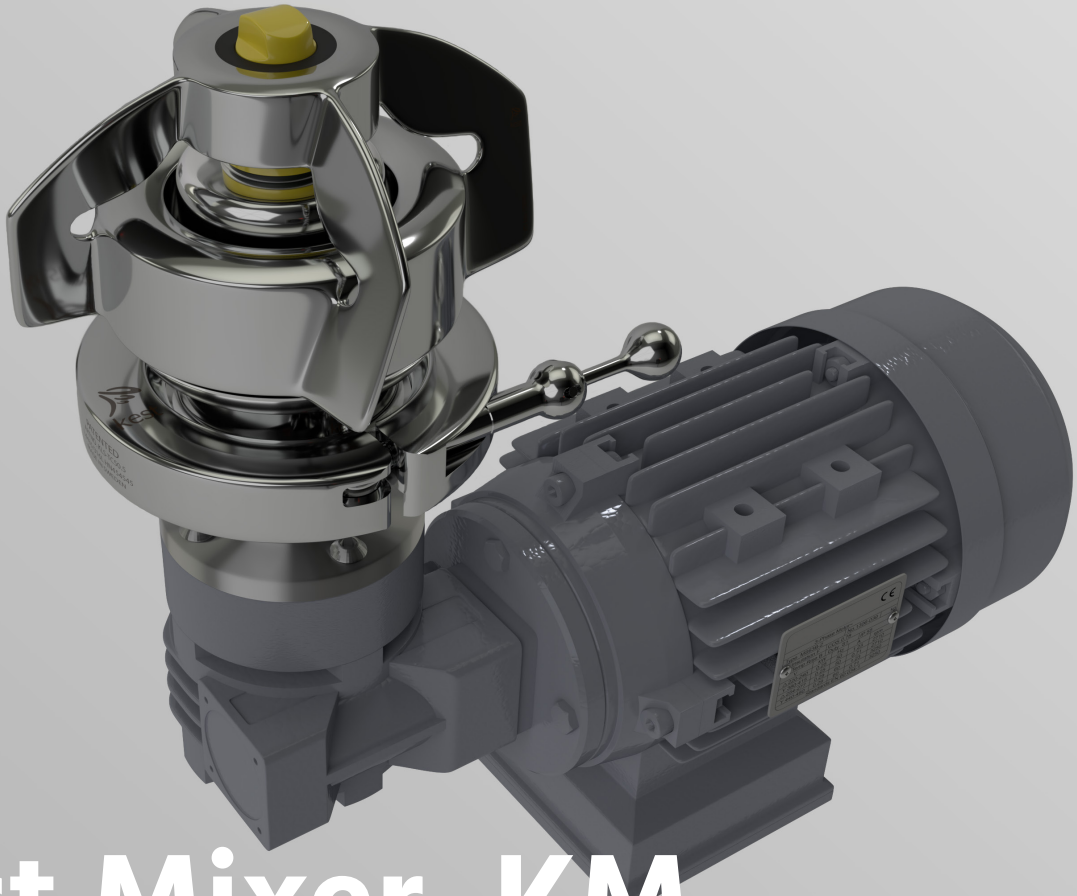


Kest Mixer, KM

For outstanding mixing performance in critical pharma and biotechnology applications.

DS-000003 EN REV H

Kest Mixer, KM

The Kest Mixer is a magnetic coupled mixer. With its aseptic design and excellent mixing performance it has become a popular choice for critical pharma and biotech applications.

The Kest Mixer KM range covers mixing volumes up to 22 000 litres. The Kest Mixer is designed for CIP/SIP applications.

Easy operator handling of the drive unit is secured by our patented Kest-Lock Connection. With our advanced Speed Sensor technology you will have a reliable process control.

The Kest Mixer KM range can be customized to perfectly fit your needs. We can modify the mixing head to mix to the last drop or manufacture the parts that have media contact in specific materials, please contact your reseller for a quote.

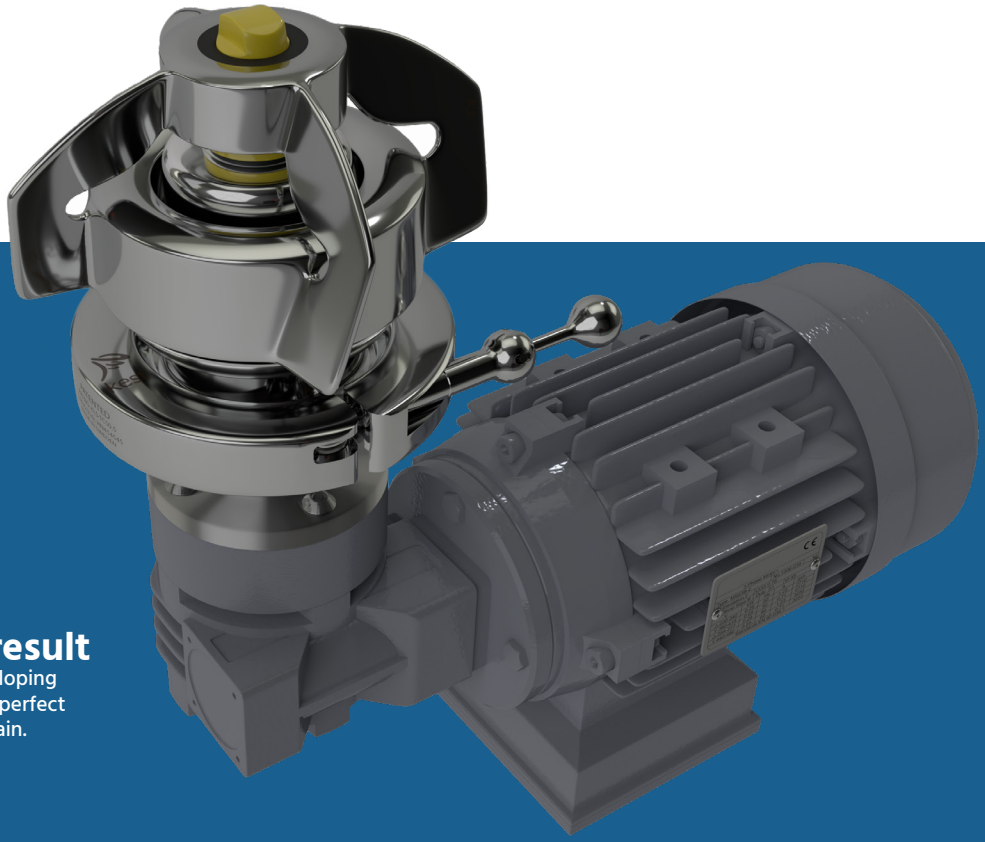
The Kest Mixer KM range is also available in an ATEX version, see separate data sheet for more information.

Kest Mixer range for various mixing applications

Kest has developed several product lines for various mixing applications and clean room needs. The KMS product line was developed for LAF applications and the Rapid Motion (RM) line for medium shear force generation. See separate data sheets on the other product lines in the Kest Mixer family or contact your reseller for more information.

We bring flow to your mixing process

Our mixers and components have one purpose: to make your mixing process flow. 24/7. To ensure predictable and compliant results. To minimize maintenance. To minimize waste. To maximize the value created by your mixing process.



Perfect mixing result
After years of experience developing mixers this mixer will deliver a perfect mixing result over and over again.

Integrated speed sensor
The mixer is equipped with an integrated speed sensor that measures the speed of the mixing head, that the mixing head is in place and that it rotates in the right direction.

Full integrity of the tank
The magnetic coupling between the mixing head and drive unit ensures total integrity of the tank. All tank plates are FEM analyzed according to PED & ASME.

ZERO particle shedding
The robust bearing combination of Zirconium and Sic and the fine-tuned geometry, ensures no particle generation. *

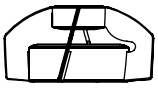
Mixing low level volumes
Due to the low building height of the mixer head along with a lot of wing area close to the bottom it can handle continues mixing of low levels.

Mixing to the last drop
The wings fixed position close to the tank bottom and the possibility to run the mixer during emptying of the tank, ensures full product recovery.

Minimize downtime
The low weight of the drive unit and our patented Kest-Lock connection ensures quick disconnection from the tank plate during maintenance.

* The external test, according to USP<788> PARTICULATE MATTER IN INJECTIONS, could not detect any particles from the bearing.

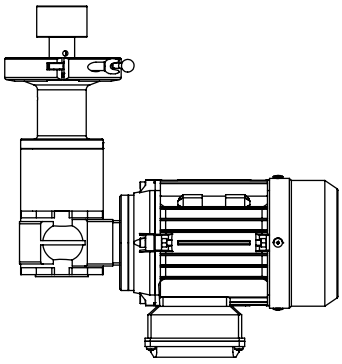
Kest Mixer KM, general information



Mixing Head

Male Post

Tank Plate



Drive Unit

Speed Sensor (optional)

The Kest Mixer is a magnetically coupled mixer containing 4 modules, Mixing head, Male Post, Tank plate and Drive Unit.

To secure the integrity of the tank, the tank plate is welded into the tank, the mixing head and drive unit couples through magnetic forces. When installing the tank plate, make sure to use our welding tool and to follow the welding guideline.

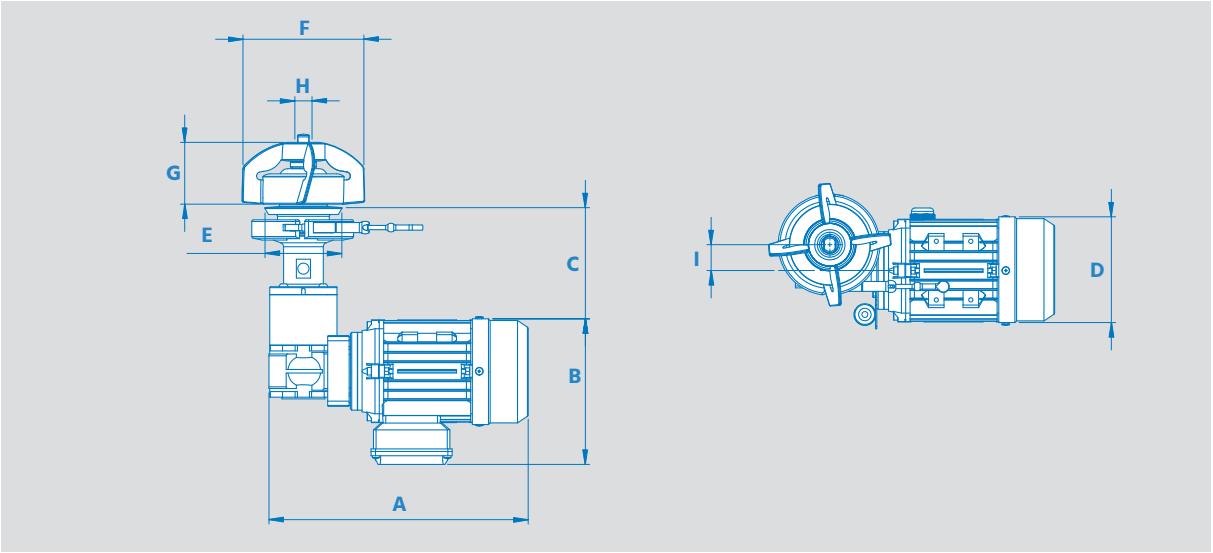
Select the appropriate model, download the Kest Mixer selection guide as a support. For complex mixing applications contact your reseller for consultation.

Decide upon optional drive unit features like Speed sensor, Lowering device or extension. You will find the order information, Ref. No., for each part in this data sheet.

THE DRIVE UNIT IS TO BE OPERATED BY FREQUENCY CONVERTER. CONVERTER PARAMETERS TO BE VALIDATED FOR EACH PROCESS APPLICATION IN RELATION TO VOLUME, VISCOSITY ETC.

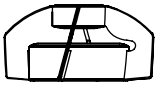
ALWAYS USE A WELDING TOOL AND FOLLOW THE WELDING GUIDE LINE WHEN INSTALLING A KEST MIXER TANK PLATE

Kest Mixer KM, dimensions



MODEL	A mm [in]	B mm [in]	C std (L0) / extension (L1) mm [in]	D mm [in]	E mm [in]	F mm [in]	G mm [in]	H mm [in]	I mm [in]
KM-0/3	**300** [11.811]	**172** [6.772]	**60/120** [2.362/4.724]	**123** [4.843]	**55** [2.165]	**82** [3.228]	**33** [1.299]	**12** [0.472]	**30** [1.181]
KM-3/7	**300** [11.811]	**172** [6.772]	**60/120** [2.362/4.724]	**123** [4.843]	**55** [2.165]	**96** [3.780]	**46** [1.811]	**12** [0.472]	**30** [1.181]
KM-7/20	**300** [11.811]	**172** [6.772]	**60/120** [2.362/4.724]	**123** [4.843]	**84** [3.307]	**120** [4.724]	**56** [2.205]	**16** [0.630]	**30** [1.181]
KM-20/70	**300** [11.811]	**172** [6.772]	**60/120** [2.362/4.724]	**123** [4.843]	**89** [3.504]	**142** [5.591]	**71** [2.795]	**20** [0.787]	**30** [1.181]
KM-70/120	**340** [13.386]	**185** [7.283]	**60/120** [2.362/4.724]	**138** [5.433]	**99** [3.898]	**160** [6.299]	**71** [2.795]	**20** [0.787]	**45** [1.772]
KM-120/230	**394** [15.512]	**213** [8.386]	**80/120** [2.362/4.724]	**156** [6.142]	**119** [4.685]	**184** [7.244]	**73** [2.874]	**20** [0.787]	**50** [1.969]
KM-230/600	**394** [15.512]	**213** [8.386]	**80/120** [2.362/4.724]	**156** [6.142]	**159** [6.260]	**192** [7.559]	**119** [4.685]	**30** [1.181]	**50** [1.969]
KM-600/1300	**447** [17.598]	**224** [8.819]	**80/135** [2.362/5.315]	**171** [6.732]	**150** [5.906]	**220** [8.661]	**150** [5.906]	**30** [1.181]	**63** [2.480]
KM-1300/2200	**573** [22.559]	**255** [10.039]	**-/120** [-/4.724]	**196** [7.717]	**239** [9.409]	**273** [10.748]	**124** [4.882]	**30** [1.181]	**85** [3.346]
KM-2200/3500	**596** [23.465]	**280** [11.024]	**-/122** [-/4.803]	**220** [8.661]	**241** [9.488]	**365** [14.370]	**155** [6.102]	**30** [1.181]	**110** [4.331]

Kest Mixer KM, specifications



Mixing Head

Male Post

Tank Plate

MECHANICAL SPECIFICATIONS

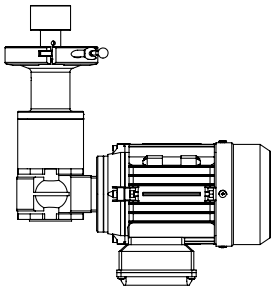
	Mixer head	Male post	Tank plate
Material grade	**EN 1.4435/ASTM 316L, Silicone carbide (SiC)**	**Zirconium Oxide (ZrO2)**	**EN 1.4435/ASTM 316L**
Material requirement	**EN 10 272/10028-7, A479/A240 or SA479 SA240**		
Documentation	**Heat Certificate 3.1 acc. to EN 10 204**		
Surface finish	**Ra≤[0.5 µm] [20 µin] Polished - on surfaces in product contact.** **Mixing head Electropolished, see order information**		
Design Temperature	**[0°C to +150°C] [+32°F to +302°F]**		
Operating temperature	**[0°C to +135°C] [+32°F to +275°F]**		
Design Pressure	**[-1 bar(g) to + 10 bar(g)] [-14.5 psi to 145 psi]**		
pH range	**1-14**		
Marking	**Head and Bearing is marked with ID No. Tank plate is marked with material grade and heat number**		
Packing	**Each item is sealed in vacuum plastic bag, labelled with article code and packed in a box**		
Male bearing sealing	**EPDM or Silicone, approved acc. FDA regulation CFR 177.2600, USP Class VI**		
Quality Assurance	**Each product is controlled and tested acc. to Kest Technology quality assurance system**		

Kest Mixer KM, weights

MODEL	MIXING HEAD kg / [lb]	MALE POST kg / [lb]	TANK PLATE kg / [lb]	DRIVE UNIT* kg / [lb]	TOTAL* kg / [lb]
KM-0/3	**0.3 / [0.7]**	**0.02 / [0.04]**	**0.2 / [0.5]**	**7.0 / [15.4]**	**7.5 / [16.5]**
KM-3/7	**0.5 / [1.1]**	**0.02 / [0.04]**	**0.3 / [0.7]**	**7.1 / [15.7]**	**8.0 / [17.6]**
KM-7/20	**1.0 / [2.2]**	**0.04 / [0.09]**	**0.5 / [1.1]**	**7.4 / [16.3]**	**9.0 / [19.8]**
KM-20/70	**1.5 / [3.3]**	**0.09 / [0.2]**	**0.8 / [1.8]**	**7.5 / [16.5]**	**10.0 / [22.1]**
KM-70/120	**2.0 / [4.4]**	**0.09 / [0.2]**	**1.1 / [2.4]**	**10.6 / [23.4]**	**14.0 / [30.9]**
KM-120/230	**2.1 / [4.6]**	**0.09 / [0.2]**	**1.8 / [4.0]**	**15.4 / [34.0]**	**19.5 / [43.0]**
KM-230/600	**4.0 / [8.8]**	**0.40 / [0.9]**	**2.5 / [5.5]**	**19.6 / [43.2]**	**26.5 / [58.4]**
KM-600/1300	**5.0 / [11.0]**	**0.40 / [0.9]**	**2.7 / [6.0]**	**24.5 / [54.0]**	**32.5 / [71.7]**
KM-1300/2200	**6.6 / [14.6]**	**0.40 / [0.9]**	**8.4 / [18.5]**	**45.0 / [99.2]**	**60.5 / [133.4]**
KM-2200/3500	**8.5 / [18.7]**	**0.40 / [0.9]**	**10 / [22,0]**	**65.0 / [143.3]**	**83.9 / [185]**

*Weights based on standard unit with extension, stainless steel cover is not included, small variations might occur depending on options selected

Kest Mixer KM, Drive unit specifications



Drive Unit

MODEL	MOTOR POWER 50/60Hz kW [hp]	FREQUENCY [Hz]	CURRENT 230/400V [A]	GEAR BOX RATIO [i]	SPEED RANGE [RPM]
KM-0/3	**0.25/0.3 [0.34/0.4]**	**50/60**	**1.3/0.75**	**1:5**	**50-680**
KM-3/7	**0.25/0.3 [0.34/0.4]**	**50/60**	**1.3/0.75**	**1:7**	**50-490**
KM-7/20	**0.25/0.3 [0.34/0.4]**	**50/60**	**1.3/0.75**	**1:7**	**50-490**
KM-20/70	**0.25/0.3 [0.34/0.4]**	**50/60**	**1.3/0.75**	**1:7**	**50-490**
KM-70/120	**0.55/0.68 [0.74/0.91]**	**50/60**	**2.4/1.4**	**1:7**	**50-490**
KM-120/230	**0.75/0.9 [1.0/1.2]**	**50/60**	**3.3/1.9**	**1:7**	**50-490**
KM-230/600	**1.1/1.3 [1.4/1.7]**	**50/60**	**4.7/2.7**	**1:7**	**50-490**
KM-600/1300	**1.5/1.8 [2.0/2.4]**	**50/60**	**6.2/3.6**	**1:7**	**50-490**
KM-1300/2200	**3.0/3.5 [4.0/4.7]**	**50/60**	**11.8/6.8**	**1:10**	**35-340**
KM-2200/3500	**4.0/4.6 [5.4/6.2]**	**50/60**	**7.95/4.6**	**1:7**	**35-250**

DRIVE UNIT SPECIFICATIONS	
Motor	**CE - Standards EN60 034-1**
Motor protection	**One thermo element as standard**
Design Temperature	**[0°C to +40°C] [+32°F to +104°F]**
Protection class	**IP 55**
Paint	**The flange, motor and gearbox are painted - RAL 7015**
Gear box oil	**AGIP TELIUM VSF 320**
Marking	**Each item is marked with article code**
Packing	**Each item is sealed in plastic bag, labelled with article code and packed in a box**
Quality Assurance	**Each product is controlled and tested acc. to Kest Technology quality assurance system**

Power consumption

The figures below is mean values based on operation in water (1 cP) with a standard mixing head and can vary depending on viscosity, mixing angle, volume and tank shape.

SIZE	50 RPM [W]	100 RPM [W]	200 RPM [W]	300 RPM [W]	400 RPM [W]	490 RPM [W]
0/3	**24**	**36**	**58**	**88**	**110**	**132**
3/7	**25**	**38**	**65**	**92**	**118**	**140**
7/20	**29**	**48**	**86**	**130**	**180**	**197**
20/70	**31**	**54**	**101**	**160**	**226**	**290**
70/120	**42**	**60**	**109**	**181**	**290**	**435**

Kest Mixer KM, Speed Sensor (optional)

The Kest Mixer speed sensor unit is a integrated sensor system that enables secure verification of the actual rotation of the mixer head.

An integrated function in the Kest-Mixers speed sensor also verifies that the mixer head is in place in the tank and that it is rotating in the correct direction.

The unit consists of a sensor, that is located underneath the magnetic rotor, and a converter unit, that is located on the drive unit.

The output signal from the sensor is 1 pulse/rotation as standard.

For visual indication of the different functions there are three different LED,s located on the converter unit indicating the following functions:

- Green LED: Power supply

- Yellow LED: Clockwise rotation

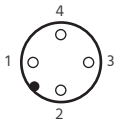
- Blue LED: Signal/Pulse

The sensor and cable are designed for +150°C to cope with the temperatures in the tank plate during sterilization, the rest of the unit is designed for up to +40°C. The converter unit is located on the motor/gearbox.

MECHANICAL SPECIFICATIONS

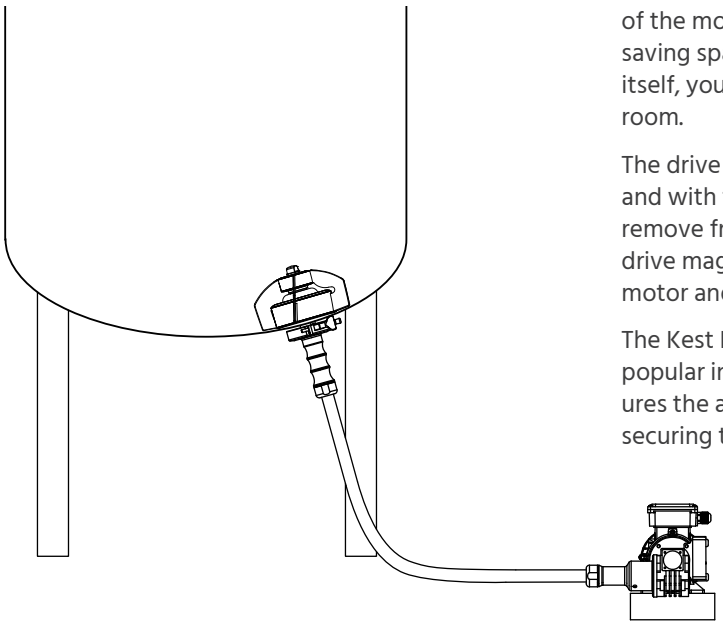
	Sensor holder	Cabel	Converter housing
Material grade	**POM C**	**5 meter, open ends**	**PMMA**
Design Temperature	**[0°C to +150°C] [+32°F to +302°F]**		**[0°C to +40°C] [+32°F to +104°F]**
Marking	**Each item is marked with article code**		
Packing	**Each item is sealed in vacuum plastic bag and packed in a box**		
Quality Assurance	**Each product is controlled and tested acc. to Kest Technology quality assurance system**		

Electrical Specifications

Type	**Hall effect switch, PNP closing circuit**	
Voltage	**8-30 V DC**	
Rated Current	**200 mA**	
Protection class	**IP 67 (contacts)**	
Connection type sensor unit	**4-pole female connection, M8x1**	
Connection type converter unit	**Input: 4-pole male connection, M8x1. Output: 4-pole male connection M12x1**	
Socket wiring identification		**1 Signal: L + Power supply 8-30 VDC** **2: + Closing contact PNP for indication of rotation** **3: L - Negative/Ground** **4: Pulse signal 8-30. VDC**

Model	Standard pulse	**Max pulses** (on request)
KM-0/3	**1 pulse / rotation**	**2 pulses / rotation**
KM-3/7	**1 pulse / rotation**	**3 pulses / rotation**
KM-7/20	**1 pulse / rotation**	**3 pulses / rotation**
KM-20/70	**1 pulse / rotation**	**4 pulses / rotation**
KM-70/120	**1 pulse / rotation**	**5 pulses / rotation**
KM-120/230	**1 pulse / rotation**	**6 pulses / rotation**
KM-230/600	**1 pulse / rotation**	**8 pulses / rotation**
KM-600/1300	**1 pulse / rotation**	**6 pulses / rotation**
KM-1300/2200	**1 pulse / rotation**	**12 pulses / rotation**
KM-2200/3500	**1 pulse / rotation**	**12 pulses / rotation**

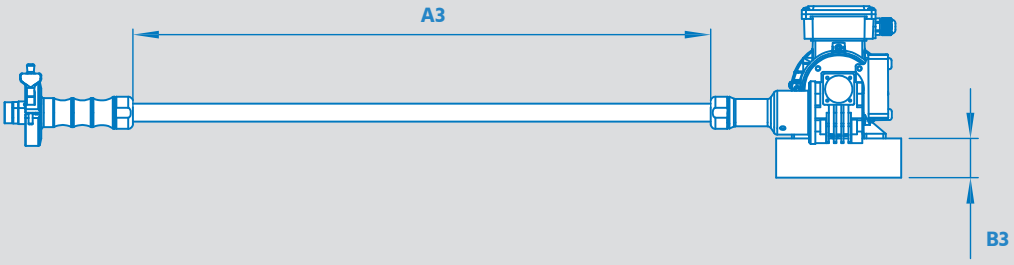
Kest Mixer KM, Remote drive (optional)



This new innovative drive unit allow you to get rid of the motor/gearbox from the tank. This is good for saving space and to remove the load upon the tank itself, you can even place the drive unit in a different room.

The drive magnet is connected to a flexible cord and with the Kest-Lock connection it is very easy to remove from the tank. The weight of the handle and drive magnet is significantly lighter than the entire motor and gearbox, which improves ergonomics.

The Kest Remote drive can be equipped with our popular integrated speed sensor system that measures the actual speed of the mixing head as well as securing the correct rotation direction.



MODEL	A3* mm [in]	MIN BEND RADIUS** mm [in]	B3 mm [in]
KM-0/3	**1500** [59]	**100** [3.937]	**50** [1.969]
KM-3/7	**1500** [59]	**100** [3.937]	**50** [1.969]
KM-7/20	**1500** [59]	**140** [5.512]	**50** [1.969]
KM-20/70	**1500** [59]	**240** [9.449]	**50** [1.969]
KM-70/120	**1500** [59]	**240** [9.449]	**50** [1.969]

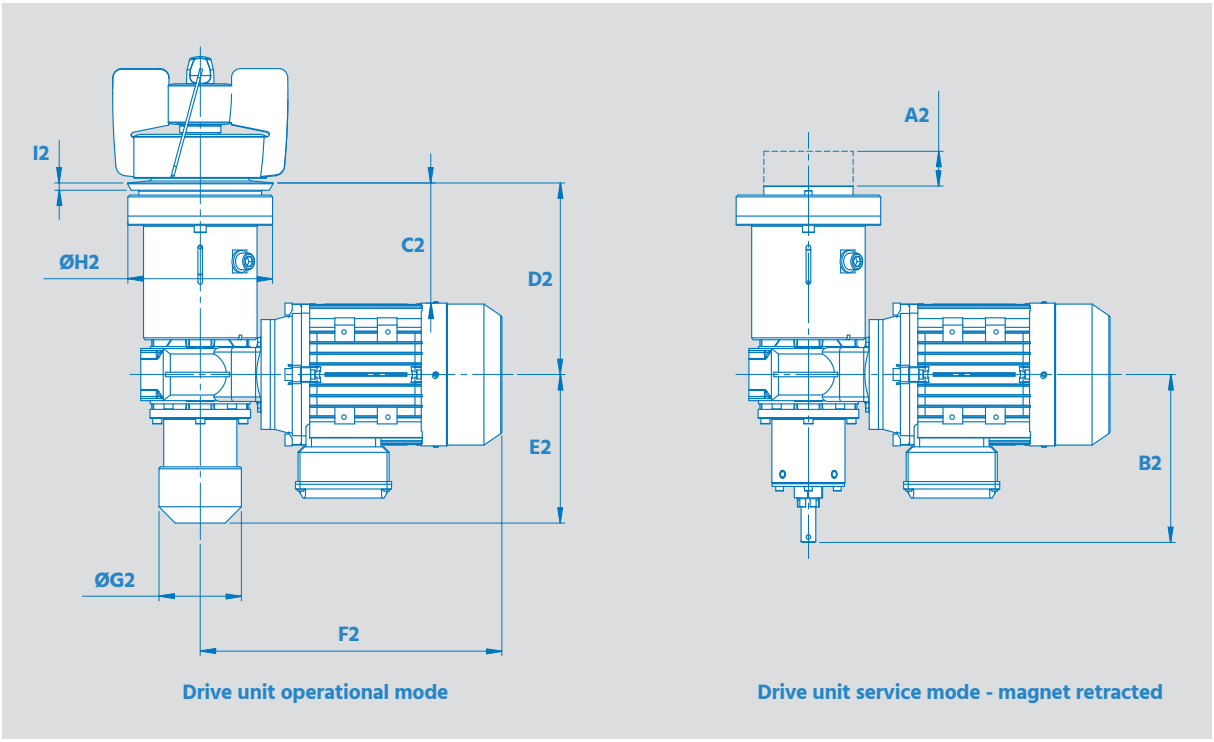
*For other lengths contact Kest or your reseller.

** The bend radius cannot be smaller than this value.

Kest Mixer KM, lowering device (optional)

During maintenance and inspection of the mixing head and male bearing, you need to cancel the magnetic force acting on the mixing head from the drive unit. Removing the drive unit on larger mixer sizes can sometimes be a heavy and time-consuming job. To get around this problem Kest has developed a lowering device. By removing a protective lid and turning a nut you can easily lower the magnetic rotor and cancel the magnetic force acting on the mixing head without removing the drive unit from the tank plate. The option is also available with our popular integrated speed sensor system.

Smaller KM sizes with lowering device is quoted on request.



Drive unit operational mode

Drive unit service mode - magnet retracted

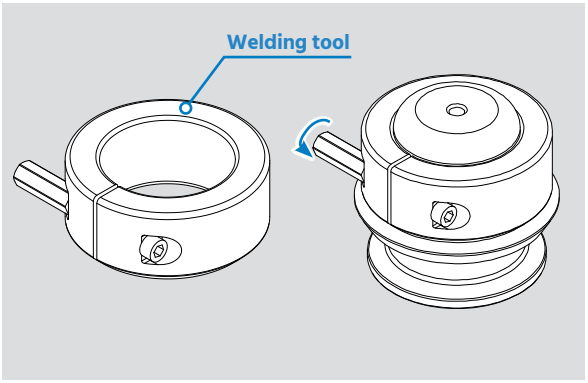
MODEL	A2 mm [in]	B2 mm [in]	C2 mm [in]	D2 mm [in]	E2 mm [in]	F2 mm [in]	ØG2 mm [in]	ØH2 mm [in]	I2* mm [in]
KM-230/600	**38** [1.496]	**184** [7.244]	**131** [5.157]	**209** [8.228]	**163** [6.417]	**330** [12.992]	**90** [3.543]	**158** [6.220]	**8** [0.315]
KM-600/1300	**72** [2.835]	**272** [10.709]	**197** [7.756]	**285** [11.220]	**216** [8.504]	**368** [14.488]	**90** [3.543]	**150** [5.906]	**10** [0.394]
KM-1300/2200	**38** [1.496]	**211** [8.307]	**177** [6.969]	**276** [10.866]	**179** [7.047]	**436** [17.165]	**110** [4.330]	**239** [9.409]	**10** [0.394]
KM-2200/3500	**60** [2.362]	**295** [11.614]	**211** [8.307]	**306** [12.047]	**234** [9.213]	**473** [18.622]	**110** [4.330]	**240** [9.449]	**10** [0.394]

*Weld flange thickness

Tools

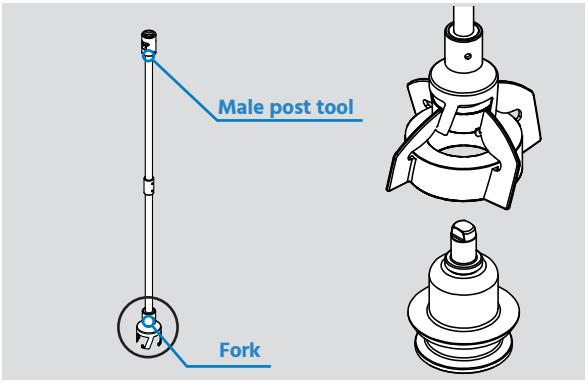
Welding tool

The welding tool is mounted on the Tank plate during installation. The aluminium welding tool transfers some heat away from the tank plate during welding to ensure that the tank plate doesn't get warped. The mixer is a precision component, and a warped tank plate can cause the mixer to malfunction. Always use a welding tool and follow the separate tank plate welding guideline when installing the tank plate.



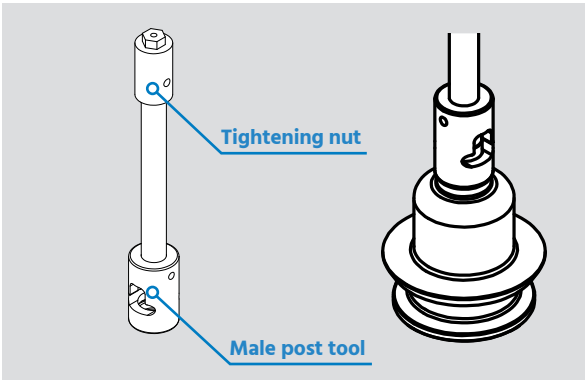
Multi tool

When you can't reach the tank plate you will need a multi tool to mount both the male post and mixing head, the tool is made in aluminium, and the male post tool works as the male post tightening tool below. The multi tool also has a fork in POM, to gently grab and lower down or bring up the mixing head from the male post in the tank. The standard length of the multitool is 750 mm, if you need a different length, we adjust it to fit your needs.



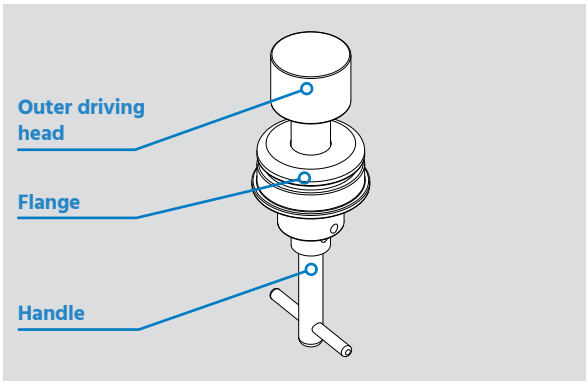
Male post tightening tool

In the cases where you can reach the tank plate to mount the male post and mixing head you will need the Male post tightening tool to fasten the male bearing with the correct torque. The tool is manufactured in aluminium with a stainless-steel nut on top for a torque wrench. The tool uses an O-ring to hold the male post in place, and when you are done the tool slides nicely off.



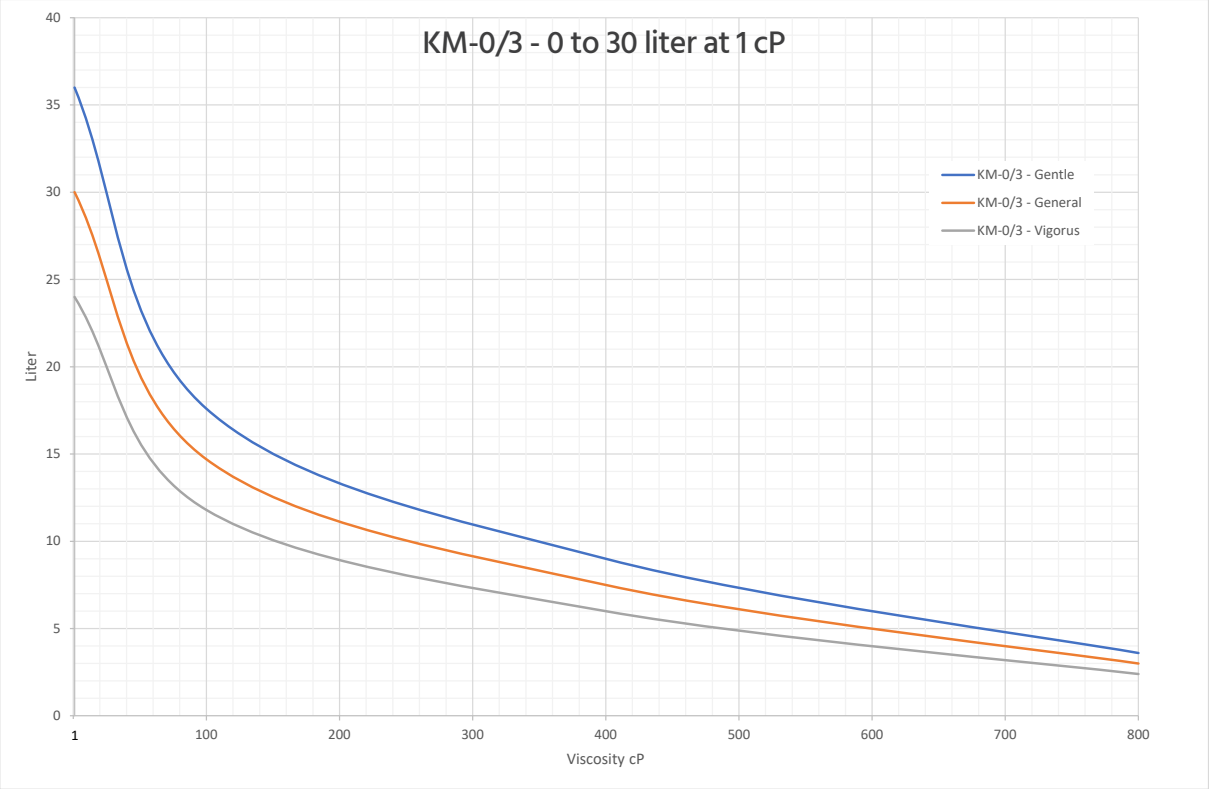
Mixing head attractor

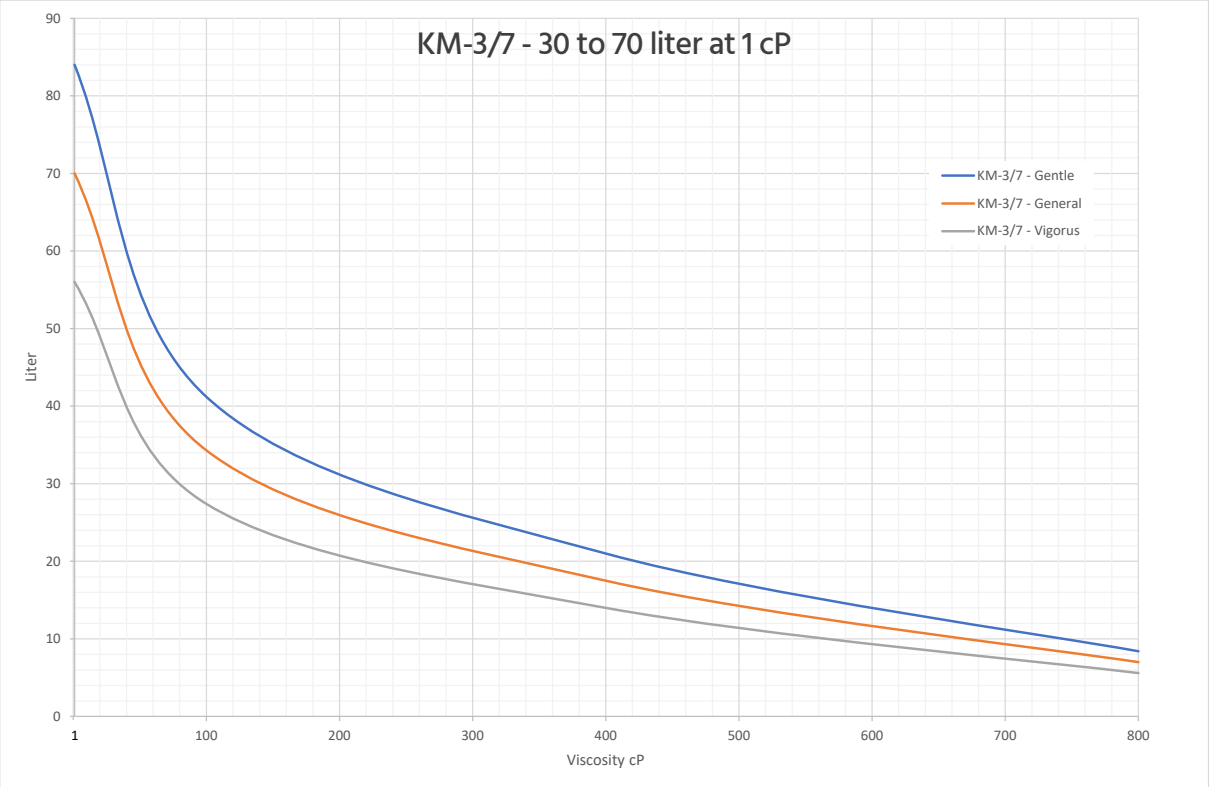
To keep the mixing head in place and protect the bearings while moving a mobile tank, it is important that the mixing head is secured inside. Normally when the drive unit is attached the mixing head is secured. If the drive unit needs to be detached during transportation a Mixing head attractor shall be used instead. The magnet on the mixing head attractor will keep the mixing head secured in place.

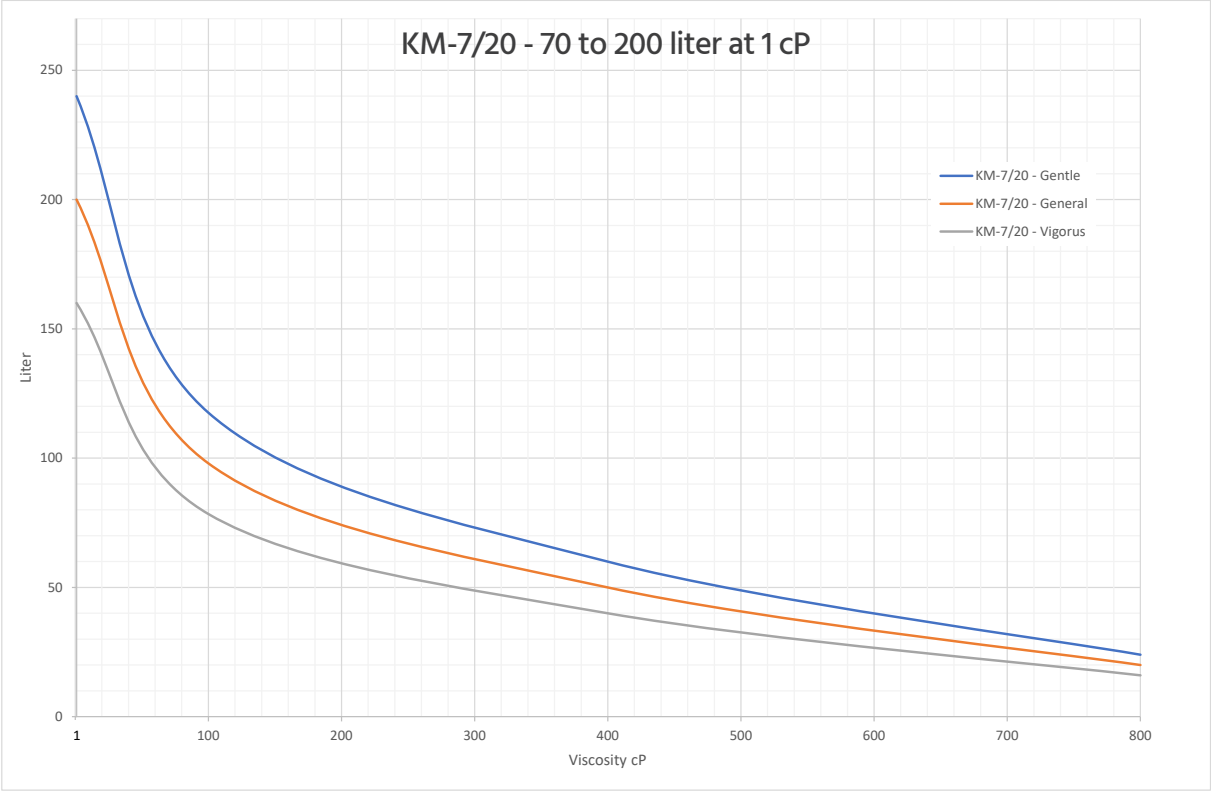


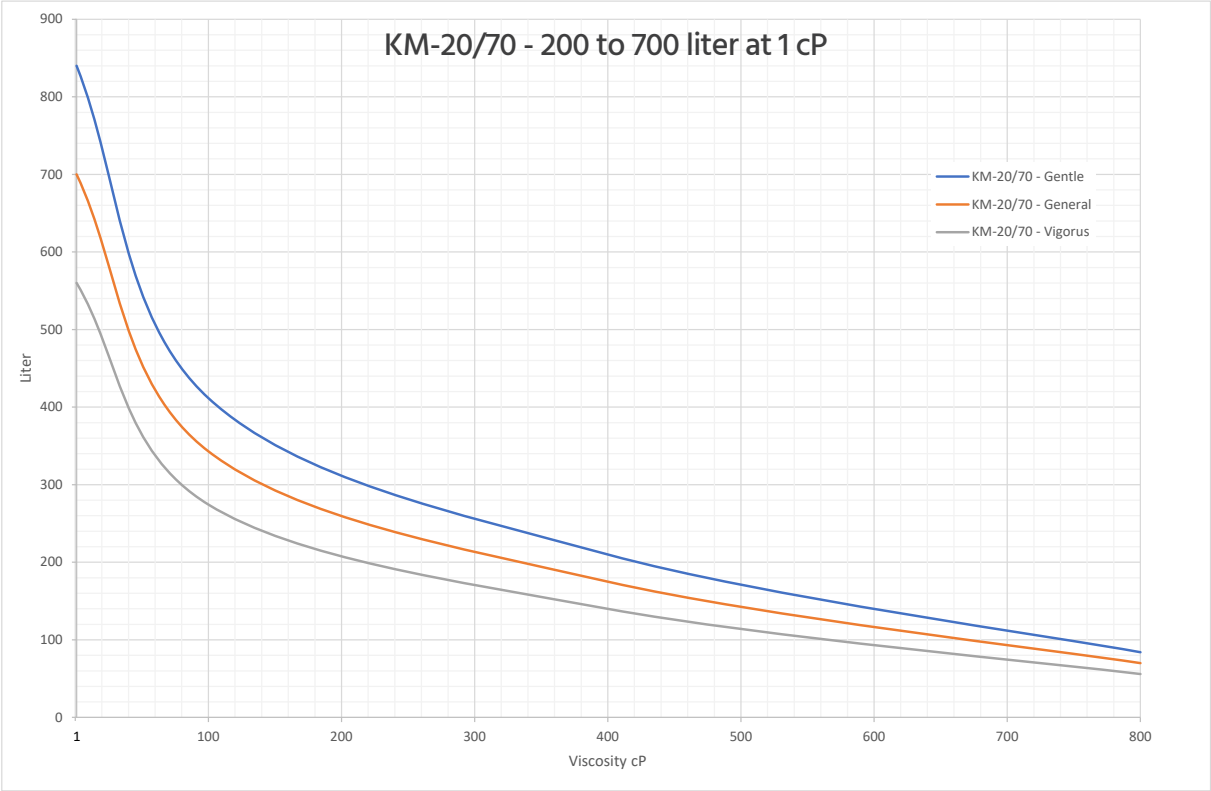
Selection guide

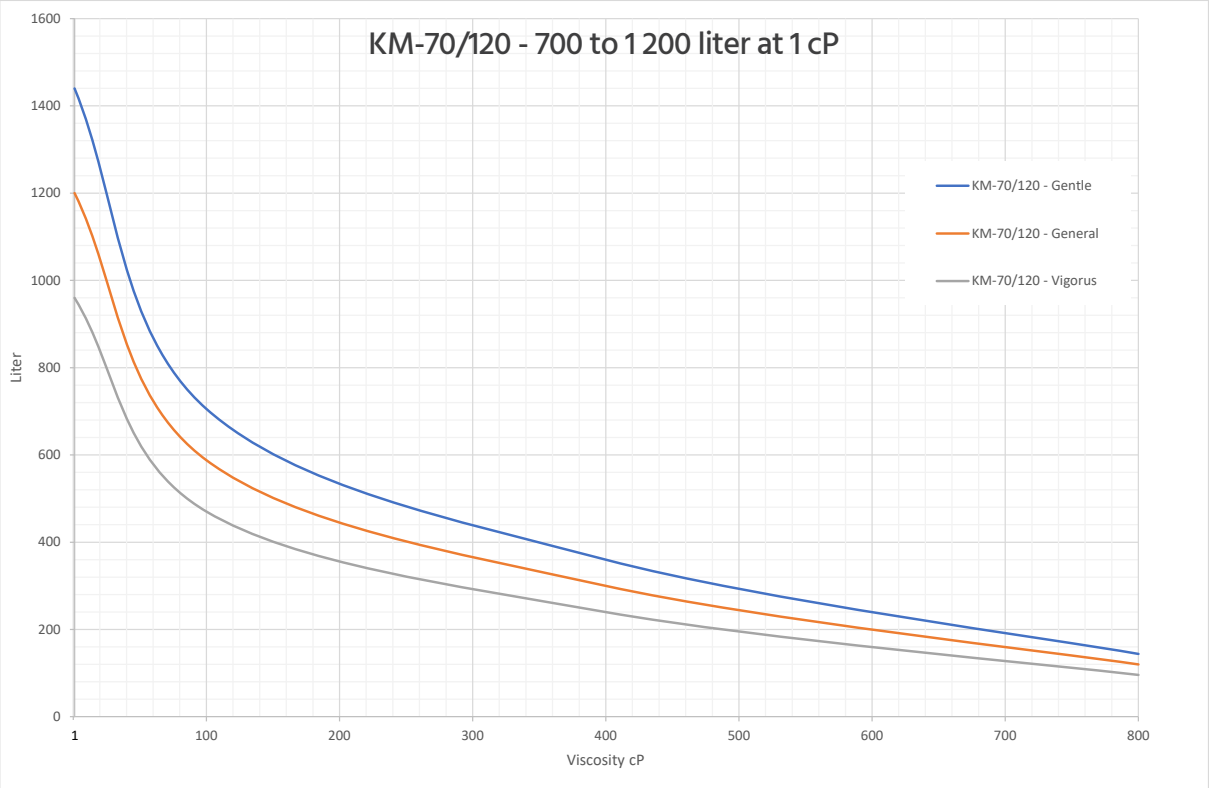
The mixer is selected after volume and desired mixing type based on the viscosity of the media. The different mixer sizes are targeting a specific volume range based on viscosity of 1 cP. Depending on the viscosity you might need to go for a larger size even if you are in the target volume. The characteristics of the General, Gentle and Vigorous mixing is subjective and built on experience. Se example in the end of the selection guide on how to select correct mixer size.

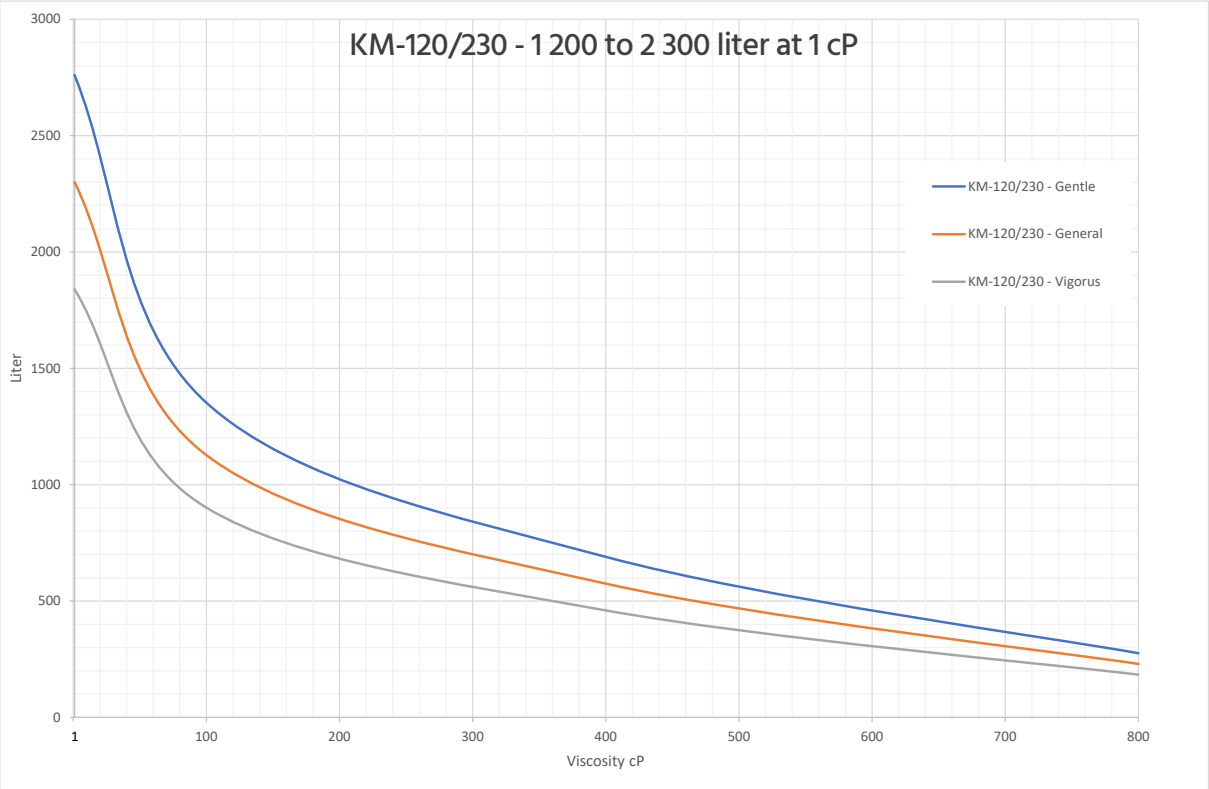


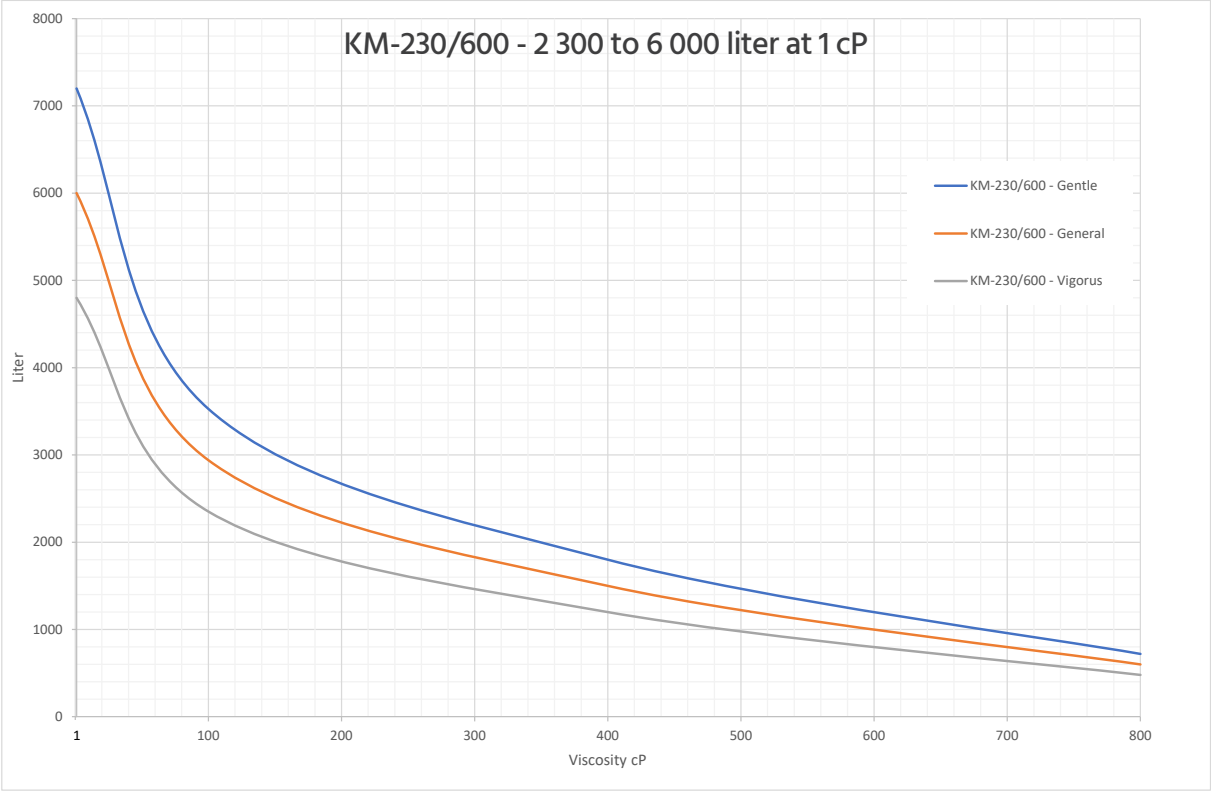


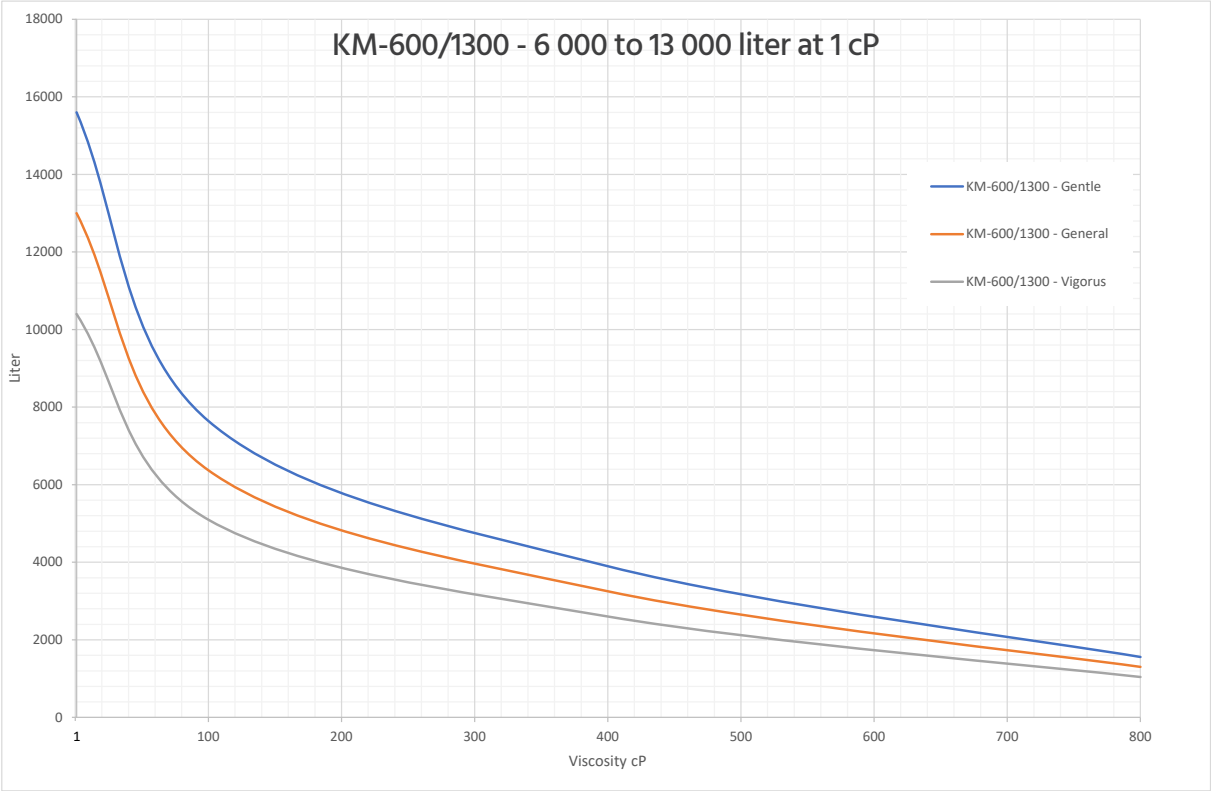

KM-7/20 - 70 to 200 liter at 1 cP
Liter
Viscosity cP
KM-7/20 - Gentle
KM-7/20 - General
KM-7/20 - Vigorus
0
50
100
150
200
250
1
100
200
300
400
500
600
700
800

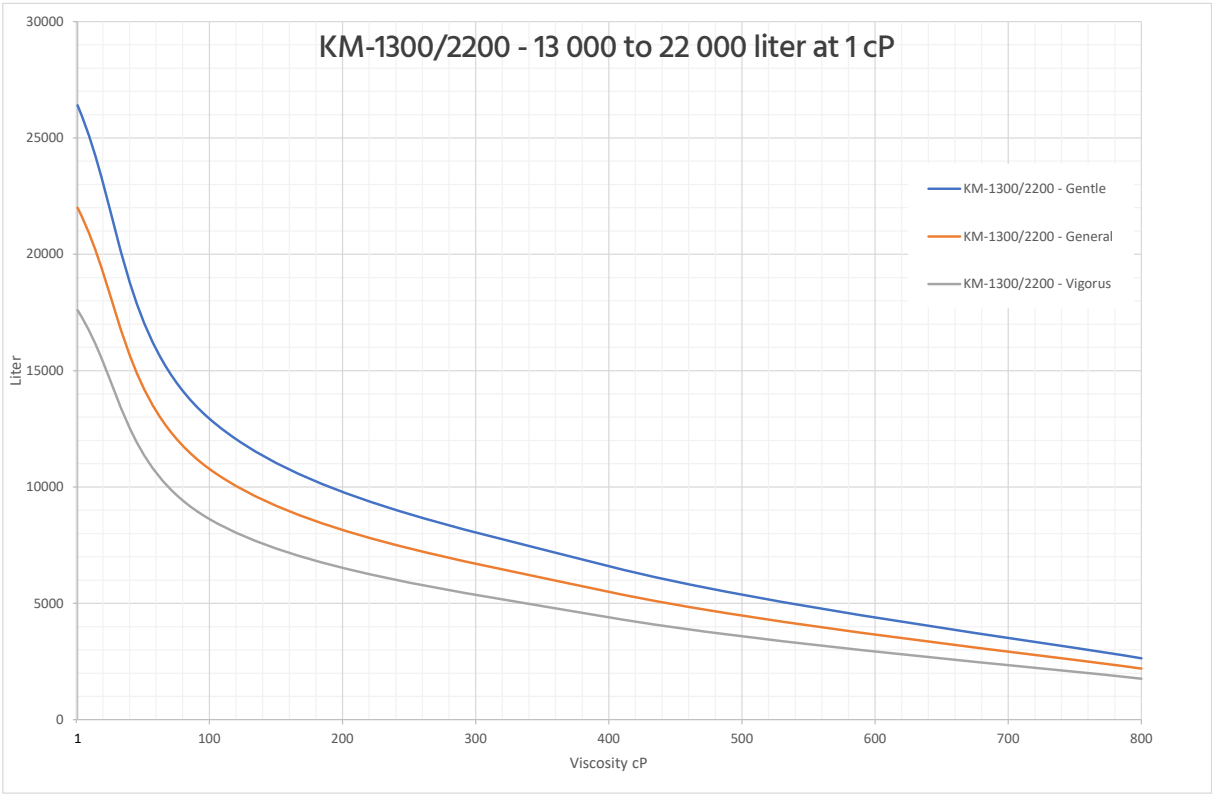

KM-20/70 - 200 to 700 liter at 1 cP
Liter
Viscosity cP
KM-20/70 - Gentle
KM-20/70 - General
KM-20/70 - Vigorus
0
100
200
300
400
500
600
700
800
900
1
100
200
300
400
500
600
700
800

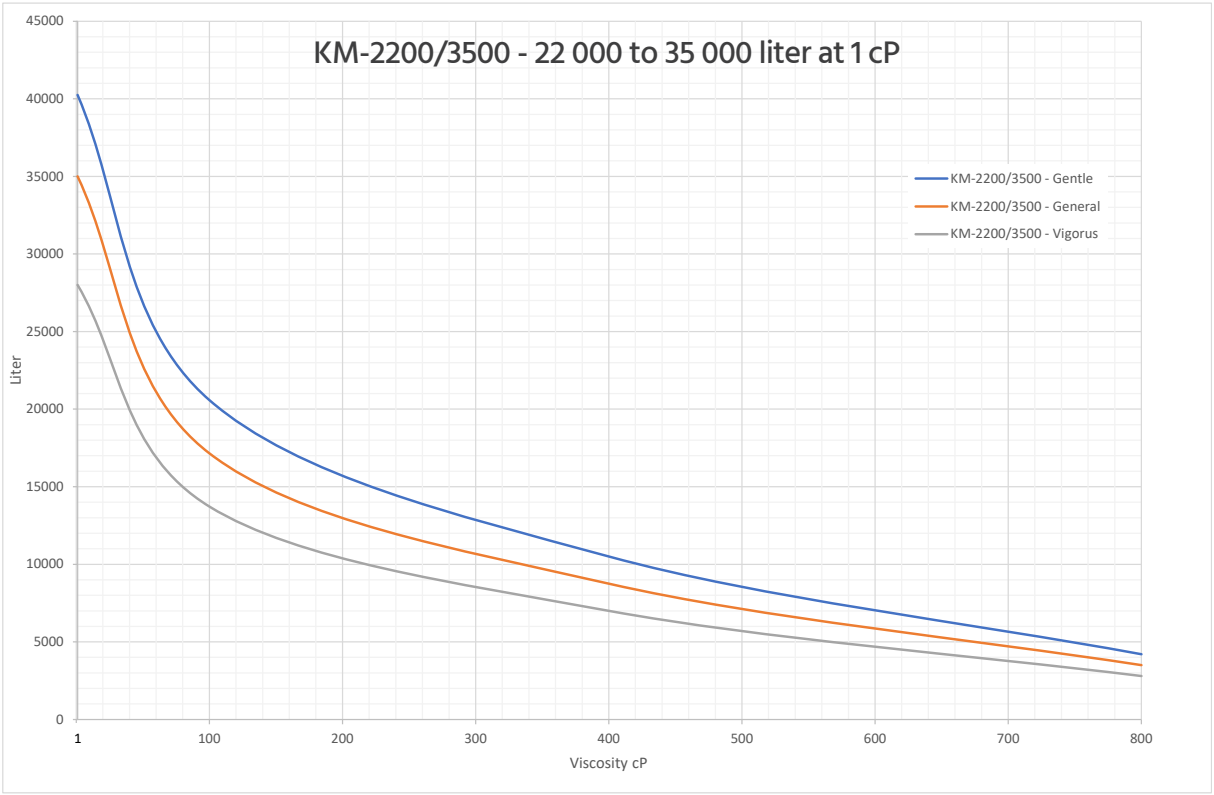

KM-70/120 - 700 to 1 200 liter at 1 cP
Liter
Viscosity cP
KM-70/120 - Gentle
KM-70/120 - General
KM-70/120 - Vigorus
0
200
400
600
800
1000
1200
1400
1600
1
100
200
300
400
500
600
700
800


KM-120/230 - 1 200 to 2 300 liter at 1 cP
Liter
Viscosity cP
KM-120/230 - Gentle
KM-120/230 - General
KM-120/230 - Vigorus
0
500
1000
1500
2000
2500
3000
1
100
200
300
400
500
600
700
800


KM-230/600 - 2 300 to 6 000 liter at 1 cP
Liter
Viscosity cP
KM-230/600 - Gentle
KM-230/600 - General
KM-230/600 - Vigorus
0
1000
2000
3000
4000
5000
6000
7000
8000
1
100
200
300
400
500
600
700
800


KM-600/1300 - 6 000 to 13 000 liter at 1 cP
Liter
Viscosity cP
KM-600/1300 - Gentle
KM-600/1300 - General
KM-600/1300 - Vigorus
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
1
100
200
300
400
500
600
700
800


KM-1300/2200 - 13 000 to 22 000 liter at 1 cP
Liter
Viscosity cP
KM-1300/2200 - Gentle
KM-1300/2200 - General
KM-1300/2200 - Vigorus
30000
25000
20000
15000
10000
5000
0
1
100
200
300
400
500
600
700
800


KM-2200/3500 - 22 000 to 35 000 liter at 1 cP
Liter
Viscosity cP
KM-2200/3500 - Gentle
KM-2200/3500 - General
KM-2200/3500 - Vigorus
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
1
100
200
300
400
500
600
700
800

Example:

You want to select a mixer that shall generate **General mixing**

The max mixing volume is 500 liters

The viscosity of the media is 100 cP.

Start with the mixer graph that has the correct range at 1 cP, KM20/70 has the range of 200 to 700 liter at 1 cP. Look at the graph at 100cP (on the horizontal axis) and follow it up to the orange line (General mixing) and read the value of the vertical axis to find out what the maximum mixing volume is at viscosity 100 cP.

In this case it is 340 Liter, go to the next size KM70/120 and check the maximum mixing volume in the same way. KM70/120 has the maximum mixing volume of 590 liter at 100 cp, this is enough for the application.

For this application you need the KM-70/120 mixer.

For higher viscosities you might need to go up several sizes to find a mixer that with the sufficient capacity.

Gentle mixing and Vigorous mixing are variations of the General mixing, for support contact your local distributor or Kest.

Test center

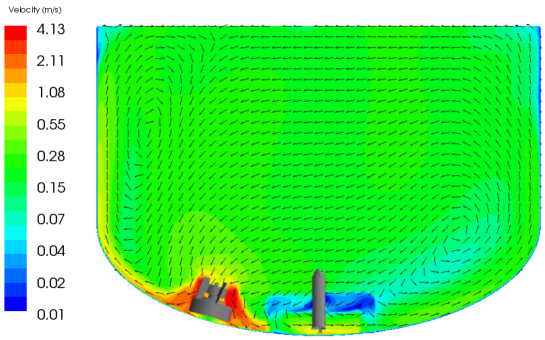
Mixing can be simple and complex, this selection guide sizes the mixer to the correct capacity. Mixing performance can be affected by many different factors, if you need support with your mixing application, we have long experience and an inhouse fully equipped test center. Do not hesitate to contact us with your mixing application.

CFD analysis

Investing in a mixer is a critical decision—one that directly impacts product quality, process efficiency, and operational costs. That's why at Kest, we offer CFD analysis as a powerful tool to help you make the right choice before you commit. You're investing in confidence, clarity, and control.

Here's what CFD can do for you:

- Visualize Flow Patterns: See exactly how your product will behave inside the tank—before it's built. CFD reveals dead zones, vortex formation, and mixing efficiency in stunning detail.
- Optimize Performance: Tailor your mixer design to your specific fluid properties and process goals. CFD helps you fine-tune impeller type, placement, and speed for maximum effectiveness.
- Save Time and Money: Avoid costly trial-and-error setups. CFD reduces the need for physical prototypes and minimizes the risk of underperforming equipment.
- Ensure Scale-Up Success: Confidently scale from lab to production. CFD helps predict how mixing will change with volume, so you can plan ahead with precision.
- Support Sustainability Goals: CFD can identify energy-saving opportunities by optimizing mixing dynamics, helping you reduce power consumption and environmental impact.



Kest Mixer KM - Order information

Kest Mixer KM - Ref. No. list

MODEL	MIXING HEAD ELECTRO POLISHED	MALE POST	TANK PLATE
KM-0/3	**102440**	**100562**	**100383**
KM-3/7	**102441**	**100562**	**100625**
KM-7/20	**102442**	**101530**	**100647**
KM-20/70	**102443**	**100415**	**100396**
KM-70/120	**102444**	**100415**	**102629**
KM-120/230	**102445**	**100415**	**102637**
KM-230/600	**102446**	**101817**	**100537**
KM-600/1300	**102447**	**101817**	**100794**
KM-1300/2200	**102448**	**101817**	**101292**
KM-2200/3500	**103153**	**101817**	**103230**

Drive unit - Ref. No. list (CE motor), standard

MODEL	STANDARD (L0)	STANDARD (L0) + SPEED SENSOR	EXTENSION (L1)	EXTENSION (L1) + SPEED SENSOR
KM-0/3	**101601**	**101602**	**101604**	**101603**
KM-3/7	**100978**	**100816**	**100979**	**100924**
KM-7/20	**100981**	**100762**	**100982**	**100759**
KM-20/70	**101408**	**100452**	**101042**	**100654**
KM-70/120	**101086**	**100779**	**101249**	**100690**
KM-120/230	**100919**	**101573**	**100944**	**100714**
KM-230/600	**100920**	**101216**	**101286**	**100706**
KM-600/1300	**100921**	**101584**	**101287**	**101585**
KM-1300/2200	-	-	**101298**	**101594**
KM-2200/3500	-	-	**103231**	**103281**

Drive unit - Ref. No. list (CE/UL motor)

MODEL	STANDARD (L0)	STANDARD (L0) + SPEED SENSOR	EXTENSION (L1)	EXTENSION (L1) + SPEED SENSOR
KM-0/3	**102182**	**102183**	**102184**	**102185**
KM-3/7	**102187**	**102189**	**102190**	**102191**
KM-7/20	**102194**	**102195**	**102196**	**102197**
KM-20/70	**102200**	**102201**	**102202**	**102203**
KM-70/120	**102206**	**102207**	**102208**	**102209**
KM-120/230	**102212**	**102213**	**102214**	**102215**
KM-230/600	**102218**	**102219**	**102220**	**102221**
KM-600/1300	**102224**	**102225**	**102226**	**102227**
KM-1300/2200	-	-	**102230**	**102231**
KM-2200/3500	-	-	**103283**	**103284**

Kest Mixer KM - Order information

Drive unit Remote (CE motor) - Ref. No. list

MODEL	STANDARD R	STANDARD R + SPEED SENSOR
KM-0/3	**102912**	**102913**
KM-3/7	**102914**	**102915**
KM-7/20	**102916**	**102917**
KM-20/70	**102918**	**102919**
KM-70/120	**102920**	**102921**

Drive unit with lowering device (CE motor) - Ref. No. list

MODEL	STANDARD LD	STANDARD LD + SPEED SENSOR
KM-230/600	**102771**	**102770**
KM-600/1300	**102773**	**102772**
KM-1300/2200	**102774**	**102775**
KM-2200/3500	**103282**	**103168**

Options & Tools - Ref. No. list

MODEL	MIXING HEAD ATTRACTOR	MULTI TOOL	MALE BEARING TOOL	WELDING TOOL
KM-0/3	**101620**	**101006**	**100704**	**100446**
KM-3/7	**101620**	**101006**	**100704**	**100923**
KM-7/20	**101436**	**101342**	**102422**	**100802**
KM-20/70	**100571**	**100655**	**102423**	**100802**
KM-70/120	-	**100655**	**102423**	**100780**
KM-120/230	-	**100655**	**102423**	**100717**
KM-230/600	-	**101010**	**102424**	**100800**
KM-600/1300	-	-	**102424**	**100717**
KM-1300/2200	-	-	**102424**	**101300**

kest

www.kest.se