



GEA Hilge ATO Program



What is the GEA Hilge ATO program?

ATO means assembly to order and on the following pages you can find our defined pump program with optimized delivery times.

All components are available from stock and only need to be assembled according to your order. You benefit from fast delivery.

For further information please get in contact with our regional pump experts:

- DACH-EE-NCE.Hilge@gea.com
- WE-MEA-LAM.Hilge@gea.com
- NAM.Hilge@gea.com
- APAC.Hilge@gea.com



ATO
Fast delivery

GEA Hilge HYGIA

Single-stage centrifugal pump



Motor*

Type	Voltage / Frequency	Power
2 Pole	3×380–660V / 400–690V (50 Hz)	HYGIA I: 1.1–5.5 kW
IE3, IP55, Iso-F	3×460V (60 Hz)	HYGIA II: 3.0–18.5 kW

* Pumps are fitted with motor of a brand of our choice

Available ATO Executions / Configurations

Sizes

HYGIA I HYGIA II

Impeller

Semi-open

Material liquid contact parts

316L (1.4404 / 1.4435)

Elastomer

EPDM, FKM

Connection options

Threads DIN 11851

Threads SMS (International)

Clamp DIN 32676 for pipe acc. to DIN 11866 range C (ASME/OD)

Flanges DIN 11864-2, row A, form A

Flanges APV FN1 (PN 10)

Connection sizes

HYGIA Size	DIN	ASME
HYGIA I	DN 40/40	1 ½"-1 ½"
	DN 50/50	2"-2"
HYGIA II	DN 65/65	2 ½"-2 ½"
	DN 80/80	3"-3"
	DN 100/100	4"-4"

Available ATO Executions / Configurations

Surface roughness liquid contact parts

Hygiene standard $R_a \leq 3.2 \mu\text{m}$

Increased hygiene standard $R_a \leq 0.8 \mu\text{m}^{3)}$

Mechanical seal execution

Single mechanical seal

Single mechanical seal, flushed (quench)²⁾

Mechanical seal materials¹⁾

Carbon / Stainless Steel / EPDM – Open spring defined direction

Carbon / Stainless Steel / FKM – Open spring defined direction

Carbon / Stainless Steel / EPDM – Spring loaded (vacuum operation)

Carbon / Stainless Steel / FKM – Spring loaded (vacuum operation)

SIC / SIC / EPDM – Open spring defined direction

SIC / SIC / FKM – Open spring defined direction

Carbon / Stainless Steel / EPDM – Encapsulated bi-directional

Carbon / Stainless Steel / FKM – Encapsulated bi-directional

SIC / SIC / EPDM – Encapsulated bi-directional

SIC / SIC / FKM – Encapsulated bi-directional

Design

K: Pump in bloc execution with plug-in shaft

Adapta: Pump in bloc execution with bearing bracket and standard motor

Execution SUPER: Motor with stainless steel shroud

Mounting

Design K and Adapta	Execution SUPER
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Motor foot	Combi foot
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Cast iron foot	Machine pads
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Combi foot

Machine pads

Motor Color

RAL 9005

Lantern

HYGIA K: Stainless steel (cast)

HYGIA Adapta: Cast iron

Casing

KLM (casing clamp ring)

Documentation

Operating manual

Declaration of CE conformity

Pump test report

¹⁾ The elastomer of static seals are equal to the elastomer of the chosen mechanical seal

²⁾ Only for HYGIA K

³⁾ Only in combination with connections flange acc.to DIN 11864-2, row A, form A and clamp acc. to DIN 32676, row C

GEA Hilge TP

Single-stage
centrifugal pump



Motor*

Type	Voltage / Frequency	Power
2 Pole IE3, IP55, Iso-F	3×220/380V – 415/720V (50 Hz)	0.75–37 kW**
	3×400/690V (50 Hz)	7.5 and 15 kW
	3×265/460 V – 460/800 V(60 Hz)	0.75–37 kW

* Pumps are fitted with motor of a brand of our choice

** Except 7.5 and 15 kW

Available ATO Executions / Configurations

Sizes

TP 1020 TP 1540 TP 2030 TP 2050 TP 2575 TP 3050 TP 5060 TP 7060 TP 8050 TP 8080

Impeller

Semi-open

Material liquid contact parts

316L (1.4404)

Elastomer

EPDM, FKM

Connection options

Threads DIN 11851

Flange DIN 11864-2 row A, form A

Threads SMS (International)

Connection sizes

TP Size	DIN	ASME	TP Size	DIN	ASME
TP 1020	DN 50/40	2"-1 ½"	TP 3050	DN 65/50-80/65	2 ½"-2" / 3"-2 ½"
TP 1540	DN 65/40	2 ½"-1 ½"	TP 5060	DN 80/65	3"-2 ½"
TP 2030	DN 50/40-65/50	2"-1 ½" / 2 ½"-2"	TP 7060	DN 80/80	3"-3"
TP 2050	DN 65/50	2 ½"-2"	TP 8050	DN 100/65-100/80	4"-2 ½" / 4"-3"
TP 2575	DN 65/50	2 ½"-2"	TP 8080	DN 100/80	4"-3"

Surface roughness liquid contact partsHygiene standard $R_a \leq 3.2 \mu\text{m}$ **Mechanical seal execution**

Single mechanical seal

Single mechanical seal, flushed (quench)

Double mechanical seal, flushed (face-to-face)

Mechanical seal materials**

Carbon / SiC / EPDM

SiC / SiC / EPDM

Carbon / SiC / FKM

SiC / SiC / FKM

Design

Pump with plug-in shaft

Execution SUPER: Motor with stainless steel shroud

Mounting

Stainless steel adjustable feet

Motor Color

RAL 9005

Lantern

Cast iron

Documentation

Operating manual

Declaration of CE conformity

Pump test report

 ** The elastomer of static seals are equal to the elastomer of the chosen mechanical seal

GEA Hilge CONTRA

Single or multi-stage
centrifugal pump



Motor*

Type	Voltage / Frequency	Power
2 Pole	3×380–660V / 400–690V (50 Hz)	CONTRA I: 1.1–5.5 kW
IE3, IP55, Iso-F	3×460V (60 Hz)	CONTRA II: 4.0–18.5 kW

* Pumps are fitted with motor of a brand of our choice

Available ATO Executions / Configurations

Sizes

CONTRA I CONTRA II

Impeller

Semi-open

Material liquid contact parts

316L (1.4404 / 1.4435)

Elastomer

EPDM / FKM

Connection options¹⁾

Threads DIN 11851

Clamp DIN 32676 for pipe acc. to DIN 11866, range C (ASME/OD)

Flanges DIN 11864-2, row A, form A

Flanges APV FN1 (PN 10)

Connection sizes

CONTRA Size	DIN	ASME
CONTRA I	DN 40/25	1 ½"-1"
	DN 40/40	1 ½"-1 ½"
CONTRA II	DN 50/50	2"-2"
	DN 65/65	2 ½"-2 ½"

Surface roughness liquid contact partsHygiene standard $R_a \leq 3.2 \mu\text{m}$ **Mechanical seal execution**

Single mechanical seal

Mechanical seal materials²⁾

CONTRA Size	Material
CONTRA I	Carbon / Stainless Steel / EPDM – Open spring defined direction
	Carbon / Stainless Steel / FKM – Open spring defined direction
	SIC / SIC / EPDM – Open spring defined direction
	SIC / SIC / FKM – Open spring defined direction
CONTRA I + II	SIC / SIC / EPDM – Encapsulated spring bi-directional
	SIC / SIC / FKM – Encapsulated spring bi-directional

Design

Adapta: Pump in bloc execution with bearing bracket and standard motor

Execution SUPER: Motor with stainless steel shroud

Mounting

Design Adapta Execution SUPER

Combi foot Combi foot

Cast iron foot

Motor Color

RAL 9005

Lantern

Cast iron

Documentation

Operating manual

Declaration of CE conformity

Pump test report

¹⁾ Caution: Availability depending on system pressure!²⁾ The elastomer of static seals are equal to the elastomer of the chosen mechanical seal

GEA Hilge SIPLA

Single-stage
side-channel pump



Motor*

Type	Voltage / Frequency	Power
4 Pole IE3, IP55, Iso-F	3×400V (50 Hz)	1.5–7.5 kW

* Pumps are fitted with motor of a brand of our choice

Available ATO Executions / Configurations

Sizes

SIPLA 6.1	SIPLA 12.1	SIPLA 18.1	SIPLA 28.1	SIPLA 52.1
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Impeller

Star impeller

Material liquid contact parts

Impeller and pump casing 316L (1.4404)

Elastomer

EPDM / FKM

Connection options

Threads DIN 11851

Connection sizes

SIPLA Size	DIN
SIPLA 6.1	DN 40/40
SIPLA 12.1	DN 40/40
SIPLA 18.1	DN 50/50
SIPLA 28.1	DN 65/65
SIPLA 52.1	DN 65/65

Surface roughness liquid contact partsHygiene standard $R_a \leq 3.2 \mu\text{m}$ **Mechanical seal execution**

Single mechanical seal

Single mechanical seal, flushed (quench)

Mechanical seal materials**

Carbon / Stainless Steel / EPDM – Encapsulated bi-directional

Carbon / Stainless Steel / FKM – Encapsulated bi-directional

SiC / SiC / EPDM – Encapsulated bi-directional

SiC / SiC / FKM – Encapsulated bi-directional

Design

Bloc: Pump in bloc execution with extended shaft

Execution SUPER: Motor with stainless steel shroud

Mounting

Design bloc: Motor foot

Execution SUPER: Combi foot

Motor Color

RAL 9005

Latern

Cast iron

Documentation

Operating manual

Declaration of CE conformity

Pump test report

 ** The elastomer of static seals are equal to the elastomer of the chosen mechanical seal

GEA Hilge TPS

Single stage
centrifugal pump



Motor*

Type	Voltage / Frequency	Power
2 Pole IE3, IP55, Iso-F	3×220/380 V – 415/720 V (50 Hz)	0.75–37 kW**
	3×400/690 V (50 Hz)	7.5 and 15 kW
	3×266/460 V; 460/800 V (60 Hz)	0.75–37 kW

* Pumps are fitted with motor of a brand of our choice

** Except 7.5 and 15 kW

Available ATO Executions / Configurations

Sizes

TPS 2030 TPS 3050

Impeller

Semi-open

Material liquid contact parts

316L (1.4404)

Elastomer

EPDM / FKM

Connection options

Flange acc. to DIN 11864-2 row A, form A

Threads SMS (International)

Threads DIN 11851

Connection sizes

TPS Size	DIN	ASME
TPS 2030	DN 65/40	2 ½"-1 ½"
TPS 3050	DN 65/50	2 ½"-2"

Surface roughness liquid contact parts

Hygiene standard $R_a \leq 3.2 \mu\text{m}$

Mechanical seal execution

Single mechanical seal

Single mechanical seal, flushed (quench)

Double mechanical seal, flushed (face-to-face)

Mechanical seal materials**

Carbon / SiC / EPDM

SiC / SiC / EPDM

Carbon / SiC / FKM

SiC / SiC / FKM

Design

Pump with plug-in shaft

Execution SUPER: Motor with stainless steel shroud

Mounting

Stainless steel adjustable feet

Motor Color

RAL 9005

Lantern

Cast iron

Documentation

Operating manual

Declaration of CE conformity

Pump test report

** The elastomer of static seals are equal to the elastomer of the chosen mechanical seal

GEA Hilge DURIETTA

Single stage
centrifugal pump



Motor*

Type	Voltage / Frequency	Power
IE3, IP55, Iso-F	3×220–240V (50 Hz) 3×460V (60 Hz)	DURIETTA 0: 0.25 kW 4-pole and 0.55–2.2 kW 2-pole
	3×230–400V (50 Hz)	DURIETTA I: 0.75–1.1 kW 2-pole

* Pumps are fitted with motor of a brand of our choice

Available ATO Executions / Configurations

Sizes

DURIETTA 0 DURIETTA I

Impeller

Semi-open

Material liquid contact parts

316L (1.4404)

Elastomer

EPDM / FKM

Connection optionsDURIETTA 0 Threads SMS (international)
 Threads DIN 11851

DURIETTA I Flanges EN 1092-1 (PN 10)

Connection sizes

DURIETTA Size DIN

DURIETTA 0 DN 32/25
 DN 25/25DURIETTA I DN 40/25
 DN 25/25**Surface roughness liquid contact parts**Hygiene standard $R_a \leq 3.2 \mu\text{m}$ **Mechanical seal execution**

Single mechanical seal

Mechanical seal materials**

Carbon / Stainless Steel / EPDM – Open spring

Carbon / Stainless Steel / FKM – Open spring

SiC / SiC / EPDM – Open spring

SiC / SiC / FKM – Open spring

DesignDURIETTA 0 Design K: Pump in bloc execution with plug-in shaft
 Execution SUPER: Motor with stainless steel shroud

DURIETTA I Design bloc: Pump in bloc execution with extended shaft

Mounting

K and bloc Execution SUPER

Machine pads Machine pads

Motor foot

Motor Color

RAL 9005

Lantern

DURIETTA 0: 316L (1.4404)

DURIETTA I: Cast Iron

Documentation

Operating manual

Declaration of CE conformity

Pump test report

 ** The elastomer of static seals are equal to the elastomer of the chosen mechanical seal

GEA Hilge
Niederlassung der GEA Tuchenhagen GmbH
Hilgestraße 37 – 47,
55294 Bodenheim, Germany

Tel +49 6135 7016-0
Fax +49 6135 1737
gea.com/contact