

FLSES - IMfinity®

High-efficiency three-phase motors with cast iron frame
Class IE3

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.

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D	D + 1	D + 2	D + 5	D + 10	Please consult
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2 poles
3000 min⁻¹

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

Type	Rated power at 50/60 Hz P _n kW	IM 1001 (IM B3)		IM 3001 ⁽¹⁾ (IM B5)		IM 2001 ⁽¹⁾ (IM B35)		IM 3601 ⁽¹⁾ (IM B14)	
		Code	Max. qty	Code	Max. qty	Code	Max. qty	Code	Max. qty
FLSES 80 L	0.75	4909700	1	4909701	1	4909702	1	4909703	1
FLSES 80 LG	1.1	4909708	1	4909709	1	4909710	1	4909711	1
FLSES 90 SL	1.5	4909716	1	4909717	1	4909718	1	4909719	1
FLSES 90 LU	2.2	4909724	1	4909725	1	4909726	1	4909727	1
FLSES 100 L	3	4909732	1	4909733	1	4909734	1	4909735	1
FLSES 112 MG	4	4909740	1	4909741	1	4909742	1	4909743	1
FLSES 132 SM	5.5	4909748	1	4909749	1	4909750	1	4909751	1
FLSES 132 SM	7.5	4909756	1	4909757	1	4909758	1	4909759	1
FLSES 132 M	9	4909764	1	4909765	1	4909766	1	4909767	1
FLSES 160 M	11	4909772	1	4909773	1	4909774	1		
FLSES 160 M	15	4909779	1	4909780	1	4909781	1		
FLSES 160 LUR	18.5	4909786	1	4909787	1	4909788	1		
FLSES 180 MUR	22	4909793	1	4909794	1	4909795	1		
FLSES 200 LU	30	4909800	1	4909801	1	4909802	1		
FLSES 200 LU	37	4909807	1	4909808	1	4909809	1		
FLSES 225 MR	45	4909814	1	4909815	1	4909816	1		
FLSES 250 M	55	4909821	1	4909822 ⁽²⁾	1	4909823	1		
FLSES 280 S	75	4916916	1			4916918	1		
FLSES 280 M	90	4916922	1			4916924	1		
FLSES 315 S	110	4916928	1			4916930	1		
FLSES 315 M	132	4916934	1			4916936	1		

For higher power ratings, please consult Leroy-Somer

⁽¹⁾ IMB5/IMV1 - IMB35/IMV15 - IMB14/IMV18 motors for frame size 80 to 225⁽²⁾ IMB5/IMV1 motors only

In standard, motors equipped with PTC 150°C sensor for frame size ≥ 160

2 poles
3000 min⁻¹

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

Type	Rated power at 50/60 Hz P _n kW	IM 1001 (IM B3)		IM 3001 ⁽¹⁾ (IM B5)		IM 2001 ⁽¹⁾ (IM B35)		IM 3601 ⁽¹⁾ (IM B14)	
		Code	Max. qty	Code	Max. qty	Code	Max. qty	Code	Max. qty
FLSES 100 L	3	4909827	-	4909828	-	4909829	-	4909830	-
FLSES 112 MG	4	4909835	1	4909836	1	4909837	1	4909838	1
FLSES 132 SM	5.5	4909843	1	4909844	1	4909845	1	4909846	1
FLSES 132 SM	7.5	4909851	1	4909852	1	4909853	1	4909854	1
FLSES 132 M	9	4909859	1	4909860	1	4909861	1	4909862	1
FLSES 160 M	11	4909867	1	4909868	1	4909869	1		
FLSES 160 M	15	4909874	1	4909875	1	4909876	1		
FLSES 160 LUR	18.5	4909881	1	4909882	1	4909883	1		
FLSES 180 MUR	22	4909888	1	4909889	1	4909890	1		
FLSES 200 LU	30	4909895	1	4909896	1	4909897	1		
FLSES 200 LU	37	4909902	1	4909903	1	4909904	1		
FLSES 225 MR	45	4909909	1	4909910	1	4909911	1		
FLSES 250 M	55	4909916	1			4909918	1		
FLSES 280 S	75	4916945	2			4916947	1		
FLSES 280 M	90	4916951	2			4916953	1		
FLSES 315 S	110	4916957	1			4916959	1		
FLSES 315 M	132	4916963	1			4916965	1		
FLSES 315 LB	200	4936244	2			4936249	1		
FLSES 355 LA	250	4934502	2			4936251	1		
FLSES 355 LC	355	4936246	2			4936252	1		
FLSES 355 LKB	450	5241558*	1			5241560*	1		

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⁽¹⁾ IMB5/IMV1 - IMB35/IMV15 - IMB14/IMV18 motors for frame size 80 to 225

In standard, motors equipped with PTC 150°C sensor for frame size ≥ 160

* Motors equipped with: PTC 170°C sensors in winding / 3 x PT100 in winding (1/ph) / 1 x PT100 in DE & NDE endshields / space heaters / auxiliary terminal box / earth straps (frame housing-terminal body & terminal support plate - terminal body) / Insulated rear bearings + shaft grounding ring

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

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Class IE3

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4 poles
1500 min⁻¹

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

Type	Rated power at 50/60 Hz P _n kW	IM 1001 (IM B3)		IM 3001 ⁽¹⁾ (IM B5)		IM 2001 ⁽¹⁾ (IM B35)		IM 3601 ⁽¹⁾ (IM B14)	
		Code	Max. qty	Code	Max. qty	Code	Max. qty	Code	Max. qty
FLSES 80 LG	0.75	4909922	1	4909923	1	4909924	1	4909925	1
FLSES 90 SL	1.1	4909930	1	4909931	1	4909932	1	4909933	1
FLSES 90 LU	1.5	4909938	1	4909939	1	4909940	1	4909941	1
FLSES 100 LR	2.2	4909946	1	4909947	1	4909948	1	4909949	1
FLSES 100 LG	3	4916973	1	4916974	1	4916975	1	4916976	1
FLSES 112 MU	4	4916982	1	4916983	1	4916984	1	4916985	1
FLSES 132 SM	5.5	4909955	1	4909956	1	4909957	1	4909958	1
FLSES 132 MR	7.5	4909963	1	4909964	1	4909965	1	4909966	1
FLSES 160 M	9	4909971	1	4909972	1	4909973	1		
FLSES 160 M	11	4909978	1	4909979	1	4909980	1		
FLSES 160 LUR	15	4909985	1	4909986	1	4909987	1		
FLSES 180 M	18.5	4909992	1	4909993	1	4909994	1		
FLSES 180 LUR	22	4916993	1	4916994	1	4916995	1		
FLSES 200 LU	30	4909999	1	4910000	1	4910001	1		
FLSES 225 S	37	4910006	1	4910007	1	4910008	1		
FLSES 225 M	45	4910013	1	4910014	1	4910015	1		
FLSES 250 MR	55	4910020	1			4910022	1		
FLSES 280 S	75	4917000	1			4917002	1		
FLSES 280 M	90	4917006	1			4917008	1		
FLSES 315 S	110	4917012	1			4917014	1		
FLSES 315 M	132	4917018	1			4917020	1		

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⁽¹⁾ IMB5/IMV1 - IMB35/IMV15 - IMB14/IMV18 motors for frame size 80 to 225

4 poles
1500 min⁻¹

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

Type	Rated power at 50/60 Hz P _n kW	IM 1001 (IM B3)		IM 3001 ⁽¹⁾ (IM B5)		IM 2001 ⁽¹⁾ (IM B35)		IM 3601 ⁽¹⁾ (IM B14)	
		Code	Max. qty	Code	Max. qty	Code	Max. qty	Code	Max. qty
FLSES 100 LG	3	4917024	-	4917025	-	4917026	-	4917027	-
FLSES 112 MU	4	4917033	1	4917034	1	4917035	1	4917036	1
FLSES 132 SM	5.5	4910026	1	4910027	1	4910028	1	4910029	1
FLSES 132 MR	7.5	4910034	1	4910035	1	4910036	1	4910037	1
FLSES 160 M	9	4910042	1	4910043	1	4910044	1		
FLSES 160 M	11	4910049	1	4910050	1	4910051	1		
FLSES 160 LUR	15	4910056	1	4910057	1	4910058	1		
FLSES 180 M	18.5	4910063	1	4910064	1	4910065	1		
FLSES 180 LUR	22	4917044	1	4917045	1	4917046	1		
FLSES 200 LU	30	4910070	1	4910071	1	4910072	1		
FLSES 225 S	37	4910077	1	4910078	1	4910079	1		
FLSES 225 M	45	4910084	1	4910085	1	4910086	1		
FLSES 250 MR	55	4910091	1			4910093	1		
FLSES 280 S	75	4917051	2			4917053	1		
FLSES 280 M	90	4917057	2			4917059	1		
FLSES 315 S	110	4917063	1			4917065	1		
FLSES 315 M	132	4917069	1			4917071	1		
FLSES 315 LA	160	4917075	1			4917077	1		
FLSES 315 LB	200	4917081	2			4917083	1		
FLSES 355 LA	250	4917087	2			4917089	1		
FLSES 355 LB	315	4933585	1			4951531	1		
FLSES 355 LC	355	4936253	2			4936254	1		
FLSES 355 LD	400	5241561*	1			5241565*	1		
FLSES 355 LKB	450	5241567*	1			5241569*	1		
FLSES 450 LB	675	5241570*	1			5241573*	1		

For higher power ratings, please consult Leroy-Somer

⁽¹⁾ IMB5/IMV1 - IMB35/IMV15 - IMB14/IMV18 motors for frame size 80 to 225

In standard, motors equipped with PTC 150°C sensor for frame size ≥ 160

* Motors equipped with: PTC 170°C sensors in winding / 3 x PT100 in winding (1/ph) / 1 x PT100 in DE & NDE endshields / space heaters / auxiliary terminal box / earth straps (frame housing-terminal body & terminal support plate - terminal body) / Insulated rear bearings + shaft grounding ring

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6 poles
1000 min⁻¹

230 V Δ / 380 V Y / 400 V Y / 415 V Y

Type	Rated power at 50 Hz P _n kW	IM 1001 (IM B3)	
		Code	Max. qty
FLSES 90 SL	0.75	4910097	-
FLSES 90 LU	1.1	4910098	-
FLSES 100 LG	1.5	4910099	-
FLSES 112 MU	2.2	4910100	-
FLSES 132 SM	3	4910101	-
FLSES 132 M	4	4910102	-
FLSES 132 MU	5.5	4910103	-
FLSES 160 MU	7.5	4910104	-
FLSES 180 L	11	4910105	-
FLSES 180 LUR	15	4910106	-
FLSES 200 LU	18.5	4910107	-
FLSES 200 LU	22	4910108	-
FLSES 225 M	30	4910109	-
FLSES 250 M	37	4910110	-
FLSES 280 S	45	4917096	-
FLSES 280 M	55	4917097	-
FLSES 315 S	75	4917098	-
FLSES 315 M	90	4917099	-

For higher power ratings, please consult Leroy-Somer

6 poles
1000 min⁻¹

380 V Δ / 400 V Δ / 415 V Δ / 690 V Y

Type	Rated power at 50 Hz P _n kW	IM 1001 (IM B3)		IM 2001 (IM B35)	
		Code	Max. qty	Code	Max. qty
FLSES 90 SL	0.75	4910111	-		
FLSES 90 LU	1.1	4910112	-		
FLSES 100 LG	1.5	4910113	-		
FLSES 112 MU	2.2	4910114	-		
FLSES 132 SM	3	4910115	-		
FLSES 132 M	4	4910116	-		
FLSES 132 MU	5.5	4910117	-		
FLSES 160 MU	7.5	4910118	-		
FLSES 180 L	11	4910119	-		
FLSES 180 LUR	15	4910120	-		
FLSES 200 LU	18.5	4910121	-		
FLSES 200 LU	22	4910122	-		
FLSES 225 M	30	4910123	-		
FLSES 250 M	37	4910124	-		
FLSES 280 S	45	4917096	-		
FLSES 280 M	55	4917097	-		
FLSES 315 S	75	4917098	-		
FLSES 315 M	90	4917099	-		
FLSES 355 LC	250	5241575*	1	5241577*	1

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* Motors equipped with: PTC 170°C sensors in winding / 3 x PT100 in winding (1/ph) / 1 x PT100 in DE & NDE endshields / space heaters / auxiliary terminal box / earth straps (frame housing-terminal body & terminal support plate - terminal body) / Insulated rear bearings + shaft grounding ring

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FLSES - IMfinity®

Class IE3

Options

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Type	Mounting positions (drain holes at the lowest point)						Fan cover with drip cover
	IM V1 IM 3011	IM V3 IM 3031	IM V5 IM 1011	IM V6 IM 1031	IM V18 IM 3611	IM V19 IM 3631	
FLSES 80							
FLSES 90							
FLSES 100							
FLSES 112							
FLSES 132							
FLSES 160							
FLSES 180							
FLSES 200							
FLSES 225							
FLSES 250							
FLSES 280							
FLSES 315							
FLSES 355							

Maximum quantity per order ≤ 2 units for types 80 to 112 and 1 unit from type 132 upwards.

It must not exceed the maximum quantity of the basic product. The requested delivery time must not be shorter than that for the basic product.

Type	Cable glands	Forced ventilation	Corrobloc finish	Drive end roller bearings ⁽¹⁾	Insulated rear bearings + shaft grounding ring	Insulated Drive end bearing	Spacer on terminal box
FLSES 80							
FLSES 90							
FLSES 100							
FLSES 112							
FLSES 132							
FLSES 160							
FLSES 180							
FLSES 200							
FLSES 225							
FLSES 250							
FLSES 280							
FLSES 315							
FLSES 355							

⁽¹⁾ Impossible option for 2-pole motors

Maximum quantity per order ≤ 2 units for types 80 to 112 and 1 unit from type 132 upwards.

It must not exceed the maximum quantity of the basic product. The requested delivery time must not be shorter than that for the basic product.

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FLSES - IMfinity®

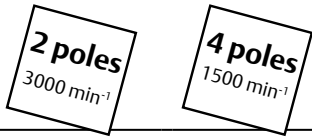
Class IE3



Options

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Type	PTO Normally closed thermal protection 	PTC* Positive temperature coefficient thermistors 	Space heaters	Aluminium fan	Stainless plate	SIR Reinforced insulation system*
FLSES 80	Grey	Grey	Grey	Grey	Grey	Blue
FLSES 90	Grey	Grey	Grey	Grey	Grey	Blue
FLSES 100	Grey	Grey	Grey	Grey	Grey	Blue
FLSES 112	Grey	Grey	Grey	Grey	Grey	Blue
FLSES 132	Grey	Grey	Grey	Grey	Grey	Blue
FLSES 160	Grey	Green	Grey	Blue	Light Blue	Blue
FLSES 180	Grey	Green	Grey	Blue	Light Blue	Blue
FLSES 200	Grey	Green	Grey	Blue	Light Blue	Blue
FLSES 225	Grey	Green	Grey	Blue	Light Blue	Blue
FLSES 250	Grey	Green	Grey	Blue	Light Blue	Blue
FLSES 280	Light Blue	Green	Grey	Blue	Green	Grey
FLSES 315	Light Blue	Green	Grey	Blue	Green	Grey
FLSES 355	Light Blue	Green	Grey	Blue	Green	Grey

Maximum quantity per order ≤ 2 units for types 80 to 112 and 1 unit from type 132 upwards.
It must not exceed the maximum quantity of the basic product. The requested delivery time must not be shorter than that for the basic product.
* PTC 150°C

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