

FMD - FFB - IFT/NIE geared brake motors (Not in any efficiency class)

Integral mounting **MI**

Helical gears COMPABLOC, MANUBLOC, ORTHOBLOC

Universal mounting **MU**

Standard environment

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. If the order is received after 12:00 pm, 1 working day will be added to the stated lead time. The maximum quantity is per line of order. Above this maximum quantity, please consult your Sales Office.

D	D + 1	D + 2	D + 5	D + 10	D + 15	Please consult
---	-------	-------	-------	--------	--------	----------------

FMD or FFB - IMfinity® NIE brake associated motors 4p IP55 Class F (motors in italics excepted NC: Not Covered by IE Standards)

Cb, Mub, Ot + 4p LS FMD - FFB brake motor - IFT/NIE - 230 V Δ / 380 V Y / 400 V Y / 415 V Y - 460 V Y or 400 V
Brakes: 180V Brake power supply - Factory set braking torque

4 poles
1500 min⁻¹

Motor	Brake	Brake moment	Rated power	Cb 30-		Cb 31-		Cb 32-		Cb 33-		Cb 34-		Cb 35-		Cb36*-		Mub36*-		Ot36*-		Ot37*-		Ot38*-		Ot 39-	
		Mf 1	P _n	Mub 30-	Mub 31-	Mub 32-	Mub 33-	Mub 34-	Mub 35-	Cb37*-	Cb38*-	Mub37*-	Mub38*-	Ot37*-	Ot38*-												

type	type	Std	Std																								
56	FMD	Std	Std																								
63	FMD	Std	Std																								
71	FMD	Std	Std																								
71	FFB	Std	Std																								
80	FFB	Std	Std																								
90	FFB	Std	Std																								
100	FFB	Std	Std																								
112 - 132 S	FFB	Std	Std																								
132 M	FFB	Std	Std																								
160	FFB	Std	Std																								
180 MT	FFB	Std	Std																								

Your sales office will offer every assistance and consider any enquiry concerning delivery of larger quantities and different delivery dates

FMD - FFB - IFT/NIE geared brake motors (Not in any efficiency class)
Helical gears COMPABLOC, MANUBLOC, ORTHOBLOC
Standard environment

Integral mounting	MI
Universal mounting	MU

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. If the order is received after 12:00 pm, 1 working day will be added to the stated lead time. The maximum quantity is per line of order. Above this maximum quantity, please consult your Sales Office.

D	D + 1	D + 2	D + 5	D + 10	D + 15	Please consult
----------	--------------	--------------	--------------	---------------	---------------	-----------------------

Cb, Mub, Ot gearboxes options

COMPABLOC - MECHANICAL OPTIONS CORRESPONDING TO THE MOUNTING FORM

Type	Cb 1-stage MI forms						Cb 1-stage Universal		Equipment	
	Feet		Flange mounted			Tapped holes		MU	PAO ISO VG150	
	S	BS	BD1	BD2	BD3	BT				
Cb 3031										
Cb 3131										
Cb 3231										
Cb 3331										
Cb 3431										
Cb 3531										

Type	Cb multistage MI forms						Cb multistage Universal		Equipment	
	Feet		Flange mounted			Tapped holes		MU	PAO ISO VG150	Heat exchanger
	S	BS	BD1	BD2	BD3	BR	BT			
Cb 3032-3033								1		
Cb 3133										
Cb 3233										
Cb 3333										
Cb 3433										
Cb 3533										
Cb 3633										
Cb 3733										
Cb 3833										

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

Type	Mub MI forms						Mub mount.		Equipment		
	Shaft		Tapped holes		Flange mounted		Shrink disc		MU	PAO ISO VG150	Heat exchanger
	R	NUL/R/LR	BT	BS	BD	SDB	FM				
Mub 3132 H shaft											
Mub 32-- H shaft											
Mub 33-- H shaft											
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											

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

Type	Ot MI forms						Ot mounting		Equipment		
	Feet		Flange mounted		Shrink disc		Torque arm		MU	PAO ISO VG150	Heat exchanger
	S L	S LR	SBTLR L, R	SBTLR LR	NS	BSL/BSR	BDL/BDR	BRR			
Ot 3132											
Ot 3232-3233											
Ot 3333											
Ot 3433											
Ot 3533											
Ot 3633											
Ot 3733											
Ot 3833											
Ot 3933											

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		MU	PAO ISO VG150	Heat exchanger
	S	SBT	BSL/BSR	BDL/BDR	SDR/SDL	RK					
Ot 3132											
Ot 3232-3233											
Ot 3333											
Ot 3433											
Ot 3533											
Ot 3633											
Ot 3733											
Ot 3833											
Ot 3933											

Your sales office will offer every assistance and consider any enquiry concerning delivery of larger quantities and different delivery dates

FMD - FFB - IFT/NIE geared brake motors (Not in any efficiency class) Worm and wheel MULTIBLOC Standard environment

Universal mounting	MUT
Universal mounting	MUF

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. If the order is received after 12:00 pm, 1 working day will be added to the stated lead time. The maximum quantity is per line of order. Above this maximum quantity, please consult your Sales Office.

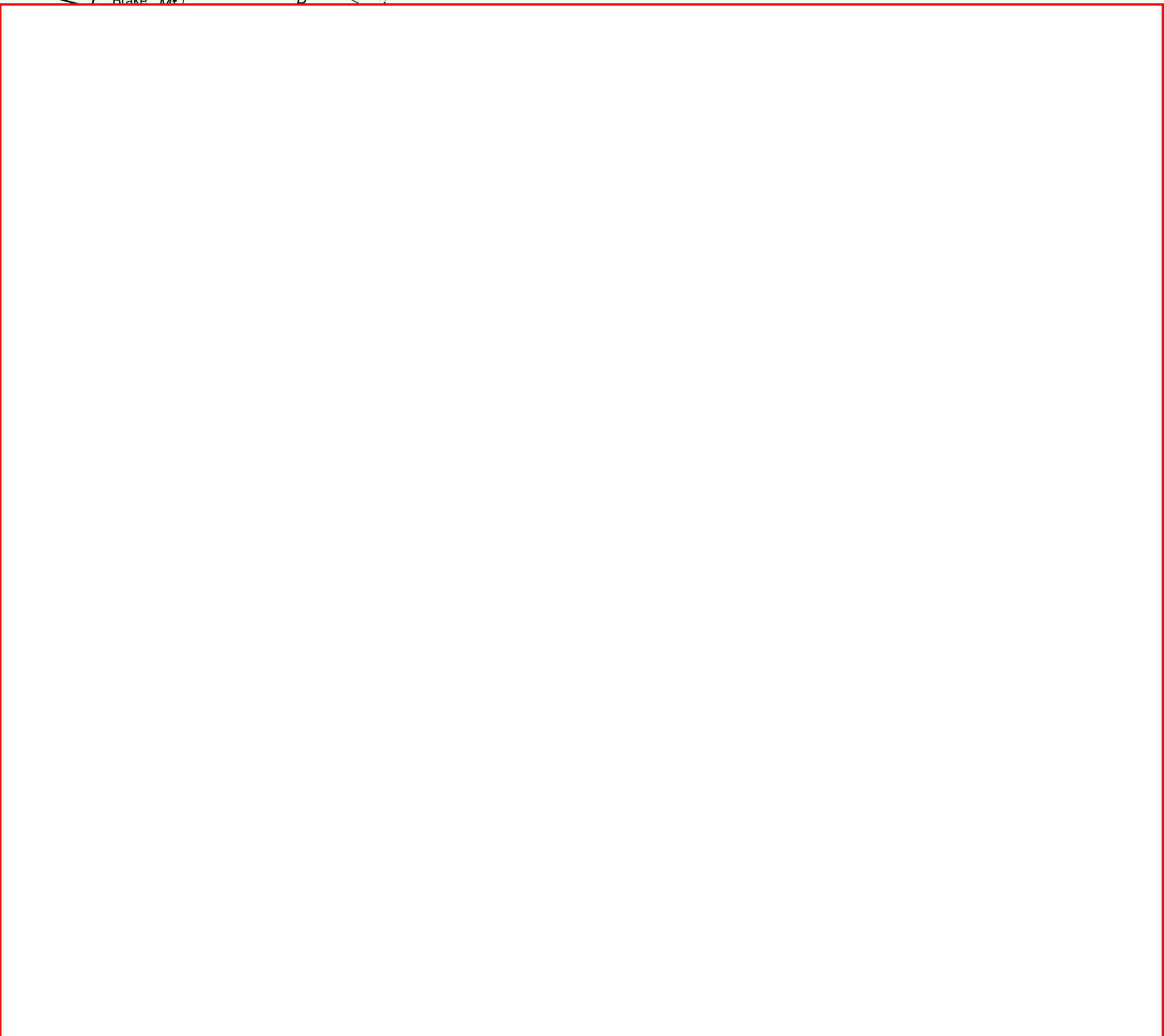
D	D + 1	D + 2	D + 5	D + 10	D + 15	Please consult
----------	--------------	--------------	--------------	---------------	---------------	----------------

FMD or FFB - IMfinity[®] NIE brake associated motors (*motors in italics excepted NC: Not Covered by IE Standards*) 4p IP55 Class F

Mb + 4p LS FMD - FFB - IFT/NIE - 230 V Δ / 380 V Y / 400 V Y / 415 V Y - 460 V Y or 400 V Brakes: 180V Brake power supply - Factory set braking torque

4 poles
1500 min⁻¹

Brake	Mf1	P	min ⁻¹	Mb 4301											
				14.3	17.8	23.8	28.5	35.6	47.5	57.0	71.3	95.0	143	187	286



LS 80 L	FFB1	12	MUT or MUF	0.75	Y	5	5	5	5	5	5	5	5			
LS 80 L	FFB1	12	MUT or MUF	0.9	Y	5	5	5	5	5	5	5	5			
LS 90 SL	FFB2	19	MUT or MUF	1.1	Y		5	5	5	5	5	5	5	5	5	5
LS 90 L	FFB2	19	MUT or MUF	1.5	Y			5	5	5	5	5	5	5	5	5
LS 90 L	FFB2	26	MUT or MUF	1.8	Y				5	5	5	5	5	5	5	5
LS 100 L	FFB2	26	MUT or MUF	2.2	Y					5	5	5	5	5	5	5
LS 100 L	FFB3	52	MUT or MUF	3	Y						5	5	5	5	5	5
LS 112 MG	FFB3	52	MUT or MUF	4	Y							5	5	5	5	5
LS 132 S	FFB3	67	MUF ²	5.5	Y								5	5	5	5

1. values given for information only; in the event of normative restriction, please consult us 2. LS 132 FF165 shaft 28x60 obligatory

Your sales office will offer every assistance and consider any enquiry concerning delivery of larger quantities and different delivery dates

FMD - FFB - IFT/NIE geared brake motors (Not in any efficiency class)
Worm and wheel MULTIBLOC
Standard environment

Universal mounting	MUT
Universal mounting	MUF

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.
 If the order is received after 12:00 pm, 1 working day will be added to the stated lead time.
 The maximum quantity is per line of order. Above this maximum quantity, please consult your Sales Office.

D	D + 1	D + 2	D + 5	D + 10	D + 15	Please consult
----------	--------------	--------------	--------------	---------------	---------------	-----------------------

FMD or FFB - IMfinity® NIE brake associated motors (*motors in italics excepted NC: Not Covered by IE Standards*) 4p IP55 Class F

Mb + 4p LS FMD - FFB - IFT/NIE - 230 V Δ / 380 V Y / 400 V Y / 415 V Y - 460 V Y or 400 V
Brakes: 180V Brake power supply - Factory set braking torque

4 poles
 1500 min⁻¹

Brake	Mf1	P	min ⁻¹	Mb 2501									
				14.4	18.0	24.0	28.8	36.0	47.9	56.4	70.2	92.8	139



Your sales office will offer every assistance and consider any enquiry concerning delivery of larger quantities and different delivery dates

FMD - FFB - IFT/NIE geared brake motors (Not in any efficiency class)

Worm and wheel MULTIBLOC

Standard environment

Universal mounting **MUFT**
 Universal mounting **MUFF**

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. If the order is received after 12:00 pm, 1 working day will be added to the stated lead time. The maximum quantity is per line of order. Above this maximum quantity, please consult your Sales Office.

D	D + 1	D + 2	D + 5	D + 10	D + 15	Please consult
---	-------	-------	-------	--------	--------	----------------

Gearboxes options for FMD or FFB- IMfinity® NIE associated brake motors (*motors in italics excepted NC: Not Covered by IE Standards*) 4p IP55 Class F 0.25 to 9 kW

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

Type	Mb forms						
	Baseplate		Flange mounted			Tapped holes	Torque arm
	NU our S	NS D/F/U	BSL / BSR	BDL / BDR	BNL / BNR	BTLR	RK
<i>Mb 4301</i>							
<i>Mb 3101</i>							
<i>Mb 2201</i>							
<i>Mb 2301</i>							
<i>Mb 2401</i>							
<i>Mb 2501</i>							
<i>Mb 2601</i>							

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

Type	Mb forms				
	Baseplate		Flange mounted		
	NU our S	NS D/F/U	BSL / BSR	BDL / BDR	BNL / BNR
<i>Mb 4301</i>					
<i>Mb 3101</i>					
<i>Mb 2201</i>					
<i>Mb 2301</i>					
<i>Mb 2401</i>					
<i>Mb 2501</i>					
<i>Mb 2601</i>					

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

Type	Mb forms				
	Baseplate		Flange mounted		
	NU our S	NS D/F/U	BSL / BSR	BDL / BDR	BNL / BNR
<i>Mb 4301</i>	1		1	1	
<i>Mb 3101</i>					
<i>Mb 2201</i>					
<i>Mb 2301</i>					
<i>Mb 2401</i>					
<i>Mb 2501</i>					
<i>Mb 2601</i>					

ELECTRICAL OPTIONS for LS FMD - FFB - IFT/NIE brake motor (Not in any efficiency class)

Motor type	Brake type	Cable gland		Thermal protection		Flying leads	SIR Reinforced insulation system	Separate supply Coil 180V	Coil 20V	Forced ventilation	TRR Reduced response time
		Std Polyamide	Std Brass	PTO	PTC						
56	FMD	Std									
63	FMD	Std									
71	FMD	Std									
71	FFB										
80	FFB										
90	FFB										
100	FFB										
112 - 132 S	FFB										
132 M	FFB										
160	FFB				Std						
180 MT	FFB				Std						

MECHANICAL OPTIONS brake motor LS FMD - FFB - IFT/NIE (Not in any efficiency class)

Motor type	Brake type	Metal terminal box	Steel cover	Drip cover	Drain holes (IMB5, IMB14)	Drain holes (other positions)	Release lever			Optional braking torque	Wear indicator	Release indicator	Stainless steel nameplate
							DLRA	DLM	DMD				
56	FMD	Std	Std										
63	FMD	Std	Std										
71	FMD	Std	Std										
71	FFB	Std	Std										
80	FFB	Std	Std										
90	FFB	Std	Std										
100	FFB	Std	Std										
112 - 132 S	FFB	Std	Std										
132 M	FFB												

Your sales office will offer every assistance and consider any enquiry concerning delivery of larger quantities and different delivery dates