Mub 38-- H shaft												
Mub 36-- S shaft												
Mub 37-- S shaft												
Mub 38-- S shaft												

1. Mub 36 to 38: AD (backstop) not allowed for V5, V1 operating positions.

ORTHOLOC - MECHANICAL OPTIONS CORRESPONDING TO THE MOUNTING FORM and L (left) R (right) SOLID SHAFT

Type	Ot MI forms								Ot Mounting		Equipment	
	Feet			NS	Flange mounted			Backstop ¹	Universal	Input shaft	Lubrication PAO ISO VG150	Heat exchanger
	S L, R LR	SBTLR L, R	SBTLR LR		BSL/BSR BDL/BDR	BRR	AD/AP-MI-MU	MU	AP			
Ot 3132									2			
Ot 3232-3233									2			
Ot 3333									2			
Ot 3433									2			
Ot 3533												
Ot 3633												
Ot 3733												
Ot 3833												
Ot 3933												

1. Ot 36 to 39: AD (backstop) not allowed for B7, B54 operating positions.

ORTHOLOC - MECHANICAL OPTIONS CORRESPONDING TO THE MOUNTING FORM AND H HOLLOW SHAFT

Type	Ot MI forms						Ot mounting		Equipment		
	Feet	Flange mounted		Shrink disc	Torque arm	Backstop ¹	Universal	Input shaft	Lubrication	Heat exchanger	
	S	SBT	BSL/BSR	BDL/BDR	SDR/SDL	RK	AD/AP-MI-MU	MU	AP	PAO ISO VG150	
Ot 3132								2			
Ot 3232-3233								2			
Ot 3333								2			
Ot 3433								2			
Ot 3533											
Ot 3633											
Ot 3733											
Ot 3833											
Ot 3933											

1. Ot 36 to 39: AD (backstop) not allowed for B7, B54 operating positions.

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Universal mounting **MUT**Universal mounting **MUF**Input shaft mounting **AP**

Geared motors IMfinity®

Worm and wheel MULTIBLOC

ATEX environment: Non-conductive dust, Category 3 - Zone 22

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Mb + 4p motors

230 V Δ / 380 V Y / 400 V Y / 415 V Y 50 Hz - 460 V Y 60 Hz • 380 V Δ / 400 V Δ / 415 V Δ / 690 V Y 50 Hz - 460 V Δ 60 Hz

<div>4 poles</div> <div>1500 min⁻¹</div>		230 V Δ / 380 V Y / 400 V Y / 415 V Y 50 Hz - 460 V Y 60 Hz • 380 V Δ / 400 V Δ / 415 V Δ / 690 V Y 50 Hz - 460 V Δ 60 Hz													
				Mb 3101											
IE		Mounting	Rated power at 50 Hz	min ⁻¹	17.8	23.8	28.5	35.6	47.5	57.0	71.3	95.0	143	187	
			P_N kW	i	80	60	50	40	30	25	20	15	10	7.5	
Type			400 V												
LSES 71 M	IE2	MUT	0.25	Y	5	5	5	5	5	5	5	5	5	5	

Type	IE	Mounting	power at 50 Hz P_N kW	min ⁻¹ i	23.9	36.0	47.9	70.2	Mounting	70.2	139
					60	40	30	20.5		20.5	10.3
LSES 90 SL	IE3	MUF	1.1	Y	2	2	2				
LSES 90 LU	IE3	MUF	1.5	Y	2	2	2				
LSES 100 L	IE3	MUF	1.8	Y	2	2	2				
LSES 100 LR	IE3	MUF	2.2	Y	2	2	2	2			
LSES 100 LG	IE3	MUF	3	Y	2	2	2	2			
LSES 112 MU	IE3	MUF	4	Y	2	2	2	2			
LSES 132 SM	IE3	MUF ¹	5.5	Y		2	2	2	MUT ²	1	1
LSES 132 M	IE3	MUF ¹	7.5	Δ			2	2	MUT ²	1	1

1. LSES 132 FF165 shaft 28x60 obligatory

2. LSES 132 FT215 shaft 38x80 obligatory

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Universal mounting **MUT**Universal mounting **MUF**Input shaft mounting **AP****Geared motors IMfinity®****Worm and wheel MULTIBLOC****ATEX environment: Non-conductive dust, Category 3 - Zone 22****AVAILABILITY TIMES EX WORKS (FRANCE), IN WORKING DAYS**

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MULTIBLOC - MECHANICAL OPTIONS CORRESPONDING TO THE MOUNTING FORM AND H HOLLOW SHAFT

Type	Mb forms							Torque arm ¹	Input shaft
	Feet		Flange mounted			Tapped holes			
	NU	NS D/F/U	BSL / BSR	BDL / BDR	BNL / BNR	BTLR			
Mb 3101									
Mb 2201									
Mb 2301									
Mb 2401									
Mb 2501									
Mb 2601									

1. Delivered separately

MULTIBLOC - MECHANICAL OPTIONS CORRESPONDING TO THE MOUNTING FORM AND HL (left) HR (right) SOLID SHAFT

Type	Mb forms					
	Feet		Flange mounted			Input shaft
	NU	NS D/F/U	BSL / BSR	BDL / BDR	BNL / BNR	
Mb 3101						
Mb 2201						
Mb 2301						
Mb 2401						
Mb 2501						
Mb 2601						

OPTIONS motors

Type	Electrical options							Mechanical options					
	Cable gland		Thermal protections		Flying leads	SIR Reinforced insulation system	Forced ventilation	Metal terminal box	Steel cover	Drip cover	Drain holes		Stainless steel nameplate
	Polyamide Std	Brass Std	CTP	PTO							IMB3, IMB5, IMB14	other positions	
LSES 71								Std	Std				
LSES 80													
LSES 90													
LSES 100													
LSES 112 - 132 SU													
LSES 132 M								Std	Std				

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