

IBC-Mixer-Sets*

For Fluids with a viscosity up to 12 000 mPas



More than just pumps



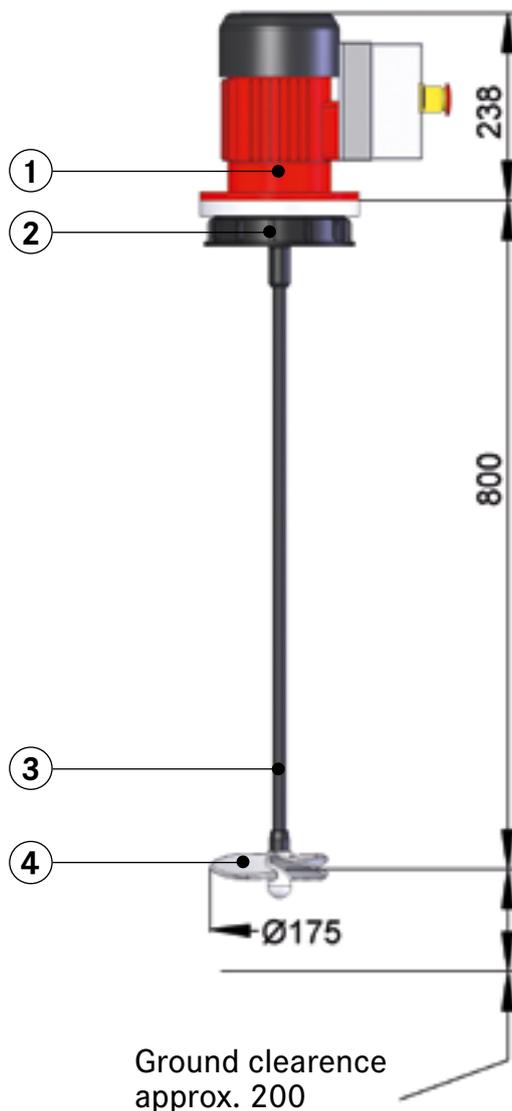
*For Standard 1 000 L IBC

IBC Mixer EHM 0.55/6-Mo

For viscosity up to approx. 1 500 mPas



Dimensions (mm)



For viscosity up to approx. 1 500 mPas

Circulation rate

Circulation rate approx. 2.6 m³/ min based on water

Weight

Assembly set Pos. 1 to 4 ~ 13 kg

Part No. 10-P0000001

Individual components

1 Motor BG80

Rated output	0.55 kW
Power supply	3~Phase, 50 Hz
Rated voltage	3 x 400 Volt
Current at rated voltage	Approx. 1.8 Amp.
Degree of protection	IP 55, Isol.-class. F
Efficiency class	IE1, efficiency 67 %
Rated speed	1 000 rpm
Type	V1 - Flange-Ø 200 mm
Motor protection switch	IP 55, with on/off switch
Emergency stop	For build up on motor switch
Connector cable	PUR-cable, 5 m long
Connector Plug	CEE16 with phase changing switch

Part No. 10-P7190552

2 IBC-Cap

Incl. radial shaft seal PTFE	
IBC-Cap with Flange DN150	Part No. 10-P9010212

3 Mixer shaft EHM BG80 PE

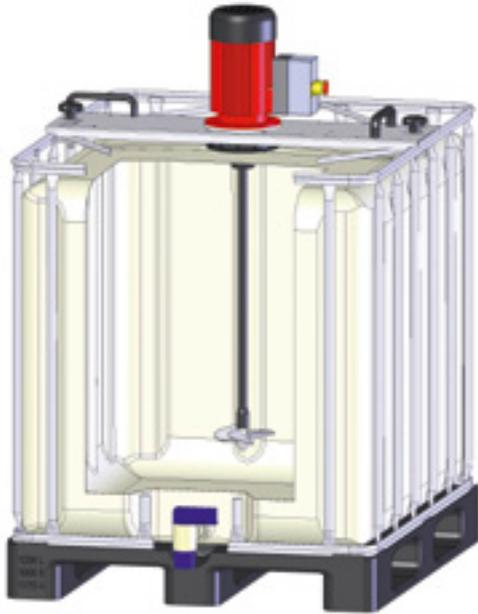
Material: Steel / PE-coating	
L 800 mm	Part No. 10-P2190800

4 Mixer blade DRK 175

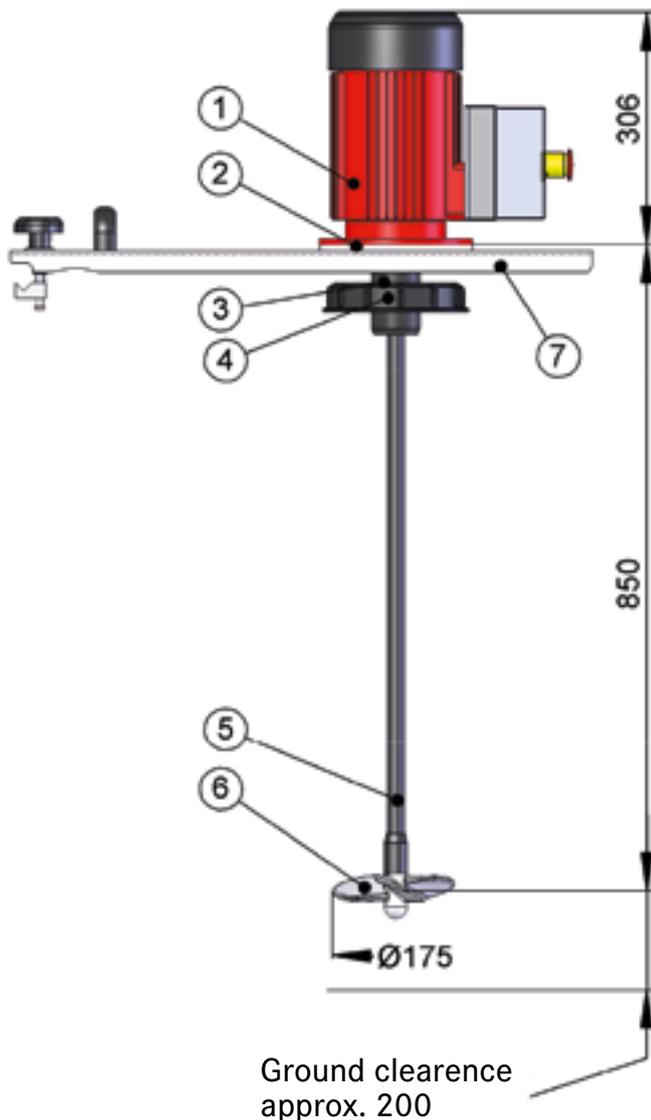
Ø 175 / 3 blade	
PP-GFV	Part No. 10-P6660175

IBC Mixer EHM 0.75/6-RT

For viscosity up to approx. 2 000 mPas



Dimensions (mm)



Ground clearance
approx. 200

For viscosity up to approx. 2 000 mPas

Circulation rate

Circulation rate approx. 2.6 m³/ min based on water

Weight

Assembly set Pos. 1 to 7 ~31.5 kg

Part No. 10-P0000003

Individual components

1 Motor BG90

Rated output	0.75 kW
Power supply	3~Phase, 50 Hz
Rated voltage	3 x 400 Volt
Current at rated voltage	Approx. 2.0 Amp.
Degree of protection	IP 55, Isol.-class. F
Efficiency class	IE3, efficiency 78.9 %
Rated speed	1 000 rpm
Type	V1 – Flange-Ø 200 mm
Motor protection switch (with on-/off-button)	On base plate on the side instead of terminal box
Connector cable	PUR-cable, 5 m long
Connector plug	CEE16, 400 V/16 A/3P+N+E with phase changing switch

Part No. 10-P7240752

2 Sealing flange EHM BG90

M58x2	
Material: PP	Part No. 10-P9020694

4 Radial shaft seal BG90

Material: PTFE	Part No. 10-P9020090
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3 Protective tube IBC M58x2

Length 110 x Ø 63 mm	
Material: PE	Part No. 10-P0004690

4 IBC-Cap DN150 protective tube

Material: PE	Part No. 10-P0004694
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5 Mixer shaft EHM BG80 PE

Material: Steel / PE-coating	
L 850 mm	Part No. 10-P2240850

6 Mixer blade DRK 175

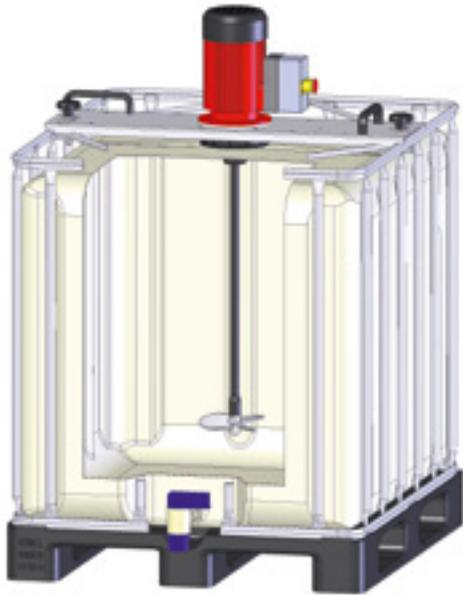
Ø 175 / 3 blades	
Material: PP-GFV	Part No. 10-P6660175

7 IBC-Traverse

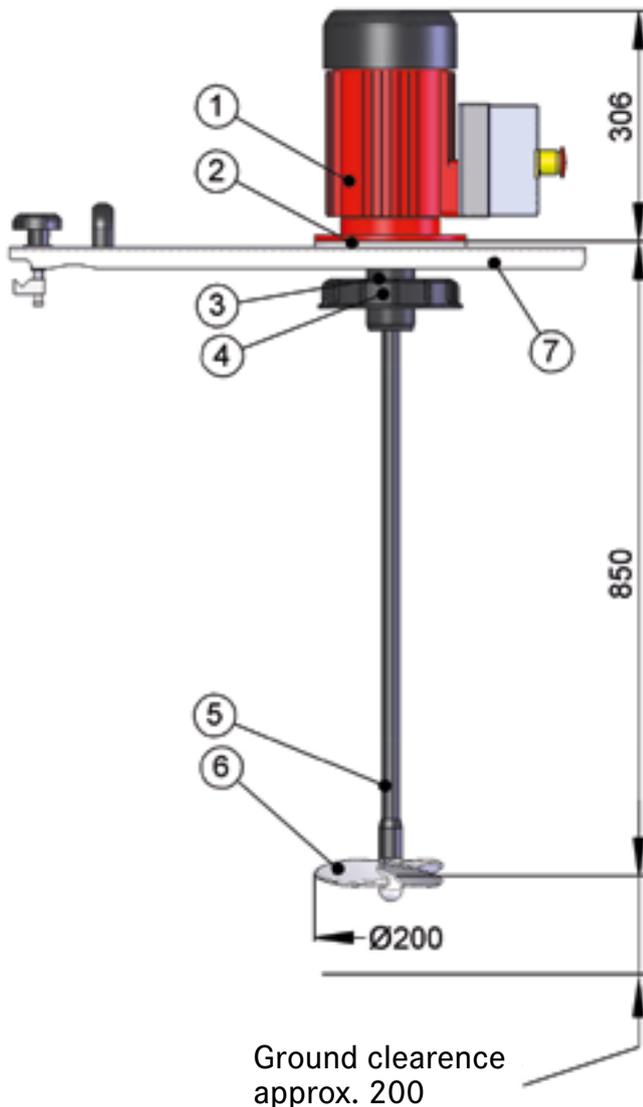
Fully assembled	Part No. 10-P9010222
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IBC Mixer EHM 1.1/6-RT

For viscosity up to approx. 2 500 mPas



Dimensions (mm)



Ground clearance
approx. 200

For viscosity up to approx. 2 500 mPas

Circulation rate

Circulation rate approx. 3.8 m³/ min based on water

Weight

Assembly set Pos. 1 to 7 ~ 34 kg

Part No. 10-P0000004

Individual components

1 Motor BG90

Rated output	1.1 kW
Power supply	3~Phase, 50 Hz
Rated voltage	3 x 400 Volt
Current at rated voltage	Approx. 2.7 Amp.
Degree of protection	IP 55, Isol.-class. F
Efficiency	IE3, efficiency 81 %
Rated speed	1 000 rpm
Type	V1 – Flange-Ø 200 mm
Motor protection switch (with on-/off-button)	On base plate on the side instead of terminal box
Connector cable	PUR-cable, 5 m long, 4 x 1.5 mm ²
Connector plug	CEE16, 400 V/16 A/3P+N+E with phase changing switch

Part No. 10-P7241102

2 Sealing flange EHM BG90

M58x2	
Material: PP	Part No. 10-P9020694

2 Radial shaft seal BG90

Material: PTFE	Part No. 10-P9020090
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3 Protective tube IBC M58x2

Length 110 x Ø 63 mm	
Material: PE	Part No. 10-P0004690

4 IBC-Cap DN150 protective tube

Material: PE	Part No. 10-P0004694
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5 Mixer shaft EHM BG80 PE

Material: Steel / PE-coating	
L 850 mm	Part No. 10-P2240850

6 Mixer blade DRK 200

Ø 175 / 3 blades	
Material: PP-GFV	Part No. 10-P6660200

7 IBC-Traverse

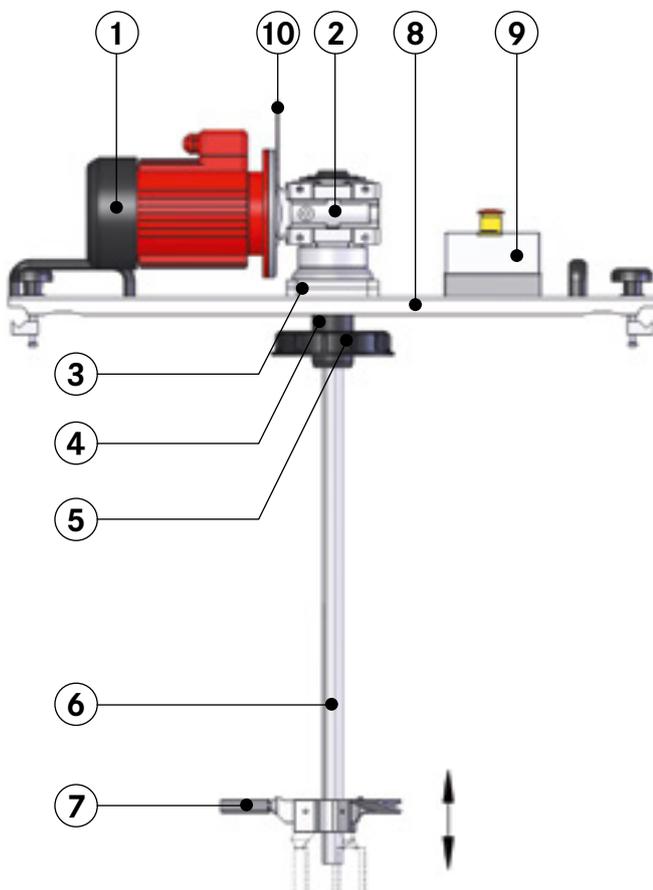
Fully assembled	Part No. 10-P9010222
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IBC Mixer ESM 0.75/133-RT

For viscosity up to approx. 6 000 mPas



Dimensions (mm)



For viscosity up to approx. 6 000 mPas

Weight

Assembly set Pos. 1 to 10 ~ 40 kg

Part No. 10-P0000005

Individual components

1 Motor BG90

Rated output	0.75 kW (IE3)
Power supply	3~Phase, 50 Hz 60 Hz
Rated voltage	/\ 230 V, Y380-400 V Y460-480 V
Current at rated voltage	/\ ~3.50 A, Y~2.00 A Y~2.00 A
Degree of protection	IP 55 (PTC-Sensor) / Isol.-class F
Rated speed	1 000 rpm 1 200 rpm
Part No. 10-P3240752	

2 Gear ESG63

Gear ratio	i = 7
Gearbox speed	133 rpm
Torque	~ 40 Nm
Part No. 10-P5063007	

3 Sealing flange ESG63 PP M58x2

With connecting thread M58x2 **Part No. 10-P9020051**

4 Radial shaft seal ESG63

Material: PTFE **Part No. 10-P9020003**

5 Protective tube IBC M58x2

Material: PE Length 110 mm **Part No. 10-P0004690**

6 IBC-Cap DN150 protective tube

Material: PE **Part No. 10-P0004694**

7 Mixer shaft ESG63

Ø 50 x 30 Material: Stainless steel 1.4435
L 900 mm **Part No. 10-P0630903**

8 Folding blade KLR3

Ø 400/ 3 blades **Part No. 10-P6370407**
Material: 1.4571 (Stainless steel)

9 IBC-Traverse

Fully assembled
RT 1000 **Part No. 10-P9010222**

10 Motor protection switch

Motor protection switch with emergency stop button,
5 m PUR-cable 4-core with CEE- plug assembled on traverse
Part No. 10-P9335051

IBC-Suspension lug

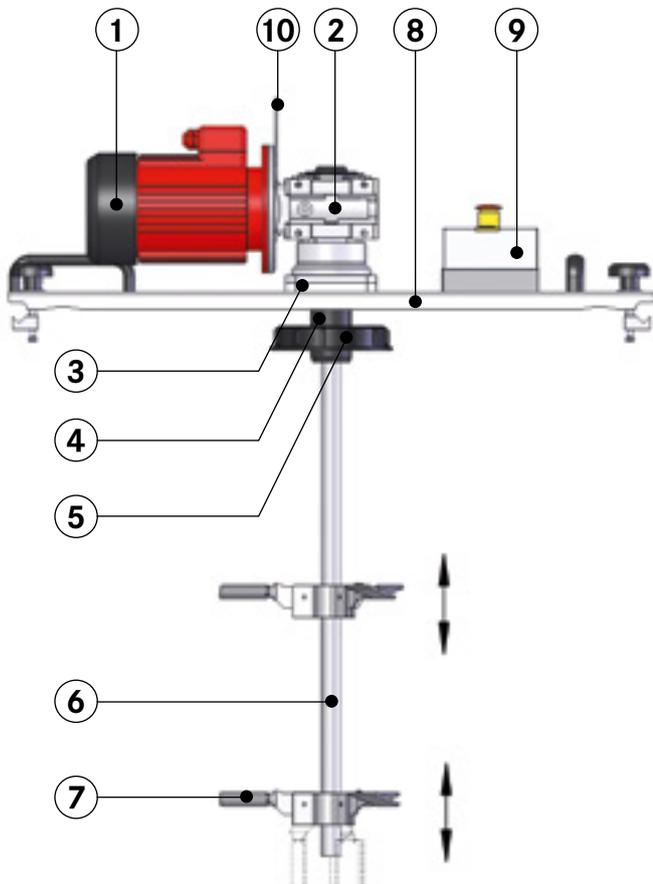
For Gear ESG63 **Part No. 10-5P0004625**

IBC Mixer ESM 1.5/70-RT

For viscosity up to approx. 12 000 mPas



Dimensions (mm)



For viscosity up to approx. 12 000 mPas

Weight

Assembly det Pos. 1 to 10	~ 44 kg
Part No. 10-P000002	

Individual components

1 Motor BG90

Rated output	1.5 kW (IE3)
Power supply	3~Phase, 50 Hz 60 Hz
Rated voltage	/\ 230 V, Y380-400 V Y460-480 V
Current at rated voltage	/\ ~5.80 A, Y~3.30 A Y~3.30 A
Degree of protection	IP 55 (PTC-Sensor) / Isol.-class F
Rated speed	1 500 rpm 1 800 rpm
Part No. 10-P3241503	

2 Gear ESG63

Gear ratio	i = 19
Gearbox speed	70 rpm
Torque	~ 150 Nm
Part No. 10-P5063020	

3 Sealing flange ESG63 PP M58x2

With connecting thread M58x2	Part No. 10-P9020051
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4 Radial shaft seal ESG63

Material: PTFE	Part No. 10-P9020003
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5 Protective tube IBC M58x2

Material: PE	
Length 110 mm	Part No. 10-P0004690

6 IBC-Cap DN150 protective tube

Material: PE	Part No. 10-P0004694
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7 Mixer shaft ESG63

Ø 50 x 30 Material: Stainless steel 1.4435	
L 900 mm	Part No. 10-P0630903

8 Folding blade KLR3

Ø 400/ 3 blades	Part No. 10-P6370407
Material: 1.4571 (Stainless steel)	

9 IBC-Traverse

Fully assembled	
RT 1000	Part No. 10-P9010222

10 Motor protection switch

Motor protection switch with emergency stop button, 5 m PUR-cable 4-core with CEE- plug assembled on traverse	
Part No. 10-P9335051	

IBC-Suspension lug

For Gear ESG 63	Part No. 10-P0004625
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A mixer for every application



You need a mixer for a special application? Contact us!

In addition to our standard mixer sets, we offer a wide range of customized mixer sets for your specific medium and container.

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More than just pumps

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Whether single-product or system solution – FLUX quality is synonymous with a long service life, excellent economy and maximum safety.

In addition to the excellent product quality FLUX customers appreciate the superb level of expertise our staff has to offer as well as their genuine customer focus.

These days FLUX-GERÄTE GMBH supplies pumps to almost 100 countries around the globe.