



Sanitary Barrier

Gama LMED (16-22 kg).....	059
Gama LBS (27, 35, 50, 70 kg).....	061
Gama Pullman (100 kg)	063

Special models or any other variant on the standard model are to be assembled in factory, and carry a supplement over the price indicated for the standard model.

Please consult Fagor Industrial for any other variant or option not reflected on this list.

Sanitary barrier

G Force > 300



LBS-70 TP2

- MAINT.
CARE
- OPTIMAL
CONSUMP.
- WET
CLEANING
- TOUCH
PLUS
CONTROL
- EFFICIENT
MIX
- MULTI-
CHOICE
INLET
- BALANCE
CONTROL
- AUTO
WEIGHT

01.

The strict sanitary rules (RABC) require powerful machines with special washing processes for hospitals, pharmaceutical, nuclear and cosmetics industries, prisons, etc. The barrier washer, installed between two separate areas, avoids all contact between dirty (infectious) linen and the clean linen, and any type of cross-contamination during the process. At the same time, their ergonomic design allows efficient work, which increases production by a high percentage.

02.

The FAGOR sanitary barrier washers range is very wide and stands out for its advanced technology and characteristics, high spinning speed and easy installation. With capacities from 16 to 100 kg, they are perfect to adapt to the needs of this specific and demanding market.

03.

All the machines include the new TP2 microprocessor, with 4.3" touch screen in the LMED range, and two 7" screens in the LBS ranges, a touch screen for programming on the dirty linen loading side, and an information screen on the unloading side in the clean zone.

Barrier Concept



Installed between two separate areas, avoids all contact between dirty (infectious) linen and the clean linen, and any type of cross-contamination during the process.

At the same time, their ergonomic design allows efficient work, which increases production by a high percentage.

Composition of the ranges

TYPE OF CONTROL	HEATING	LOW CAPACITY LMED SERIES		MEDIUM CAPACITY LBS SERIES				HIGH CAPACITY PUL-LMAN SERIES
		16 -18 KG	22 - 25 KG	27 - 30 KG	35 - 39 KG	49 - 54 KG	70 - 78 KG	90 - 100 KG
Touch Plus (TP2) programmable control	Electric - Steam Double heating E+V	LMED-16 TP2	LMED-22 TP2	LBS-27 TP2	LBS-35 TP2	LBS-50 TP2	LBS-70 TP2	LBS-100 TP2

General characteristics

01.

Touch Plus Control

- Easy to use and fully programmable
- Traceability as standard.
- 8 dosage signals as standard.
- Screens in both parts of the machine (second screen optional in the LMED models).
- Touch screen operated from the dirty linen side and only visible on the clean linen side, to show the state of the washing programs.
- USB connection. Free PC software for programming, traceability, data analysis...
- Designed for remote communication.
- Personalisation of programs in accordance with each need.
- Wet cleaning.

Optional:

- Printer:
- 6 extra dosage signals.
- Second information screen for LMED.

02.

Maintenance

- Electrical part to the left, mechanical to the right, connections at the top.
- Easy access to all the components.
- Easier to connect, all connections protected from water and detergents.
- Central drain
- Technical menu.
- Statistics, alarms, auto-test, data recovery for technicians and maintenance.

Optional:

- Side drain.
- Low steam pressure: to allow the installation of steam-heated washers with low steam pressure in situ.

03.

Outstanding Features

- Double screen in LBS and Pullman models; optional second information screen in LMED models.
- Automatic drum positioning with motor brake to facilitate the loading and unloading operation (LBS models; optional in LMED models).
- 3 water inlets in LBS models and 2 in LMED models.
- Wet cleaning: equipped with all the functions for use of the delicate linen wet cleaning programs (useful in residences).
- Outer body in skin plate, easy to clean.

Optional:

- Detergent tray kit.
- Dual electric-steam heating: saves energy.
- Second drain valve to reclaim the water.
- Tap for extracting water for samples.
- UPS kit to release the drum brake in the case of electric power cut.
- Outer body in AISI 304 stainless steel.

04.

Ergonomics

- The large door opening aids loading and unloading of linen; the largest door opening on the market.
- Drum easy to open with push button.
- Loading height: 800 mm.

Optional:

- Plinths for 850 mm loading height.

05.

Efficiency

- Intelligent weighing system.
- Possibility of configuring three levels of savings.
- Optimum load.
- Designed for water recovery tanks. Low water consumption.
- High G FORCE
- Reduced residual moisture.
- Reduced drying time.

Optional:

- Automatic weighing system in the feet.

LMED Range | **G Force = 350** | 16 - 22 Kg

General Characteristics



LMED-22 TP2

- G FORCE 350
- New TP2 processor with 4.3" touch screen on the dirty side (optional on the clean side).
- Heating versions: electric and steam.
- Double heating version, selectable electric and steam.
- 29 programs pre-set from factory.
- Traceability as standard.
- 2 water inlets.
- 8 signals for automatic liquid dosing, programmable in time and delay.
- Optimum load. Intelligent weighing system.
- Possibility of configuring three levels of savings. 6 extra signals available optionally.
- Designed for water recovery tanks. Low water consumption.
- 1-compartment horizontal spin drum.
- Loading and unloading doors. Door locks with safety opening.
- Electrical part to the left, mechanical to the right, connections at the top.
- Central drain
- Technical menu. Statistics, alarms, auto-test, data recovery for technicians and maintenance.
- Motor with variable-frequency drive incorporated.
- Prepared for Wet cleaning

MODEL	CODE (*)		CAPACITY KG		DRUM		DOOR		SPIN		HEATING		VOLT (**)	ELEC POWER MAX - KW	DIMENSIONS MM	€ (*)
	STANDARD	CONFIGURABLE	(1:9)	(1:10)	Ø X DEPTH	LITRES	MM	R.P.M.	G	TYPE	POWER					
LMED-16 TP2 E	19066871	18002262	18	16	633x500	158	400x315	1,000	350	E	12 kW	X	14.20	984x914x1,398	-	
LMED-16 TP2 S	19066872	18002263	18	16	633x500	158	400x315	1,000	350	S		X	2.20	984x914x1,398	-	
LMED-16 TP2 ES	19066873	18002264	18	16	633x500	158	400x315	1,000	350	E/S	12 kW	X	14.20	984x914x1,398	-	
LMED-22 TP2 E	19066874	18002265	25	22	633x700	220	400x315	1,000	350	E	18 kW	X	20.20	1,184x914x1,398	-	
LMED-22 TP2 S	19066875	18002266	25	22	633x700	220	400x315	1,000	350	S		X	2.20	1,184x914x1,398	-	
LMED-22 TP2 ES	19066876	18002267	25	22	633x700	220	400x315	1,000	350	E/S	18 kW	X	20.20	1,184x914x1,398	-	

(*) : STANDARD Code: Use this code for orders of machines which do not include any option or version different to standard. The retail price is the one shown in the table.
 Code WITH OPTIONS: Use this code for orders of machines which include any option or options from the table OPTIONS FOR WASHERS. The retail price is calculated by adding the price increases for each option to the retail price of the standard code.

Heating systems in models 16 - 22

- E: Electric Heating System
Heated by means of stainless steel armoured heating elements.
- S: Function with steam produced by external generators, admitting pressures of 4 kg/cm².
- E/S: Possibility of choosing electric or steam heating system

(**) Standard voltages in 16 - 22

X: 400 V 3N - 50/60 Hz model Upon request: - 230 V 3 ~

Options for LMED sanitary barrier washers

Versions and options available to include in configurable codes "18".

Factory assembly for machines ordered with their configurable code.

OPTION	VALOR	ABBREVIATION	DESCRIPTION	LMED	€
ACCESSORIES	ZC_006_0023-0002	WS	WEIGHING SYSTEM	16 22	-
	ZC_006_0023-0009	SDV	SIDE DRAIN VALVE	16 22	-
	ZC_006_0023-0015	3WI	3rd WATER INLET	16 22	-
	ZC_006_0023-0010	DBX	DETERGENT BOX	16 22	-
	ZC_006_0023-0001	UPS	UPS - ELECTRIC BATTERY MOTOR BRAKE (SAFETY)	16 22	-
	ZC_006_0023-0014	BR	MOTOR BRAKE	16 22	-
	ZC_006_0023-0003	XD	6 EXTRA DOSAGE SIGNALS	16 22	-
	ZC_006_0023-0013	2SC	SECOND SCREEN	16 22	-
	ZC_006_0023-0007	DD	2nd DRAIN VALVE	16 22	-
	ZC_006_0023-0008	TV	TITRATION VALVE	16 22	-
	ZC_006_0023-0011	SSC	STAINLESS STEEL CASE	16	-
	ZC_006_0023-0021	SSC	STAINLESS STEEL CASE	22	-
	ZC_006_0023-0012	WM	WOODEN MARITIME PACKAGING	16	-
	ZC_006_0023-0026	WM	WOODEN MARITIME PACKAGING	22	-
	ZC_006_0023-0004	PR	PRINTER KIT	16 22	-
	ZC_006_0023-0006	LPS	LOW PRESSURE STEAM	16 22	-
VOLTAGE OPTIONS	ZC_006_0022-0009	230-400/50-60/3-3N	230-400/50-60/3-3N	16	-
	ZC_006_0022-0010	230-400/50-60/3-3N	230-400/50-60/3-3N	22	-
	ZC_006_0022-0011	230/50-60/1N	230/50-60/1N	16 22	-
	ZC_006_0022-0012	440/60/3 (marine)	440/60/3 (marine)	16 22	-

Kits for LMED sanitary barrier washers

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION	MODELS	€	
19068603	KIT WEIGHING SYSTEM MED	16 22	-	
19068605	KIT 6 EXTRAS DOSING SIGNALS	16 22	-	
19068612	KIT SIDE DRAIN VALVE	16 22	-	
19068610	KIT UPS 16-22	UPS - ELECTRIC BATTERY FOR MOTOR BRAKE (SECURITY)	16 22	-
19068607	KIT DETERGENT BOX 16	16	-	
19068608	KIT DETERGENT BOX 22	22	-	
19068044	KIT PRINTER	16 22	-	
19068584	BASE FOR DOOR BASE (850 mm) 16	16	-	
19068587	BASE FOR DOOR BASE (850 mm) 22	22	-	
19068594	STAINLESS STEEL FRAME FOR WALL MOUNTING 16	16	-	
19068596	STAINLESS STEEL FRAME FOR WALL MOUNTING 22	22	-	

LBS Range | G Force = 375 | 27 - 35 - 50 - 70 Kg



LBS-50 TP2

General characteristics

- G Force 375.
- New TP2 processor with two 7" screens, a touch screen for programming on the dirty linen loading side, and an information screen on the unloading side in the clean zone.
- External steel casing with grey coating (skinplate), stainless steel, easy to clean finish.
- Heating versions: electric and steam.
- Double heating version, selectable electric and steam.
- 29 programs pre-set from factory.
- Traceability as standard.
- 3 water inlets.
- 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally.
- Optimum load. Intelligent weighing system.
- Possibility of configuring three levels of savings.
- Designed for water recovery tanks. Low water consumption.
- 1-compartment horizontal spin drum (LBS-70 models with two compartments).
- Loading and unloading doors. Door locks with safety opening.
- Automatic drum positioning with motor brake to facilitate the loading and unloading operation. Loading height: 800 mm.
- Electrical part to the left, mechanical to the right, connections at the top.
- Central drain
- Technical menu. Statistics, alarms, auto-test, data recovery for technicians and maintenance.
- Motor with variable-frequency drive incorporated.
- Prepared for Wet cleaning.

MODEL	CODE (*)		CAPACITY KG		DRUM		DOOR Ø	SPIN R.P.M.	G	HEATING		VOLT (**)	ELEC POWER MÁX - KW	DIMENSIONS MM	€ (*)
	STANDARD	CONFIGURABLE	(1.9)	(1:10)	Ø X DEPTH	LITRES				TYPE	POWER				
LBS-27 TP2 E	19066877	18002268	30	27	800x530	266	480x515	920	375	E	18 kW	X	22.00	1,200x1,098x1,580	-
LBS-27 TP2 S	19066878	18002269	30	27	800x530	266	480x515	920	375	S		X	4.00	1,200x1,098x1,580	-
LBS-27 TP2 ES	19066879	18002270	30	27	800x530	266	480x515	920	375	E/S	18 kW	X	22.00	1,200x1,098x1,580	-
LBS-35 TP2 E	19066880	18002271	39	35	800x690	347	640x515	920	375	E	27 kW	X	31.00	1,359x1,098x1,580	-
LBS-35 TP2 S	19066881	18002272	39	35	800x690	347	640x515	920	375	S		X	4.00	1,359x1,098x1,580	-
LBS-35 TP2 ES	19066882	18002273	39	35	800x690	347	640x515	920	375	E/S	27 kW	X	31.00	1,359x1,098x1,580	-
LBS-50 TP2 E	19066883	18002274	54	49	800x974	489	640x515	920	375	E	36 kW	X	41.50	1,654x1,098x1,580	-
LBS-50 TP2 S	19066884	18002275	54	49	800x974	489	640x515	920	375	S		X	5.50	1,654x1,098x1,580	-
LBS-50 TP2 ES	19066885	18002276	54	49	800x974	489	640x515	920	375	E/S	36 kW	X	41.50	1,654x1,098x1,580	-
LBS-70 TP2 E	19066886	18002277	78	70	800x1380	694	640x515 ⁽²⁾	920	375	E	45 kW	X	52.50	2,060x1,098x1,580	-
LBS-70 TP2 S	19066887	18002278	78	70	800x1380	694	640x515 ⁽²⁾	920	375	S		X	7.50	2,060x1,098x1,580	-
LBS-70 TP2 ES	19066888	18002279	78	70	800x1380	694	640x515 ⁽²⁾	920	375	E/S	45 kW	X	52.50	2,060x1,098x1,580	-

(*) : STANDARD Code: Use this code for orders of machines which do not include any option or version different to standard. The retail price is the one shown in the table.
 Code WITH OPTIONS: Use this code for orders of machines which include any option or options from the table OPTIONS FOR WASHERS. The retail price is calculated by adding the price increases for each option to the retail price of the standard code.

Heating systems in models 27 - 35 - 50 - 70

E: Electric Heating System
 Heated by means of stainless steel armoured heating elements.
 S: Function with steam produced by external generators, admitting pressures of 4 kg/cm².
 E/S: Possibility of choosing electric or steam heating system

(**) Standard voltages in 27 - 35 - 50 - 70

X: 400 V 3N - 50/60 Hz model. Upon request: - 230 V 3 ~

Options for LBS sanitary barrier washers

Versions and options available to include in configurable codes "18".

Factory assembly for machines ordered with their configurable code.

OPTION	VALUE	ABBREVIATION	DESCRIPTION	LBS				€
ACCESSORIES	ZC_006_0023-0002	WS	WEIGHING SYSTEM	27	35	50	70	-
	ZC_006_0023-0016	SDV	SIDE DRAIN VALVE	27	35	50	70	-
	ZC_006_0023-0017	DBX	DETERGENT BOX	27	35	50	70	-
	ZC_006_0023-0018	UPS	UPS - ELECTRIC BATTERY MOTOR BRAKE (SAFETY)	27	35	50	70	-
	ZC_006_0023-0003	XD	6 EXTRA DOSAGE SIGNALS	27	35	50	70	-
	ZC_006_0023-0020	SDV	2nd DRAIN VALVE	27	35	50	70	-
	ZC_006_0023-0008	TV	TITRATION VALVE	27	35	50	70	-
	ZC_006_0023-0022	SSC	STAINLESS STEEL CASE	27				-
	ZC_006_0023-0023	SSC	STAINLESS STEEL CASE		65			-
	ZC_006_0023-0024	SSC	STAINLESS STEEL CASE			50		-
	ZC_006_0023-0025	SSC	STAINLESS STEEL CASE				70	-
	ZC_006_0023-0027	WM	WOODEN MARITIME PACKAGING	27				-
	ZC_006_0023-0028	WM	WOODEN MARITIME PACKAGING		65			-
	ZC_006_0023-0029	WM	WOODEN MARITIME PACKAGING			50		-
	ZC_006_0023-0030	WM	WOODEN MARITIME PACKAGING				70	-
	ZC_006_0023-0031	PRT	PRINTER KIT	27	35	50	70	-
ZC_006_0023-0032	LPS	LOW PRESSURE STEAM	27	35	50	70	-	
VOLTAGE OPTIONS	ZC_006_0022-0001	400/50-60/3N	400/50-60/3N	27				-
	ZC_006_0022-0002	400/50-60/3N	400/50-60/3N		35			-
	ZC_006_0022-0003	400/50-60/3N	400/50-60/3N			50		-
	ZC_006_0022-0004	400/50-60/3N	400/50-60/3N				70	-
	ZC_006_0022-0005	230/50-60/3	230/50-60/3	27				-
	ZC_006_0022-0006	230/50-60/3	230/50-60/3		35			-
	ZC_006_0022-0007	230/50-60/3	230/50-60/3			50		-
	ZC_006_0022-0008	230/50-60/3	230/50-60/3				70	-
ZC_006_0022-0012	440/60/3 (marine)	440/60/3 (marine)	27	35	50	70	-	

Kits for LBS sanitary barrier washer

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION	MODELS				€
19068603	KIT WEIGHING SYSTEM LBS 16-50	27	35	50		-
19068604	KIT WEIGHING SYSTEM LBS 70				70	-
19068605	KIT 6 EXTRAS DOSING SIGNALS	27	35	50	70	-
19068613	KIT SIDE DRAIN VALVE 27-70	27	35	50	70	-
19068609	KIT DETERGENT BOX 27-50	27	35	50		-
19068611	KIT UPS 27-70					UPS - ELECTRIC BATTERY FOR MOTOR BRAKE (SECURITY)
19068044	KIT PRINTER	27	35	50	70	-
19068588	BASE FOR DOOR BASE (850 mm) 27	27				-
19068590	BASE FOR DOOR BASE (850 mm) 35		35			-
19068592	BASE FOR DOOR BASE (850 mm) 50			50		-
19068593	BASE FOR DOOR BASE (850 mm) 70				70	-
19068598	STAINLESS STEEL FRAME FOR WALL MOUNTING 27	27				-
19068599	STAINLESS STEEL FRAME FOR WALL MOUNTING 35		35			-
19068600	STAINLESS STEEL FRAME FOR WALL MOUNTING 50			50		-
19068602	STAINLESS STEEL FRAME FOR WALL MOUNTING 70				70	-
19074114	KIT DRUM DOOR OPENING TOOL	27	35	50	70	-
						Inner Door easier opening tool

Pullman Range | G Force = 325 | 100 Kg

General Characteristics



LBS-100 TP2

- G Force 375.
- Pullman-type axial separation drum, 2 compartments.
- New TP2 processor with two 7" screens, a touch screen for programming on the dirty linen loading side, and an information screen on the unloading side in the clean zone.
- External steel casing with grey coating (skinplate), stainless steel, easy to clean finish.
- Heating versions: electric and steam.
- 29 programs pre-set from factory.
- 3 water inlets.
- 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally.
- Optimum load. Intelligent weighing system.
- Possibility of configuring three levels of savings.
- Loading and unloading doors. Door locks with safety opening.
- Automatic drum positioning with motor brake to facilitate the loading and unloading operation. Loading height: 960 mm.
- Electrical part to the left, mechanical to the right, connections at the top.
- Central drain
- Technical menu. Statistics, alarms, auto-test, data recovery for technicians and maintenance.
- Motor with variable-frequency drive incorporated.
- Prepared for Wet cleaning.
- Requires compressed air supply.

MODEL	CODE	CAPACITY KG		DRUM		DOOR		SPIN		HEATING		VOLT (**)	ELEC. POWER MÁX - KW	DIMENSIONS MM	€
		(1:9)	(1:10)	Ø X DEPTH	LITRES	Ø	R.P.M.	G	TYPE	POWER					
LBS-100 TP2 E	19072295	100	90	1050x1032	900	900x500	750	325	E	60 kW	X	75,00	1.677x1.344x1.960	-	
LBS-100 TP2 S	19072296	100	90	1050x1032	900	900x500	750	325	S		X	15,00	1.677x1.344x1.960	-	

Heating systems in models 100

(**) Standard voltages in 100

- E: Electric Heating System
Heated by means of stainless steel armoured heating elements.
- S: Function with steam produced by external generators, admitting pressures of 4 kg/cm².

X: MODEL 400 V 3N - 50/60 Hz model. Upon request: - 230 V 3 ~

Options for PULLMAN sanitary barrier washers

Factory assembly for machines ordered with their configurable code.

NAME OF CHARACTERISTIC	ABBREVIATION	DESCRIPTION	€
ACCESSORIES	XD	6 EXTRA DOSAGE SIGNALS	-
	TV	TITRATION VALVE	-
	DH	DOUBLE HEATING: ELECTRIC AND STEAM.	-
	PR	PRINTER	-
	DBX	SOAP DISPENSER	-
	UPS	UPS - ELECTRIC BATTERY FOR MOTOR BRAKE (SECURITY)	-
	SSC	CASE INOX LBS-100	-
VOLTAGE	230/50-60/3	230/50-60/3	-
	440/60/3 (marine)	440/60/3 (marine)	-
PACKAGING	WM	WOODEN MARITIME PACKAGING	-

Kits for PULLMAN sanitary barrier washers

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION	MODELS	€
19004409	STAINLESS STEEL WALL EMBEDDING FRAME PULLMAN	100	-

Codes for different voltages and frequencies

High spin washer extractors

MOD.	REF. / COD. ST	400 III+N 50 HZ	230 III 50 HZ	230 I+N 50 HZ	400 III+N 60 HZ	230 III 60 HZ	230 I+N 60 HZ	440 III 50/60 HZ
LA-11 TP2 E	18001864	ST	ST	ST	ST	ST	ST	OPT
LA-11 TP2 HW	18001980	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-11 TP2 S	18001981	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-14 TP2 E	18001863	ST	ST	ST	ST	ST	ST	OPT
LA-14 TP2 HW	18001978	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-14 TP2 S	18001979	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-18 TP2 E	18001856	ST	ST	ST	ST	ST	ST	OPT
LA-18 TP2 HW	18001860	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-18 TP2 S	18001861	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-25 TP2 E	18001862	ST	ST	NO	ST	ST	NO	OPT
LA-25 TP2 HW	18001976	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-25 TP2 S	18001977	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-35 TP2 E	18001868	ST	OPT	NO	ST	OPT	NO	OPT
LA-35 TP2 HW	18001974	ST	OPT	NO	ST	OPT	NO	NO
LA-35 TP2 S	18001975	ST	OPT	NO	ST	OPT	NO	NO
LA-45 TP2 E	18001851	ST	OPT	NO	ST	OPT	NO	OPT
LA-45 TP2 HW	18001936	ST	OPT	NO	ST	OPT	NO	NO
LA-45 TP2 S	18001937	ST	OPT	NO	ST	OPT	NO	NO
LA-60 TP2 E	18001852	ST	OPT	NO	ST	OPT	NO	OPT
LA-60 TP2 HW	18001938	ST	OPT	NO	ST	OPT	NO	NO
LA-60 TP2 S	18001939	ST	OPT	NO	ST	OPT	NO	NO
LA-120 TP2 HW	18001853	ST	OPT	NO	ST	OPT	NO	NO
LA-120 TP2 S	18001941	ST	OPT	NO	ST	OPT	NO	NO

Fast spin washer extractors

MOD.	REF. / COD. ST	400 III+N 50 HZ	230 III 50 HZ	230 I+N 50 HZ	400 III+N 60 HZ	230 III 60 HZ	230 I+N 60 HZ	440 III 50/60 HZ
LR-11 TP E	18001870	ST	ST	ST	ST	ST	ST	OPT
LR-11 TP HW	18001990	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-11 TP S	18001991	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-14 TP E	18001867	ST	ST	ST	ST	ST	ST	OPT
LR-14 TP HW	18001988	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-14 TP S	18001989	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-18 TP E	18001866	ST	ST	ST	ST	ST	ST	OPT
LR-18 TP HW	18001986	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-18 TP S	18001987	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-25 TP E	18001865	ST	ST	NO	ST	ST	NO	OPT
LR-25 TP HW	18001984	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-25 TP S	18001985	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO

Normal spin washers

MOD.	REF. / COD.	400 III+N	230 III	230 I+N	400 III+N	230 III	230 I+N	440 III
	ST	50 HZ	50 HZ	50 HZ	60 HZ	60 HZ	60 HZ	50/60 HZ
LN-11 TP2 E	18001875	ST	ST	ST	ST	ST	ST	OPT
LN-11 TP2 HW	18002000	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-11 TP2 S	18002001	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-14 TP2 E	18001874	ST	ST	ST	ST	ST	ST	OPT
LN-14 TP2 HW	18001998	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-14 TP2 S	18001999	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-18 TP2 E	18001873	ST	ST	ST	ST	ST	ST	OPT
LN-18 TP2 HW	18001996	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-18 TP2 S	18001997	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-25 TP2 E	18001872	ST	ST	NO	ST	ST	NO	OPT
LN-25 TP2 HW	18001994	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-25 TP2 S	18001995	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-35 TP2 E	18001871	ST	ST	NO	ST	ST	NO	OPT
LN-35 TP2 HW	18001992	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-35 TP2 S	18001993	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-60 TP2 E	18001855	ST	OPT	NO	ST	OPT	NO	OPT
LN-60 TP2 HW	18001942	ST	OPT	NO	ST	OPT	NO	NO
LN-60 TP2 S	18001943	ST	OPT	NO	ST	OPT	NO	NO

Sanitary barrier washers

MOD.	REF. / COD.	400 III+N+T	230 III+T	230 I+N+T	400 III+N+T	230 III+T	230 I+N+T	440 III
	ST	50 HZ	50 HZ	50 HZ	60 HZ	60 HZ	60 HZ	50/60 HZ
LMED-16 TP2 E	18002262	ST	OPT.	NO	ST	OPT.	NO	OPT.
LMED-16 TP2 S	18002263	ST	ST	ST	ST	OPT.	ST	OPT.
LMED-16 TP2 ES	18002264	ST	OPT.	NO	ST	OPT.	NO	OPT.
LMED-22 TP2 E	18002265	ST	OPT.	NO	ST	OPT.	NO	OPT.
LMED-22 TP2 S	18002266	ST	ST	ST	ST	OPT.	ST	OPT.
LMED-22 TP2 ES	18002267	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-27 TP2 E	18002268	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-27 TP2 S	18002269	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-27 TP2 ES	18002270	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-35 TP2 E	18002271	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-35 TP2 S	18002272	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-35 TP2 ES	18002273	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-50 TP2 E	18002274	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-50 TP2 S	18002275	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-50 TP2 ES	18002276	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-70 TP2 E	18002277	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-70 TP2 S	18002278	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-70 TP2 ES	18002279	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-100 TP2 E	19072295	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-100 TP2 S	19072296	ST	OPT.	NO	ST	OPT.	NO	OPT.