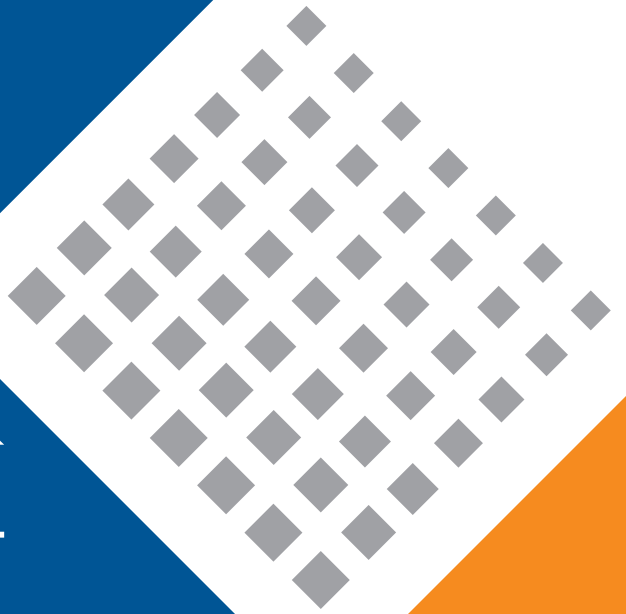


MIK[®]
INTERNATIONAL



v.v.m
tech trade

flex auger



company profile

Quality Made in Germany, individual service and fast delivery: stable fitters from all over the world rely on our products and our reliability.

As a system supplier and producer of feeding technology and barn equipment, we have convinced renowned international dealers within a very short time and made a name for ourselves among experts.

We benefit from our origins: V-V-M is based in the Oldenburg Münsterland, one of the strongest finishing regions in Europe. Our employees know what they are talking about, help you find ideal solutions for your projects and how a product can be specifically improved.

Our company, founded in 2005, has grown rapidly from the beginning and has developed into a respectable medium-sized company. The merger with Mawick allows us to respond even better to the needs of our customers and to continue to grow in a fast-moving industry.

MIK INTERNATIONAL is one of the leading manufacturers of plastic flooring systems, primarily for pig farming from farrowing to piglet rearing to fattening, but also flooring systems for sheep, goats, calves as well as poultry and rabbits are sold around the globe.

In addition to innovation, the name MIK stands for quality, durability and stability, and has done so for 55 years.

MIK INTERNATIONAL and V-V-M TechTrade - your partners for the future



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flex auger

basic components	p. 4
accessories	p. 20
spare parts	p. 22



basic components



20003-T

gear motor 0.37 kW

PX 01 3.93 FQ1 P71 B5 O57

- hollow shaft: 14 mm
- output shaft: 19 mm
- hole diameter on shaft: 6.5 mm
- 0.37 kW 4p 3ph T1, TS7124
- 50 Hz: 230/400 Volt, 1400 rpm
- 60 Hz: 277/480 Volt, 1750 rpm
- output shaft: 14 mm

Qty: 1 pcs.



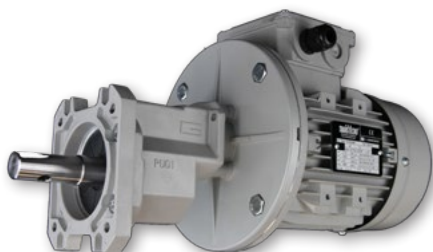
20004-T

gear motor 0.55 kW

PU 01 3.93 FQ1 P71 B5 O1

- hollow shaft: 14 mm
- output shaft: 22 mm
- hole diameter on shaft: 8.5 mm
- 0.55 kW 4p 3ph T1, TS7134
- 50 Hz: 230/400 Volt, 1400 rpm
- 60 Hz: 277/480 Volt, 1750 rpm
- output shaft: 14 mm

Qty: 1 pcs.



20005-T

gear motor 0.75 kW

PU 01 3.93 FQ1 P80 B5 O1

- hollow shaft: 19 mm
- output shaft: 22 mm
- hole diameter on shaft: 8.5 mm
- 0.75 kW B5 4p 3ph T1, TS8024
- 50 Hz: 230/400 Volt, 1400 rpm
- 60 Hz: 277/480 Volt, 1750 rpm
- output shaft: 19 mm

Qty: 1 pcs.

20005-T-I-4,75like 20005-T, but with a transmission of 4,75

20005-T-I-5,70like 20005-T, but with a transmission of 5,70

20005-T 1PH.....like 20005-T but with 1 phase



20010-T – 20015-T

gear motor

PU 01 3,93 FQ1 P90 B5 O1

- hollow shaft: 24 mm
- output shaft: 22 mm
- hole diameter on shaft: 8.5 mm
- 50 Hz: 230/400 Volt, 1400 rpm
- 60 Hz: 276/477 Volt, 1680 rpm
- output shaft: 24 mm

Qty: 1 pcs.

20010-T1.1 kW TS 90S4 B5 4p 3ph T1

20015-T1.5 kW 90L14 B5 4p 3pH T1



20019 – 20021

feeding control for spiral

engine control box consists of:

- motor protection relais
- manual off-switch
- reset function
- connection for 1 sensor
- and safety switch

Qty: 1 pcs.

20019.....engine control box 0.37 kW (1.0 - 1.6 A) for motor 0.37 kW

20020.....engine control box 0.75 kW (1.6 - 2.4 A) for motor 0.75 kW

20021.....engine control box 1.1 kW (2.5 - 4 A) for motor 1.1 kW and 1.5 kW



20028 – 20030

Feed control for spiral and chain

Motor control box for motor 0,75 kW (1,7 - 2,3 A)

consisting of:

- Motor protection relay
- Manual switch H-0-A
- Push-button for manual start
- reset function
- Connection for 1 sensor
- and safety switch
- Timer switch

PU: 1 pc

20028 for motor 0,75 kW (1,7 - 2,3 A)

20029 for motor 1,5 kW (3,1 - 4,2 A)

20030 for motor 2,2 kW (4,2 – 5,7 A)



20018 – 20024

feeding control for spiral engine control box, contains of:

- motor protection relays
- manual on/off switch
- switch for manual start
- reset function
- connection for 1 sensor and safety switch

Qty: 1 pcs.

20018..... for motor 0,75 kW and 1,5 kW (1,6 – 2,4 A)

20023.....for motor 1,1 kW und 1,5 kW (2,5-4 A)

20024.....for motor 2,2 kW (4,2 - 5,7 A)



20022-EU – 20027-EU

Switchbox cabinet, Tandem 230/400V

consisting of:

- 1x plastic casing with mounting plate
- 1x 0-1 switch
- 1x 1 start-switch
- motor-connection directly at the relays
- without time-limit-switch
- without mailfunction or operating alarm
- without time switch

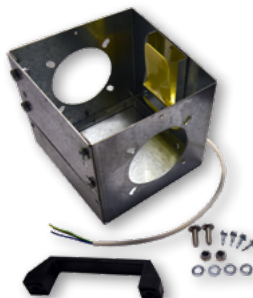
Qty: 1 pc.

20022-EU..... for 2 flex-augers in one line for 2 x 0,75kW motors
Spiral 2 starts by sensor in the hopper

20025-EU..... for 3 flex-augers in one line for 3 x 0,75kW motors
Spirals start by sensors in the hoppers

20026-EU..... for 2 flex-augers in one line for 2 x 1,50kW motors
Spirals start by sensors in the hoppers

20027-EU..... for 3 flex-augers in one line for 3 x 1,50kW motors
Spirals start by sensors in the hoppers



20035-A2

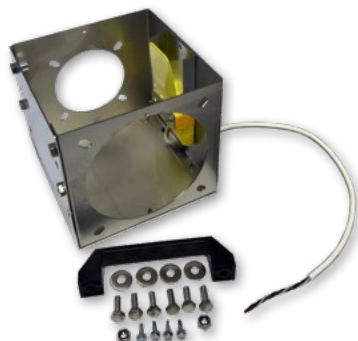
control unit, stainless steel

completely riveted, incl. safety end switch

- without outlet
- without pipe connection
- with screws

Qty: 1 pcs.

20035-A2-OS...: without safety end switch



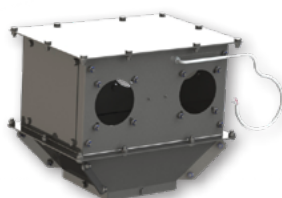
20035-A2-127ER

control unit for 127 mm, stainless steel
completely riveted, incl. safety end switch

- without outlet
- without pipe connection
- with screws

Qty: 1 pcs.

20035-A2-127ER-OS: without safety end switch



20040

Multiple box
Double spiral intake

Qty: 1 pc.



20041

Extension for multiple box
for 20040

Qty: 1 pc.



70075 – 70078

outlet for control unit
Ø 75 mm

- 70075.....color: blue; Qty: 54 pcs.
70076.....color: red; Qty: 54 pcs.
70077.....color: transparent; Qty: 54 pcs.
70078.....color: green; Qty: 42 pcs.



70071

outlet for control unit 20035-A2

- Ø 75 mm
- Material: stainless steel

Qty: 1 pcs.

70071-Sensor .like 70071, but with sensor opening



70079

outlet for control unit 20035-A2

Ø 101,6 mm outside

- Material: stainless steel

Qty: 1 pcs.

70079-Sensor like 70079, but with sensor opening



20067 – 20092

tube connection

incl. tube connection, motor shaft

- tube clamp and mounting bolts
- engine mounting 19 mm + 22 mm
- stainless steel

Qty: 1 pcs.

20067.....tube connection for 56 mm flex auger

20078.....tube connection for 75 mm flex auger

20083.....tube connection for 89/90 mm flex auger

20092.....tube connection for 127 mm flex auger



20533

transfer square to round

stainless steel

Qty: 1 pcs.



20533-Sensor

transfer square to round

stainless steel, with sensor opening

Qty: 1 pcs.



20534

cover for stainless steel hopper

with $\varnothing$ 150 mm socket

- material: stainless steel

Qty: 1 pcs.

20534-Schieber.... like 20534 with shutter and guide



20531

Double inlet for cover for hopper

for two 70 mm pipes

- $\varnothing$ 165 mm
- t: 1,5 mm
- suitable for cover $\varnothing$ 150 mm (10046)

VPE: 1 Stk.

20531..... fort two 70 mm pipes

20531-75... fort wo 75 mm pipes



20532

Single inlet for cover for hopper

- $\varnothing$ 165 mm
- t: 1,5 mm
- suitable for cover $\varnothing$ 150 mm (10046)

Qty: 1 pc.

20532-70... for one 70 mm pipe

20532-75... for one 75 mm pipe

20532-80... for one 80 mm pipe

20532-85... for one 85 mm pipe

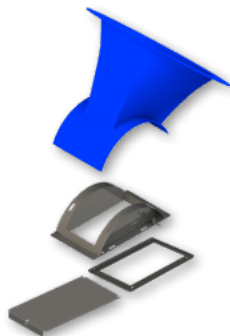


20530

Clamping ring 2 mm

- 2 parts, galvanized
- $\varnothing$ 150 mm

Qty: 1 pcs.



20998

silo connection 0° – 45°

- material: GRP, SST
- inner Ø440mm, outer Ø 560mm
- plastic shutter guide and shutter
- color: blue

Qty: 1 pcs.

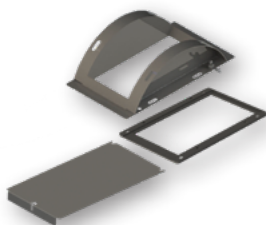


20997

silo adapter, infinitely adjustable

- Ø 440 mm on the inside, 560 mm on the outside
- color: blue

Qty: 1 pcs.



20999-KOMPLETT

transition for silo connection 0° - 45°

- material: SST
- with shutter and guide

Qty: 1 pc.



22030 und 22031

flange ring for silo adapter

- ø560 outer flange diameter
- galvanized

Qty: 1 pc.

22030outer ring diameter Ø: 420 mm

22031outer ring diameter Ø: 440 mm



21000 – 21013

silo adapter Ø 440 mm outside diameter

- 21000.....color: blue
- 21005.....color: red
- 21010.....color: black
- 21012.....color: transparent
- 21013.....color: green

Qty: 20 pcs.



21014

quadruple boot

- inclination 15°
- color: black

Qty: 1 pcs.



21015 – 21027

transition set with shutter

incl. set of screws 0° or 30°

- material: stainless steel

Qty: 20 pcs.

21015.....color: blue

21020.....color: black

21025.....color: red

21027.....color: green

extra charge for divided slider



21090

central separation

for double hopper

- incl. 2 shutter

Qty: 1 pc.



21031 – 21051

hopper

with one shaft with ball bearing

- material: stainless steel

Qty: 1 pcs.

21031.....for 56 mm flex auger

21041.....for 75 mm flex auger

21046.....for 89 mm flex auger

21051.....for 127 mm flex auger



21032 – 21052

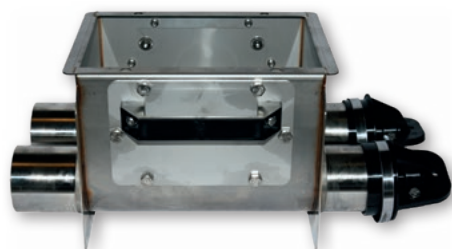
hopper

without shaft

- material: stainless steel

Qty: 1 pcs.

21032.....for 56 mm flex auger
21042.....for 75 mm flex auger
21047.....for 89 mm flex auger
21052.....for 127 mm flex auger



21056 – 21071

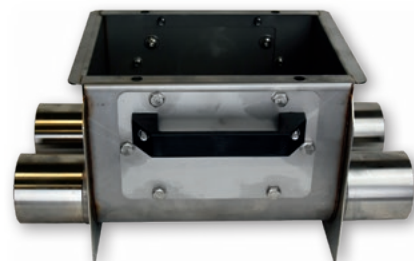
double hopper

with two shafts with ball bearing

- material: stainless steel

Qty: 1 pcs.

21056.....for 56 mm flex auger
21066.....for 75 mm flex auger
21071.....for 89 mm flex auger



21057 – 21072

double hopper

without shafts

- material: stainless steel

Qty: 1 pcs.

21057.....for 56 mm flex auger
21067.....for 75 mm flex auger
21072.....for 89 mm flex auger

extra charge for separation plate



27239 und 27244

End bearing for tandem system

incl. hose clamp

Qty: 1 pc.

27239end bearing 75 mm
27244end bearing 89 mm



27264

End bearing 127 mm

f. receiving hopper 127 mm

- with motor plate
- with reduction
- Material: stainless steel

Qty: 1 pc.



95110 – 95112

Reducing tube for a tandem in line

length: 3000 mm

Qty: 1 pc.

95110... tube 32 x 1,2 mm, model 75 mm

95111... tube 42,4 x 2,0 mm, model 89 mm

95112... tube 60 x 1,25 mm, model 127 mm



95116 – 95118

Pipe connector Tandem

Qty: 1 pc.

95116 75 Ø Tandem for tube Ø 32 x 1.2 mm

95117 89 Ø Tandem for tube Ø 40 x 1 mm

95118 127 Ø Tandem for tube Ø 60 x 1,25 mm



95121 – 95123

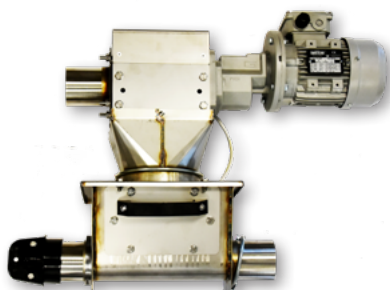
Pipe end-cap Tandem

Qty: 1 pc.

95121 75 Ø Tandem for tube 32 x 1,2 mm

95122 89 Ø Tandem for tube Ø40 x 1 mm

95123 127 Ø Tandem for tube Ø60 x 1,25 mm



20507, 20510, 20513, 20516

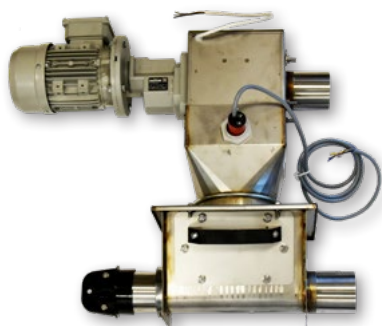
Transfer unit Ø56/75/89/127 mm spiral
with mechanical sensor

consisting of:

- Motor 0.37 kW
- Pipe connection set
- hopper
- Control unit A2
- Transfer V2A angular to round
- Cover w. pipe socket ø=150mm
- Clamping ring

Qty: 1 pc.

20507with Motor and hopper 56 mm
 20510with Motor 0,75 kW and hopper 75 mm
 20513with Motor 0,75 kW and hopper 89 mm
 20516with Motor 1,50 kW and hopper 127 mm



20508, 20511, 20514, 20517

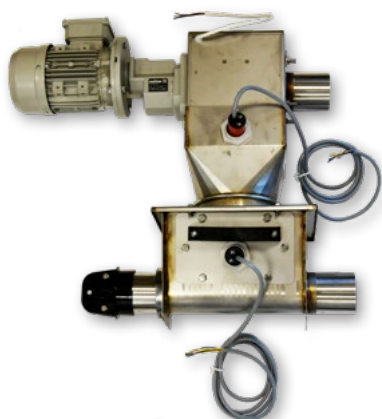
Transfer unit Ø56/75/89/127 mm spiral
with mechanical sensor and inductive sensor for switching off

consisting of:

- Motor
- Pipe connection set
- hopper
- Control unit A2
- Transfer V2A angular to round
- Cable gland
- Sensor
- Cover w. pipe socket ø=150mm
- Clamping ring

Qty: 1 pc.

20508with motor 0,37 kW and hopper 56 mm
 20511with motor 0,75 kW and hopper 75 mm
 20514with motor 0,75 kW and hopper 89 mm
 20517with motor 1,50 kW and hopper 127 mm



20509, 20512, 20115, 20518

Transfer unit Ø 56/75/89/127 mm spiral

with mechanical sensor, inductive sensor for switching off and start sensor in the mounting box

consisting of:

- Motor
- Pipe connection set
- hopper
- Control unit A2
- Transfer V2A square to round
- Cable gland
- 2 x sensor
- Cover w. pipe socket ø=150mm
- Clamping ring

Qty: 1 pc.

20509with motor 0,37 kW and hopper 56 mm

20512with motor 0,75 kW and hopper 75 mm

20515with motor 0,75 kW and hopper 89 mm

20518with motor 1,50 kW and hopper 127 mm



21130

agitator ball ø 80mm

- material: cast iron

Qty: 1 pcs.



21131

anti feedbridging rod

- material: cast iron

Qty: 1 pcs.



22005

flex auger 55 mm

- outer-ø: 38.35 mm
- inner-ø: 22.35 mm
- distance: 31.5 mm
- material 8 x 3.85 mm

Qty: 100 mtr.



22015

flex auger 75 mm

- outer-ø: 60.58 mm
- inner-ø: 36.58 mm
- distance: 41.4 mm
- material 12 x 4.00 mm

Qty: 100 mtr.

22015-61MTR.Qty: 61 mtr.



22020

flex auger 89 mm

- outer-ø: 68.50 mm
- inner-ø: 44.50 mm
- distance: 50.00 mm
- material 12 x 4.00 mm

Qty: 100 mtr.



22025

flex auger 125 mm

- outer-ø: 95.00 mm
- inner-ø: 67.00 mm
- distance: 66.00 mm
- material 14 x 5.20 mm

Qty: 100 mtr.



23000 – 23015

flex-Auger-pipe with clamping slot

- length: 3,000 mm
- color: white

23000.....56 x 2.5 mm; Qty: 75 pcs
23005.....75 x 3.25 mm; Qty: 50 pcs.
23010.....89 x 3.5 mm; Qty: 50 pcs.
23015.....127 x 5.0 mm; Qty: 40 pcs.



23040 – 23055

flex auger elbow 45°

- with clamping slot
- color: white

23040.....56 x 2.5 mm, length: 1.230 mm; Qty: 75 pcs.
23045.....75 x 4.0 mm, length: 1.280 mm; Qty: 70 pcs.
23050.....89 x 4.0 mm, length: 1.320 mm; Qty: 70 pcs.
23055.....127 x 4.0 mm, length: 1.440 mm; Qty: 30 pcs.



23046 – 23052

flex auger elbow PE

- without clamping slot
- color: white

Qty: 70 pcs.

23046.....75 x 4,0 mm, length: 1.280 mm - 40°
23052.....89 x 3,25 mm, length 1.326 mm- 37°



29901 und 29900

**metal pipe
galvanized**

Qty: 1 pc.

29901Ø 75 x 3,2; 45°, R1500
29900Ø 89 x 3,2; 45°; R1700



23111 – 23121

**Metal sleeve 4 holes
galvanised**

Qty: 1 pc.

23111Ø 75 mm
23116Ø 89 mm
23121Ø 127 mm



23100 - 23120

flex auger pipe connector

- material: PVC

23100.....Ø 56 mm, Qty: 100 pcs.
23110.....Ø 75 mm, Qty: 126 pcs.
23115.....Ø 89 mm, Qty: 96 pcs.
23120.....Ø 127 mm, Qty: 10 pcs.



23125

Flex hose ø75

Inner Ø: 75 mm, outer Ø: approx. 83 mm

microbe-proof, food-safe & hydrolysis-proof

Qty: 10 metres



23205 - 23225

u-bolt pipe clamp

- for flex auger pipes
- galvanized

23205.....ø 62 mm for 56 mm flex auger pipe; Qty: 150 pcs.
23210.....ø 70 mm for 60 mm flex auger pipe; Qty: 100 pcs.
23215.....ø 82 mm for 75 mm flex auger pipe; Qty: 100 pcs.
23220.....ø 97 mm for 89 mm flex auger pipe; Qty: 80 pcs.
23225.....ø 138 mm for 127 mm flex auger pipe; Qty: 50 pcs.



24000 - 24020

outlet for flex auger

- with shut-off valve
- color: red

24000.....for 56 mm flex auger, Qty: 50 pcs.
 matching tubes: 25005, 25105, 25235
24005.....for 60 mm flex auger, Qty: 50 pcs.
 matching tubes: 25005, 25105, 25235
24010.....for 75 mm flex auger, Qty: 50 pcs.
 matching tubes: 25010, 25120, 25250
24015.....for 89 mm flex auger, Qty: 50 pcs.
 matching tubes: 25015, 25125, 25255
24020.....for 127 mm flex auger, Qty: 30 pcs.
 matching tubes: 25020, 25130, 25260



24025 - 24030

outlet for flex auger

- with shut-off valve
- color: blue

Qty: 1 pcs.

24025.....for 75 mm flex auger
24030.....for 89 mm flex auger



70180 - 70182

cover for outlet for flex auger

color: blue

Qty: 24 pcs.

70180 for outlet for flex auger Ø 75 mm
70182 for outlet for flex auger Ø 89 mm



25005 - 5020

transparent telescopic pipe

for dry feeding

- with tubelock 2 x 1 mtr.

25005.....drop tube 60 mm, telescopic pipe 65 mm, Qty: 130 pcs.
25010.....drop tube 70 mm, telescopic pipe 75 mm, Qty: 120 pcs.
25015.....drop tube 75 mm, telescopic pipe 80 mm, Qty: 100 pcs.
25020.....drop tube 80 mm, telescopic pipe 85 mm, Qty: 90 pcs.



25105 - 25135

transparent drop tube

for dry feeding

- 1 x 1 mtr.

25105.....Ø 60 mm, Qty: 289 pcs.
25115.....Ø 65 mm, Qty: 233 pcs.
25120.....Ø 70 mm, Qty: 210 pcs.
25125.....Ø 75 mm, Qty: 189 pcs.
25130.....Ø 80 mm, Qty: 162 pcs.
25135.....Ø 85 mm, Qty: 144 pcs.



25235 - 25265

transparent drop tube

for dry feeding

- 1 x 3 mtr.

25235.....Ø 60 mm, Qty: 100 pcs.
25245.....Ø 65 mm, Qty: 100 pcs.
25250.....Ø 70 mm, Qty: 100 pcs.
25255.....Ø 75 mm, Qty: 100 pcs.
25260.....Ø 80 mm, Qty: 100 pcs.
25265.....Ø 85 mm, Qty: 80 pcs.

accessories



26000

ceiling hook, galvanized

- thread: 8 mm
- thread length: 45 mm
- total length: 170 mm
- hook diameter: 24 mm

Qty: 100 pcs.

26000-160material: stainless steel



26002

ceiling hook Ø 6 mm

- length: 100 mm
- material: stainless steel

Qty: 100 pcs.



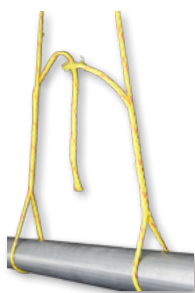
26006 - 26008

chain 3 mm

DIN 5685B

26006.....material: galvanized; Qty: 30 mtr

26008.....material: stainless steel; Qty: 100 mtr



26009

nylon rope Ø 6 mm

for ceiling suspension of the chain conveyor

- rot resistant and resilient

Qty: 200 mtr.



10180

Clamps for wire rope

for 3mm rope, stainless steel

Qty: 50 pcs.

100179 for 5 mm rope, galvanised; Qty: 100 pcs.



26010 - 26011

s-hook 3 mm

- symmetrical

Qty: 100 pcs.

26010.....material: galvanized

26011.....material: stainless steel



14000

ceiling suspension for chain conveyor

for ceilings with wooden supports every 2,5 mtr.

consists of:

- 1 x ceiling hook SST
- 2 mtr. nylon rope

Qty: 100 pcs.



14003

ceiling suspension for chain conveyor

for ceilings with wooden supports every 2,5 mtr.

consists of:

- 1 x ceiling hook SST
- 1 x s-hook
- 3 mtr. chain 3mm

packing unit: 10 sets

spare parts



20003-TM

motor 0.37 kW

- 0.37 kW 4p 3ph T1, TS7124
- 50 Hz: 230/400 Volt, 1400 rpm
- 60 Hz: 277/480 Volt, 1750 rpm
- output shaft 14 mm

Qty: 1 pcs.



20004-TM

motor 0.55 kW

- 0.55 kW 4p 3ph T1, TS7134
- 50 Hz: 230/400 Volt, 1400 rpm
- 60 Hz: 277/480 Volt, 1750 rpm
- output shaft: 14 mm

Qty: 1 pcs.



20005-TM

motor 0.75 kW

- 0.75 kW B5 4p 3ph T1, TS8024
- 50 Hz: 230/400 Volt, 1400 rpm
- 60 Hz: 277/480 Volt, 1750 rpm
- output shaft: 19 mm

Qty: 1 pcs

20005-TM-1PH: like 20005-TM but for one phase



20010-TM

motor 1.1 kW

- 1.1 kW TS 90S4 B5 4p 3ph T1
- 50 Hz: 230/400 Volt, 1400 rpm
- 60 Hz: 276/477 Volt, 1680 rpm
- output shaft: 24 mm

Qty: 1 pcs.



20015-TM

motor 1.5 kW

- 1.5 kW 90L14 B5 4p 3pH T1
- 50 Hz: 230/400 Volt, 1400 rpm
- 60 Hz: 277/480 Volt, 1750 rpm
- output shaft: 24 mm

Qty: 1 pcs.



20003-TG

gear

PX 01 3.93 FQ1 P71 B5 O57

- hollow shaft: 14 mm
- output shaft: 19 mm
- hole diameter on shaft: 6.5 mm

Qty: 1 pcs.



20005-TG

gear

PU 01 3.93 FQ1 P80 B5 O1

- hollow shaft: 19 mm
- output shaft: 22 mm
- hole diameter on shaft: 8.5 mm

Qty: 1 pcs.

20005-TG-I-4,75 PU 01 4,75 FQ1 P80 B5 O1

20005-TG-I-5,70 PU 01 5,70 FQ1 P80 B5 O1



20010-TG

gear

PU 01 3.93 FQ1 P90 B5 O1

- hollow shaft: 24 mm
- output shaft: 22 mm
- hole diameter on shaft: 8.5 mm

Qty: 1 pcs.



18112 - 18113

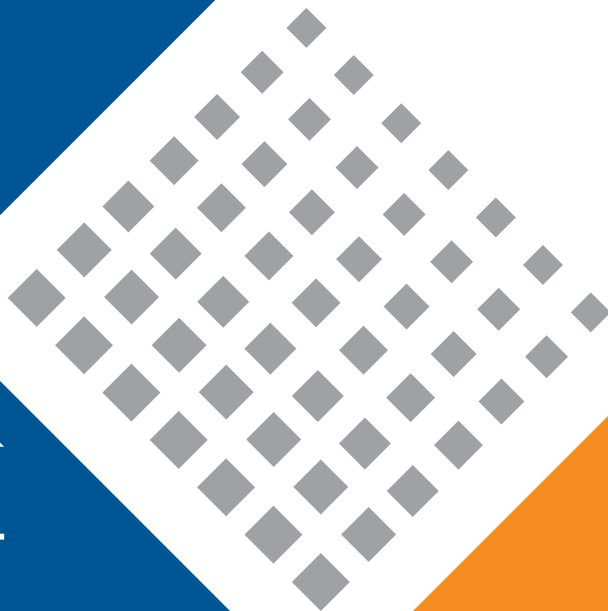
connector

18112.....19 mm / 24 mm, Qty: 1 pcs.

18113.....24 mm / 28 mm, Qty: 1 pcs.

MIK[®]

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