

ID300-ID302 - Integrated variable speed geared motors

Helical gears COMPABLOC, MANUBLOC, ORTHOBLOC

IES2 system efficiency level

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
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4 poles
300-2400 rpm

Geared motors ID300 or ID302¹ Commander




Motor type	IE	Power supply			Rated power P_n kW	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-	Cb 36- ² Cb 37- ² Cb 38- ²	Mub 36- ² Mub 37- ² Mub 38- ²	Ot 36- ² Ot 37- ² Ot 38- ²
		ID300	ID300	ID300 or ID302									
		230V-1ph	230V-3ph	400V-3ph									
LSES 71 M	IE2	12017	12017	14012	0.25	3	3	3					
LSES 71 M	IE2	12024	12024	14015	0.37	3	3	3					
LSES 71 LR	IE2	12030	12030	14018	0.55	3	3	3					
LSES 80 LG	IE3	12030	12030	14021	0.75	3	3	3	3	3			
LSES 80 LG	IE3	22035	22035	14025	0.9	3	3	3	3	3			
LSES 90 SL	IE3	22052	22052	14030	1.1	3	3	3	3	3	1	1	
LSES 90 LU	IE3	22057*	22057*	14033	1.5	3	3	3	3	3	1	1	
LSES 100 L	IE3	-	32087*	24042	1.8	3	3	3	3	3	1	1	
LSES 100 LR	IE3	-	32120*	24050	2.2	3	3	3	3	3	1	1	
LSES 100 LG	IE3	-	32155*	24070*	3	3	3	3	3	3	1	1	
LSES 112 MU	IE3	-	-	24085*	4	3	2	2	2	2	1	1	
LSES 132 SM	IE3	-	-	34119*	5.5		2	2	2	2	1	1	
LSES 132 SM	IE3	-	-	34155*	7.5		2	2	2	2	1	1	

ID300 model: 1 blank side flange (ID-BASE FLANGE), 1 flange with holes + caps (ID-4 CABLE FLANGE)

⁽¹⁾ID300: 1 x enable input; ID302: 2 x STO inputs («Safe Torque Off»)

*: drive fan included

⁽²⁾ Exceptions

	Size	i feasible on consultation																												
		Cb 36	Cb 37	Cb 38	Ot 36	Ot 37	Ot 38	Mub 36	Mub 37	Mub 38	3.21	3.64	3.88	4.34	4.91	5.56	6.15	6.86	7.71	9.03	10.2	11.1	13.0	14.1	15.8	17.6	19.9	21.8	24.5	
Cb 	Cb 36	3.08	3.52	3.91	4.39	4.91	5.63	6.21	7.04	7.99	9.09	10.3	11.5	12.8	14.5	16.2	18.3	20.5	21.9	24.5										
	Cb 37	2.88	3.18	3.49	4.08	4.40	5.01	5.55	6.27	6.88	7.73	8.73	9.81	11.04	12.3	13.8	15.5	17.3												
	Cb 38	5.00	5.57	6.50	7.43	8.15	9.10	10.2	12.4	14.1	15.6	18.1	19.7	22.2	24.7	28.0	32.2	40.8												
Ot 	Ot 36	5.17	5.86	6.25	6.99	7.90	8.95	9.90	11.0	12.4	14.5	16.4	17.9	20.9	22.7	25.5	28.3	32.0	35.1	39.4										
	Ot 37	4.90	5.59	6.21	6.98	7.80	8.94	9.86	11.2	12.7	14.4	16.3	18.3	20.4	23.0	25.8	29.1	32.5	34.8	38.9										
	Ot 38	3.25	3.68	3.92	4.39	4.96	5.62	6.22	6.93	7.79	9.13	10.3	11.3	13.1	14.3	16.0	17.8	20.1	22.0	24.7										
Mub 	Mub 36	3.08	3.52	3.91	4.39	4.91	5.63	6.21	7.04	7.99	9.09	10.3	11.5	12.8	14.5	16.2	18.3	20.5	21.9	24.5										
	Mub 37	2.88	3.18	3.49	4.08	4.40	5.01	5.55	6.27	6.88	7.73	8.73	9.81	11.0	12.3	13.8	15.5	17.3												
	Mub 38	5.00	5.57	6.50	7.43	8.15	9.10	10.2	12.4	14.1	15.6	18.1	19.7	22.2	24.7	28.0	32.2	40.8												

MECHANICAL OPTIONS for motor without brake

Motor type	Drain holes		Covers		PTC
	IMB3, IMB5, IMB14	Other positions	Metal cover	Drip cover	
LSES 71			Std		
LSES 80					
LSES 90					
LSES 100					
LSES 112			Std		
LSES 132			Std		

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Cb, Mub, Ot gearboxes options

COMPABLOC - MECHANICAL OPTIONS CORRESPONDING TO THE MOUNTING FORM

Type	Cb 1-stage MI forms						Mounting 1-stage		Equipment	
	Feet		Flange mounted			Tapped holes		Universal	Lubrication	Heat exchanger
	S	BS	BD1	BD2	BD3	BT	MU	PAO ISO VG150		
Cb 3131								2		
Cb 3231								2		
Cb 3331								2		
Cb 3431								2		
Cb 3531								2		

Type	Cb multistages MI forms						Mounting Cb		Equipment	
	Feet		Flange mounted			Tapped holes		Universal	Lubrication	Heat exchanger
	S	BS	BD1	BD2	BD3	BR	BT	MU	PAO ISO VG150	
Cb 3133								2		
Cb 3233								2		
Cb 3333								2		
Cb 3433								2		
Cb 3533								2		
Cb 3633								2		
Cb 3733								2		
Cb 3833								2		

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

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

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

Type	Ot MI forms						Mounting Ot		Equipment	
	Feet		Flange mounted			Universal		Lubrication	Heat exchanger	
	S L	S LR	SBTLR L, R	SBTLR LR	NS	BSL/BSR	BDL/BDR	BRR		MU
Ot 3132								2	2	
Ot 3232-3233								2	2	
Ot 3333								2	2	
Ot 3433								2	2	
Ot 3533								2	2	
Ot 3633								2	2	
Ot 3733								2	2	
Ot 3833								2	2	

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

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

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