

# POWER TRANSMISSION

## PRODUCT RANGE



PASSION  PERFORM



# BELL-HOUSINGS AND COUPLINGS FOR IEC ELECTRIC MOTORS

## SOFTWARE FOR AUTOMATIC CALCULATION

The web-based software program will allow you to select the most suitable MP Filtri's Bell-housings & Couplings in accordance with your process design requirements.

The program will automatically check your input design process prior to propose you the acceptable solutions and create an output in PDF report style format.

The MP Filtri Selection Tool software program is easy to use with a flexible fast design method and provides improved layout formats with full descriptions.



Scan or click me!



**BELL-HOUSINGS  
& COUPLINGS**



# BELL-HOUSINGS AND COUPLINGS FOR INTERNAL COMBUSTION ENGINES

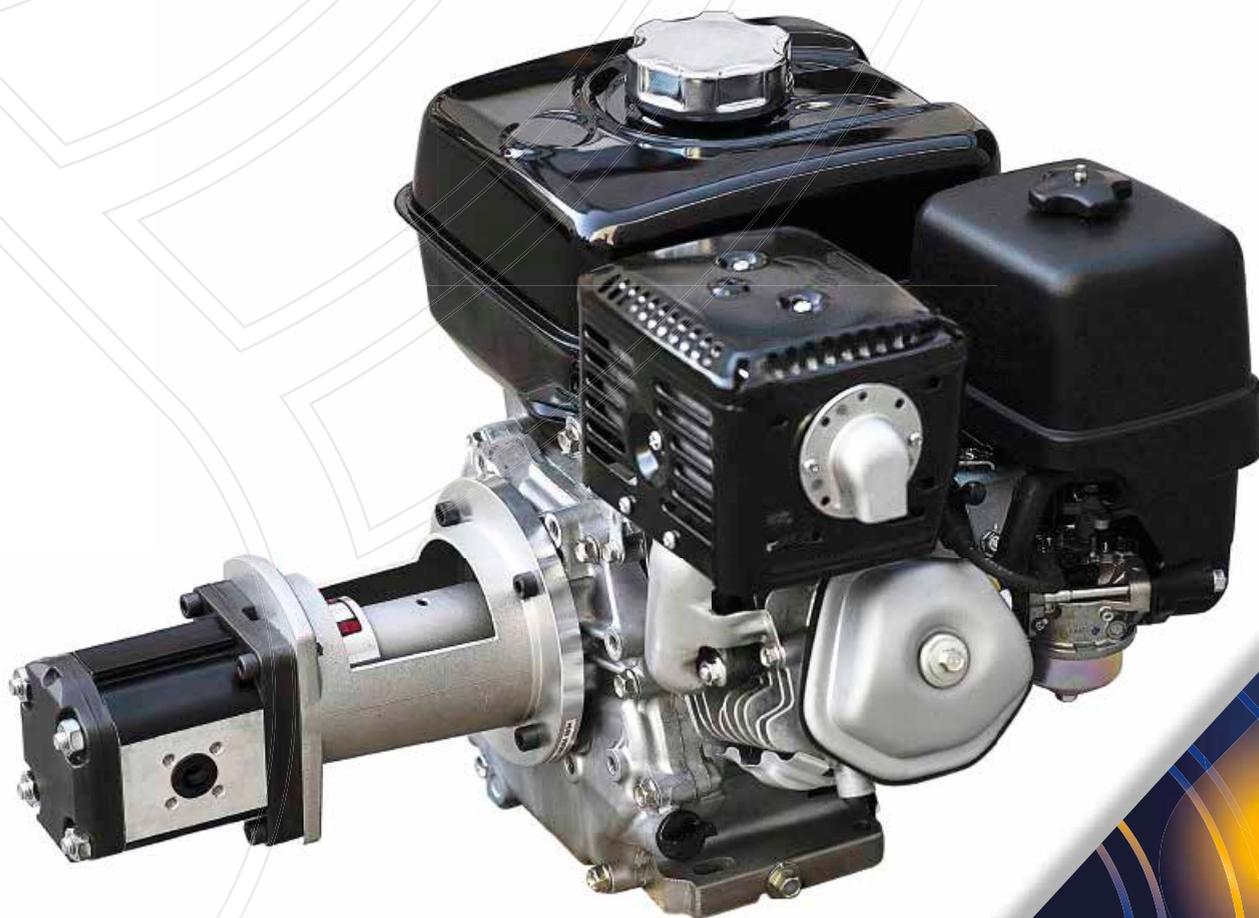
## SOFTWARE FOR AUTOMATIC CALCULATION

The web-based tool is available at MP Filtri website at following link:  
<https://www.mpfiltri.com/tools/sizing-software/bell-software/>

The related, complete user guide is available as Manual and downloadable from the “Download” section of MP Filtri website, as well as scanning the following QR code:



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# BELL-HOUSINGS AND COUPLINGS FOR IEC ELECTRIC MOTORS

## LMG

One-piece bell-housing, especially suitable for gear pumps and small piston pumps.



## LDC

Consist of two mounted parts with screws for motor and pumps.



## LMS

Featuring octagonal damping ring to reduce the noise generated by vibration between pumps and motors.



## MULTI-COMPONENTS

Modular systems for large pumps.

Comprised of a motor flange, an adaptor and a pump flange, the system is highly flexible offering multiple assembly combinations.



## SGEA-SGEG-SGES-SGEK-SGDR

Flexible couplings for IEC electric motors and hydraulic pumps:

- SGEA Series in Aluminum
- SGEG Series in Cast Iron
- SGES Series in Steel
- SGES Series in Steel (Component for e-PTO systems)
- SGEK Series in Aluminum
- SGEK Series in Cast Iron
- SGDR Series in Steel

**ROTAFIT**



## AKG

Complete couplings for hydraulic pumps and IEC electric motors:

- AKG Series in Aluminum
- AKG Series in Cast Iron
- AKG Series in Steel

ATEX 2014/34/UE & U.K. Regulation  
S.I. 2016 No. 1107 (as amended)



## EGE

Spider for torque transmission:

- EGE Series in NBR
- EGE RR Series in Polyurethane



## ACCESSORIES

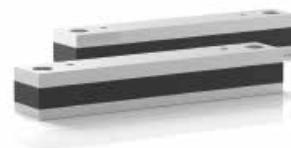
### PDMA

Mounting foots to support the motor-pump units, assembled on bell-housings.



### MPDR

Damping rods, mounting rails with NBR insert, suitable to reduce the vibrations.



## CLEANING COVERS

Cleaning covers with diameter 275, 350, 400 and 475 mm conforming to DIN 24339.



## ANMA

Damping rings for vertical installation of the motor-pump units.



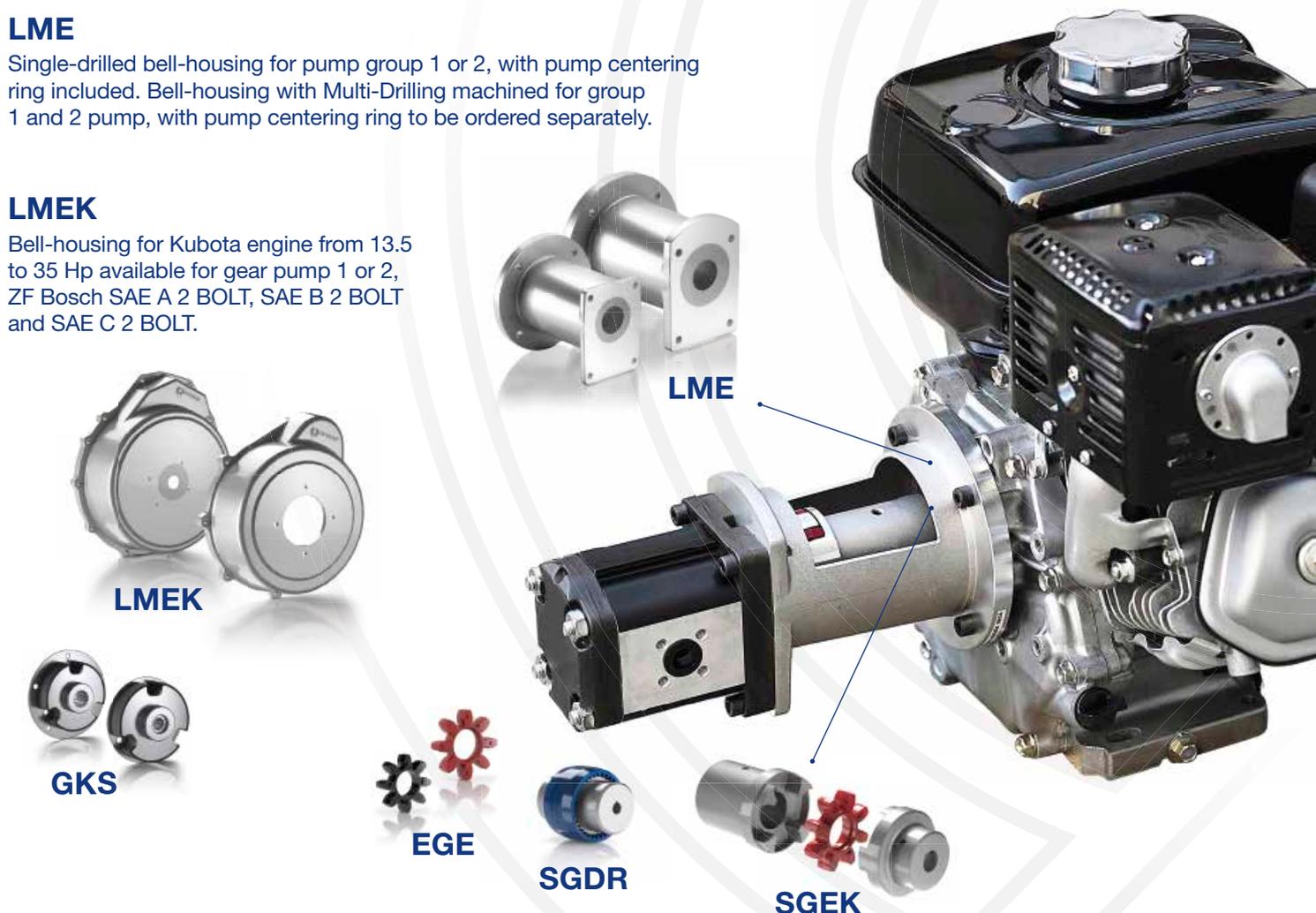
# BELL-HOUSINGS AND COUPLINGS FOR INTERNAL COMBUSTION ENGINES

## LME

Single-drilled bell-housing for pump group 1 or 2, with pump centering ring included. Bell-housing with Multi-Drilling machined for group 1 and 2 pump, with pump centering ring to be ordered separately.

## LMEK

Bell-housing for Kubota engine from 13.5 to 35 Hp available for gear pump 1 or 2, ZF Bosch SAE A 2 BOLT, SAE B 2 BOLT and SAE C 2 BOLT.



## PRODUCTS AND VERSIONS FOR INTERNAL COMBUSTION ENGINES

### BELL-HOUSING

	Europen Standard			ZF	SAE A 2 BOLT	SAE B 2 BOLT	SAE C 2 BOLT	Multidrilling
	0.5	1	2					
Engine motor	3-5 Hp	•	•					
	7.5 - 13 Hp	•	•	•	•			•
	13.5 - 35 Hp		•	•	•	•	•	

### COUPLINGS

	Aluminium ENAB 46100		Vulcanised rubber	
	Shaft ISO 3019-2		Shaft DIN 5482	Shaft ANSI B92.1A1976
Engine motor	3-5 Hp	•		
	7.5 - 13 Hp	•		
	13.5 - 35 Hp		•	•

# PRODUCTS AND VERSIONS FOR ELECTRIC MOTORS



## BELL-HOUSING

For gear, piston, vane and screw pumps.

Gear pumps



IEC Electric Motors	European std						German std - Bosch		
	0.5	1	2	3	3.5	4	ZB	ZF	ZG
IEC 63 Ø140 - d.11x23	•	•	•				•		
IEC 71 Ø160 - d.14x30	•	•	•				•		
IEC 80 Ø200 - d.19x40	•	•	•	•			•	•	
IEC 90 Ø200 - d.24x50	•	•	•	•			•	•	
IEC 100 Ø250 - d.28x60		•	•	•	•		•	•	
IEC 112 Ø250 - d.28x60		•	•	•	•		•	•	
IEC 132 Ø300 - d.38x80		•	•	•	•	•		•	•
IEC 160 Ø350 - d.42x110			•	•	•	•	•	•	•
IEC 180 Ø350 - d.48x110			•	•	•	•	•	•	•
IEC 200 Ø400 - d.55x110			•	•	•	•	•	•	•
IEC 225 Ø450 - d.60x140			•	•	•	•	•	•	•

IEC Electric Motors	Flange ISO 3019-2							Flange SAE J 744									
	50 B2/B4	63 B2/B4	80 B2/B4	100 B2/B4	125 B2/B4	160 B2/B4	200 B2/B4	50-2 (A-A)	82-2 (A)	101-2 (B)	127-2 (C)	152-2 (D)	165-2 (E)	101-4 (B)	127-4 (C)	152-4 (D)	165-4 (E)
IEC 80 Ø200 - d.19x40	•	•	•	•				•	•								
IEC 90 Ø200 - d.24x50	•	•	•	•				•	•								
IEC 100 Ø250 - d.28x60	•	•	•	•	•			•	•	•				•			
IEC 112 Ø250 - d.28x60	•	•	•	•	•			•	•	•	•			•			
IEC 132 Ø300 - d.38x80			•	•	•	•			•	•	•			•	•		
IEC 160 Ø350 - d.42x110			•	•	•	•			•	•	•			•	•		
IEC 180 Ø350 - d.48x110			•	•	•	•			•	•	•			•	•		
IEC 200 Ø400 - d.55x110			•	•	•	•	•					•		•	•	•	
IEC 225 Ø450 - d.60x140			•	•	•	•	•			•	•	•	•	•	•	•	•
IEC 250 Ø550 - d.65x140			•	•	•	•	•			•	•	•	•	•	•	•	•
IEC 280 Ø550 - d.75x140					•	•	•			•	•	•	•	•	•	•	•
IEC 315 Ø660 - d.80x170					•	•	•			•	•	•	•	•	•	•	•
IEC 355 Ø800 - d.90x170					•	•	•			•	•	•	•	•	•	•	•

## COUPLINGS

- 100% shaft covering
- Noise reduction by spider inclusion
- Spider available with different material



IEC Electric Motors	Aluminium ENAB 46100	G25 UNI 5007 Cast Iron - C40 Carbon Steel				
	Shaft ISO 3019-2	Shaft ISO 3019-2	Shaft ANSI B92.1A1976	Shaft DIN 5480	Shaft DIN 5481	Shaft DIN 5482
IEC 80 Ø200 - d.19x40	•	•	•	•	•	•
IEC 90 Ø200 - d.24x50	•	•	•	•	•	•
IEC 100 Ø250 - d.28x60	•	•	•	•	•	•
IEC 112 Ø250 - d.28x60	•	•	•	•	•	•
IEC 132 Ø300 - d.38x80	•	•	•	•	•	•
IEC 160 Ø350 - d.42x110	•	•	•	•	•	•
IEC 180 Ø350 - d.48x110	•	•	•	•	•	•
IEC 200 Ø400 - d.55x110	•	•	•	•	•	•
IEC 225 Ø450 - d.60x140	•	•	•	•	•	•
IEC 250 Ø550 - d.65x140	•	•	•	•	•	•
IEC 280 Ø550 - d.75x140	•	•	•	•	•	•
IEC 315 Ø660 - d.80x170	•	•	•	•	•	•
IEC 355 Ø800 - d.90x170	•	•	•	•	•	•

# WORLDWIDE NETWORK

CANADA ♦ CHINA ♦ FRANCE ♦ GERMANY ♦ INDIA ♦ SINGAPORE  
UNITED ARAB EMIRATES ♦ UNITED KINGDOM ♦ USA



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