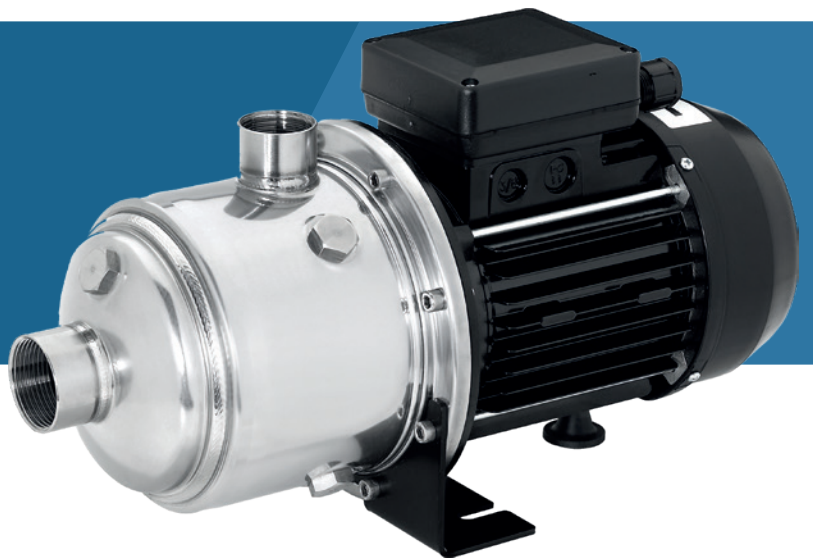




# **EHsp SERIES**

**Horizontal Multistage Self Priming Pumps**



# EHsp – HORIZONTAL MULTISTAGE SELF PRIMING PUMPS

**NEW SELF PRIMING PUMP COMPLETELY IN STAINLESS STEEL**  
**Advanced technology in performance and reliability**

## FEATURES

EHsp is the first horizontal multistage self priming pump completely in stainless steel AISI304 with elastic valve

Max suction lift capacity up to 7 m in less than 5 min

Pump range: EHsp 3 - 5

Compact close-coupled design, robust and corrosion resistant

Floating neck ring in PPS

Mechanical seal carbon/ceramic/EPDM - Type E0

## SPECIFICATIONS

**Capacity:** up to 8 m<sup>3</sup>/h at 50 Hz

**Heads:** up to 56 m at 50 Hz

**Suction inlet:** Rp 1 1/4"

**Discharge outlet:** Rp 1"

**Liquid temperature:** 0 °C up +35 °C

**Maximum ambient temperature:** 40 °C

**Available only with single phase motors:** 220-240 V ± 5 %. Thermal protection built into the motor.

2 poles

IP55 protection motor, Insulation class F

## APPLICATIONS

Small domestic and industrial systems

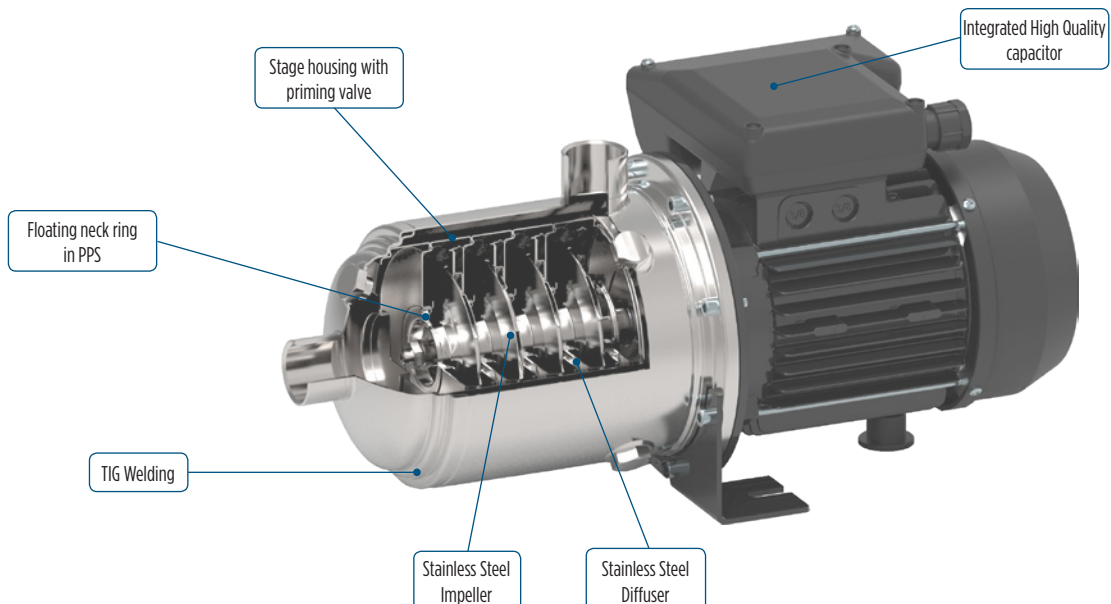
Domestic water supply and pressurization

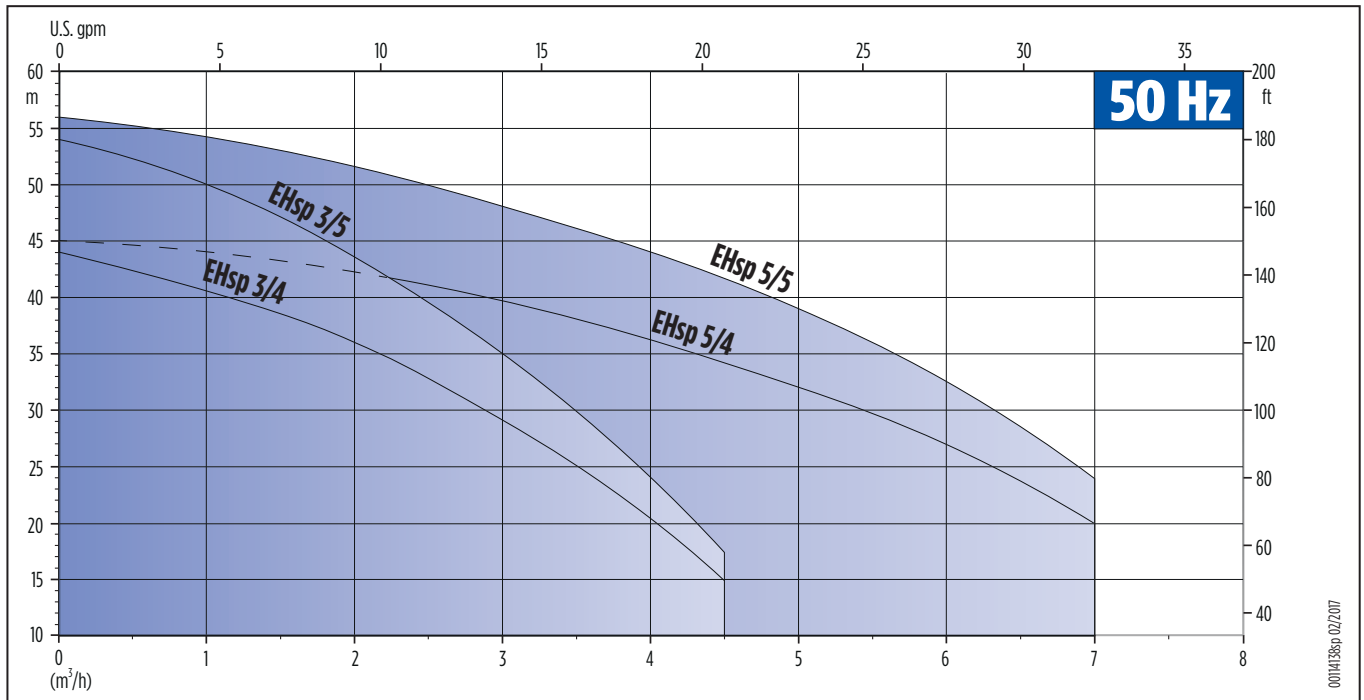
Irrigation / Gardening

Sprinklers

Rainwater recovery

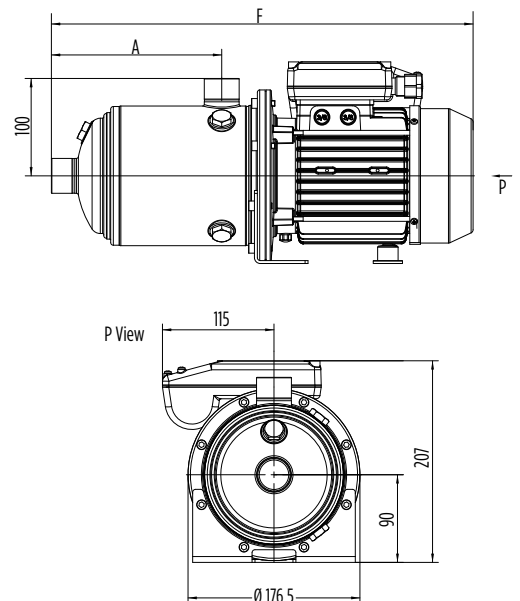
Wash down unit





00141386p 02/2017

DIMENSIONS TABLE						
Pump model 1 ~ 220-240 V	POWER		INPUT POWER [kW]	A	F	Weight [Kg]
	kW	HP				
EHsp 3/4	0,55	0,75	0,75	175	433	12,6
EHsp 3/5	0,75	1	0,90	199	457	13
EHsp 5/4	0,9	1,2	1,11	175	433	14
EHsp 5/5	1,1	1,5	1,33	199	457	14,4



PARTS DESCRIPTIONS	TYPE	MATERIAL	
		AISI	DIN / EN
Stage housing with priming valve	Stainless Steel	301 / 304	1.4310 / 1.4301
Last stage with holes	Stainless Steel	304	1.4301
Pump casing	Stainless Steel	304	1.4301
Impeller	Stainless Steel	304	1.4301
Diffusers	Stainless Steel	304	1.4301
Rotor and pump shaft	Stainless Steel	304	1.4301
Floating neck ring	Stainless Steel & PPS	304	1.4301
Kit O-ring	EPDM	-	-
Mechanical Seal	Ceramic / Carbon / EPDM	-	-



**50 HZ**  
**EH - EHsp SERIES**  
HORIZONTAL MULTISTAGE  
AND SELF-PRIMING PUMPS



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NOTE: Geoquip Water Solutions. reserves the right to amend specification without prior notice

# STAINLESS STEEL HORIZONTAL MULTISTAGE (EH) AND SELF-PRIMING (EHsp) PUMPS

## APPLICATIONS

- Small domestic and industrial systems / Domestic water supply
- Water distribution / pressure boosting
- Irrigation / Gardening / Sprinklers / Rainwater collection
- Industrial plants / Wash down unit
- Cooling and chilling / Heating and conditioning / Air conditioning systems
- Other various installations

## FEATURES

- Compact close-coupled design, robust and corrosion resistant / Superior efficiency and performance
- Flexible application base plate
- Floating neck ring in PPS
- Heavy duty oversize motor shaft
- Impellers and diffusers are made of stainless steel in order to achieve durability
- Easy maintenance
- Strong and leak-proof motor ball bearing fitted in the motor
- Pumping of clear non-loaded fluids
- Mechanical seal Type E0 = carbon/ceramic/EPDM: EH 3-5-9, EHsp 3-5
- Mechanical seal Type E1 = seal carbon/silicon carbide/EPDM: EH 15-20

## PUMP SPECIFICATIONS

- Capacities: up to 29 m<sup>3</sup>/h (EH), up to 8 m<sup>3</sup>/h (EHsp)
- Heads: up to 104 m (EH and EHsp)
- Connections: Rp threaded for inlet and outlet
- Maximum working pressure 10 Bar
- Maximum allowable amount of sand 50 g/m<sup>3</sup> (EH)
- Maximum ambient temperature 40 °C
- Liquid temperature range (EH): Minimum: from -15 °C to -10 °C according to gasket material  
Maximum: +90 °C for domestic use (uses covered by CEI EN standard 60335-2-41);  
+110 °C only for industrial use (uses other than those covered by CEI EN standard 60335-2-41)
- Liquid temperature range (EHsp): from 0 °C up to 35 °C
- The hydraulic characteristics are guaranteed, according to ISO standard 9906:2012, grade 3B

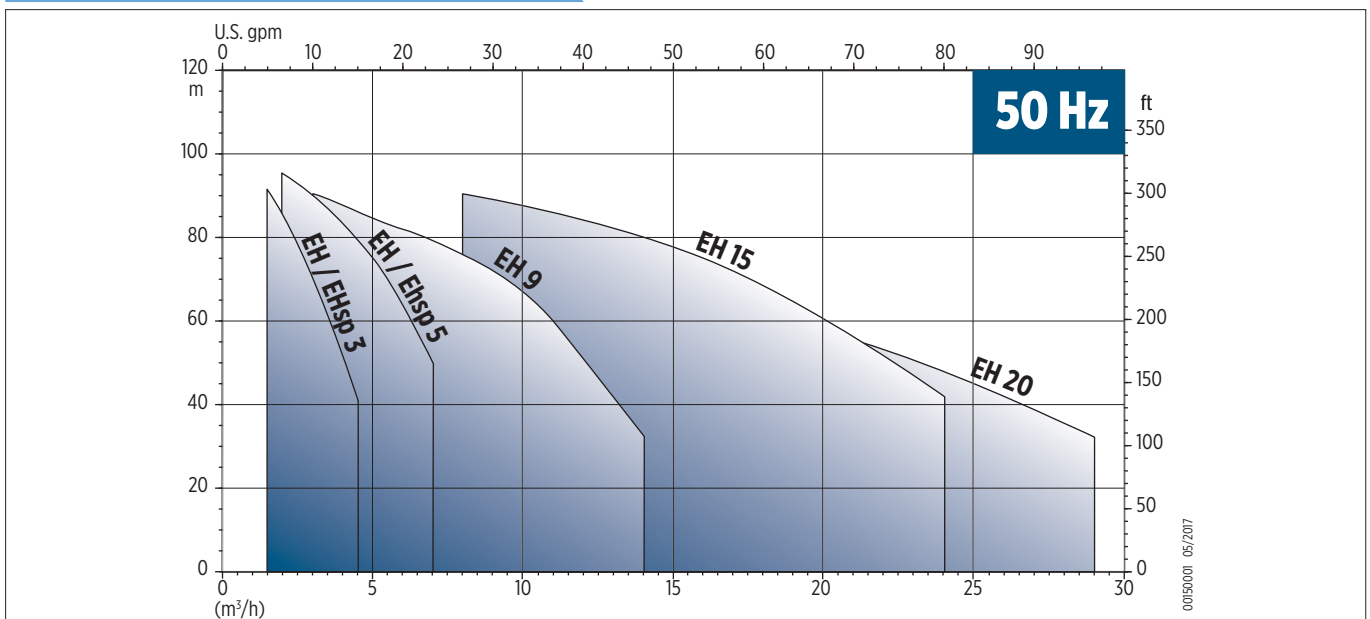
## MOTOR SPECIFICATIONS

- Single-phase and Three-phase motor efficiency class IE3
- Asynchronous, TEFC (Totally Enclosed, Fan-Cooled)
- 2 pole
- IP55 protection motor, Insulation class F
- Standard voltage
- Single-phase: 220-240 V  $\pm$  5 %. Thermal protection built into the motor.
- Three-phase: 220-240 / 380-415 V  $\pm$  5 % up to 3 kW. Thermal protection to be provide into the starter panel by the installer.  
380-415 / 660-690 V  $\pm$  5 % from 4 kW. Thermal protection to be provide into the starter panel by the installer.
- Starts per hour: for motor power up to 3 kW the allowed starts are 60. Waiting time between two consecutive starts 1 minute.  
for motor power from 4 kW the allowed starts are 30. Waiting time between two consecutive starts 2 minutes.

## AVAILABLE ON REQUEST

- Special mechanical seal (EH)
- Discharge inlet/outlet NPT

## FAMILY CURVES



## PUMP IDENTIFICATION CODE

15 / 03 I 022 T 5 E1

- Three-phase motor efficiency (IE3)
- Pumps speciality - Standard configuration if empty
- Mechanical seal type
- Frequency: 5 (50Hz); 6 (60Hz)
- M (Single phase); T (Three phase)
- Motor power kW x 10
- Pump material: I (AISI304); N(AISI316)
- Number of stages
- Nominal flow rate in m<sup>3</sup>/h
- Pump model: EH (standard)  
EHsp (self-priming)

# EH 3-5-9-15-20

## MATERIALS/FLUIDS COMPATIBILITY

Pos.	Parts description	Type	I version		N version	
			ASTM/AISI	DIN/EN	ASTM/AISI	DIN/EN
20.00	<b>Pump casing</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
20.02	<b>Seal housing disc</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
20.05	<b>Filing and drain plug</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
20.07	<b>Inlet cover</b> (only for EH 15-20)	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
30.05	<b>O-Ring</b>	EPDM	-	-	-	-
30.06	<b>Mechanical seal</b>	EH 3-5-9	Carbon / Ceramic / EPDM			
		EH 15-20	Carbon / Silicon Carbide / EPDM			
30.08	<b>Rotor and Pump shaft</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
30.09	<b>Screws, nuts and washers</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
40.00	<b>Stage housing and diffuser</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
40.01	<b>Last stage with holes</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
40.02	<b>Floating neck ring assembly</b>	Stainless steel and PPS	AISI 304	-	-	-
40.03	<b>Initial stage housing</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
40.04	<b>Stage housing and diffuser with bearing</b> (only for EH 15-20)	Stainless steel, Tungsten Carbide	AISI 304	1.4301	AISI 316	1.4401
50.00	<b>Impeller</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
50.01	<b>Impeller spacers</b>	Stainless steel	AISI 304	1.4301	AISI 316	1.4401
50.02	<b>Intermediate sleeve</b> (only for EH 15-20)	Tungsten Carbide	-	-	-	-
50.03	<b>Intermediate sleeve spacer</b> (only for EH 15-20)	Stainless Steel	AISI 304	1.4301	AISI 316	1.4401

# EHsp 3-5

## MATERIALS/FLUIDS COMPATIBILITY

Pos.	Parts description	Type	Material	
			ASTM/AISI	DIN/EN
20.00	<b>Pump casing</b>	Stainless steel	AISI 304	1.4301
20.02	<b>Seal housing disc</b>	Stainless steel	AISI 304	1.4301
20.05	<b>Filing and drain plug</b>	Stainless steel	AISI 304	1.4301
30.05	<b>O-Ring</b>	EPDM	-	-
30.06	<b>Mechanical seal</b>	Carbon / Ceramic / EPDM	-	-
30.08	<b>Rotor and Pump shaft</b>	Stainless steel	AISI 304	1.4301
30.09	<b>Screws, nuts and washers</b>	Stainless steel	AISI 304	1.4301
40.00	<b>Stage housing and diffuser</b>	Stainless steel	1.4301	1.4401
40.01	<b>Last stage with holes</b>	Stainless steel	1.4301	1.4401
40.02	<b>Floating neck ring assembly</b>	Stainless steel and PPS	-	-
40.03	<b>Initial stage housing</b>	Stainless steel	1.4301	1.4401
40.05	<b>Stage housing with priming valve</b>	Stainless steel	AISI 301 / AISI 304	1.4310 / 1.4301
50.00	<b>Impeller</b>	Stainless steel	AISI 304	1.4301
50.01	<b>Impeller spacers</b>	Stainless steel	AISI 304	1.4301



# EH 3-5-9-15-20

## TABLE OF HYDRAULIC PERFORMANCE AT 50Hz

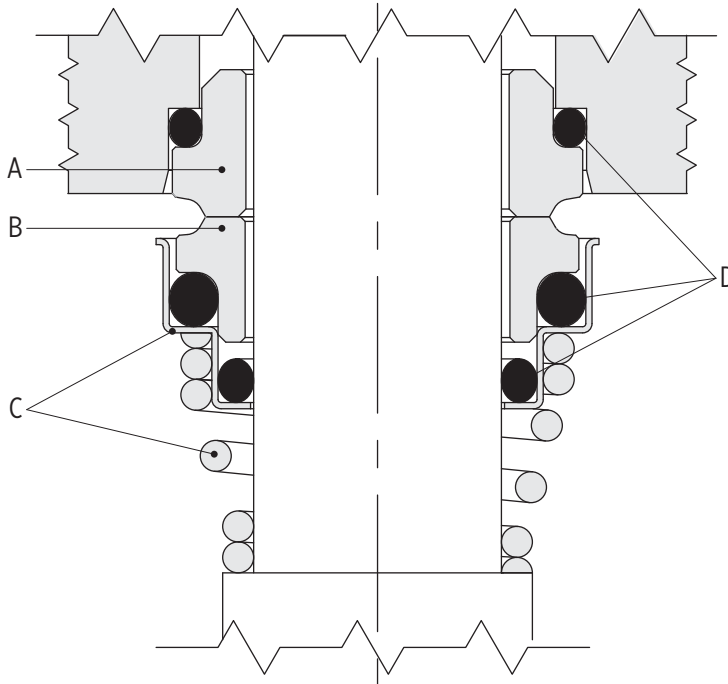
Pump model	Q = DELIVERY																							
	l/min 0	25	33	42	50	58	67	75	83	92	100	117	133	150	167	183	233	267	300	333	367	417	467	483
	m <sup>3</sup> /h 0	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7	8	9	10	11	14	16	18	20	22	25	28	29
	US GMP 0	6.6	8.8	11.0	13.2	15.4	17.6	19.8	22.01	24.2	26.4	30.8	35.2	39.6	44.02	48.4	61.6	70.4	79.2	88.05	96.8	110.07	123.2	127.6
H = TOTAL M.HEAD OF WATER COLUMN [m]																								
EH 3/2	23	21	19.5	18	16.5	14.5	12.5	10																
EH 3/3	33.5	30.5	29	26.5	24	21	17.5	14																
EH 3/4	44.5	40	37.5	34.5	31	27	23	18																
EH 3/5	55	49	46	42	37	32.5	27	21																
EH 3/6	67.5	61	57	53	47	41.5	35	28																
EH 3/7	78	70.5	66	60.5	54	47.5	40	32																
EH 3/8	90	82	77	71	64	56	47	38																
EH 3/9	101	91.5	85.5	79	70.5	61.5	52	41																
EH 5/2	23.5		21.5	21	20.5	19.5	19	18	17	16	15	11.5												
EH 5/3	34.5		31.5	31	29.5	28.5	27.5	26	25	23	21	16												
EH 5/4	46.5		43	42	41	39.5	38	36	34	32	29	23												
EH 5/5	58		53	51.5	50	48.5	46.5	44	41.5	38.5	35.5	27.5												
EH 5/6	70		64.5	63	61	59	56.5	54	51	47.5	43.5	34												
EH 5/7	81.5		74.5	72.5	70	68	65	61.5	58	54	49.5	38.5												
EH 5/8	92.5		84	82	79	76.5	73	69	65	60	54.5	42												
EH 5/9	104		95.5	93	90.5	87.5	83.5	79.5	75	70	64	50												
EH 9/2	23.5				22	21.5	21	20.5	20	20	19.5	18.5	18	17	15.5	13.5	6.5							
EH 9/3	35.5				33	32.5	32	31.5	31	30.5	30	28.5	27.5	26	24	21	11							
EH 9/4	48				45	44.5	43.5	43	42	41.5	41	39.5	38	36	33	29.5	16							
EH 9/5	59.5				55.5	55	54	53	52	51	50	48.5	46.5	44	40.5	36	18.5							
EH 9/6	71				66	65	64	62.5	61.5	60	59	57	54.5	51	47	41.5	21							
EH 9/7	84				79.5	78.5	77.5	76	74.5	73.5	72	70	67	64	59.5	53.5	29.5							
EH 9/8	96				90.5	89.5	88	86	84.5	83	82	79.5	76	72.5	67	60	32.5							
EH 15/2	29												26	25.5	25.5	25	23	21.5	19.5	17.5	14.5	9.5		
EH 15/3	44												39.5	39	38	37.5	34.5	32.5	29.5	26	22	14.5		
EH 15/4	58.5												53	52	51.5	50.5	47	44	40	35.5	30	20		
EH 15/5	73												65.5	64.5	63.5	62.5	57.5	54	49	43.5	36.5	24		
EH 15/6	87.5												79.5	78	77	75.5	71	67	61.5	54	46	31.5		
EH 15/7	102												92	90.5	89	87.5	82	77.5	70.5	62	52.5	36		
EH 20/2	31												28.5	28	27.5	27	26	25	24	22.5	20.5	16.5	12	10
EH 20/3	46.5												43	42.5	41.5	41	39.5	38	36.5	34.5	31.5	25.5	19	16
EH 20/4	62.5												58	57	56	55.5	53.5	51.5	49.5	46.5	42.5	34.5	26	22
EH 20/5	78.5												72.5	71.5	70.5	69.5	67	64.5	62	58.5	53.5	43.5	32.5	28

# EHsp 3-5

## TABLE OF HYDRAULIC PERFORMANCE AT 50Hz

Pump model	Q = DELIVERY																							
	l/min 0	25	33	42	50	58	67	75	83	92	100	117	133	150	167	183	233	267	300	333	367	417	467	483
	m <sup>3</sup> /h 0	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7	8	9	10	11	14	16	18	20	22	25	28	29
	US GMP 0	6.6	8.8	11.0	13.2	15.4	17.6	19.8	22.01	24.2	26.4	30.8	35.2	39.6	44.02	48.4	61.6	70.4	79.2	88.05	96.8	110.07	123.2	127.6
H = TOTAL M.HEAD OF WATER COLUMN [m]																								
EHsp 3/4	43.5	38.0	35.0	32.0	28.5	24.5	20.0	15.0																
EHsp 3/5	54.0	46.5	43.0	39.0	34.0	29.0	23.5	17.0																
EHsp 3/4T	44.0	38.5	35.5	32.0	29.0	25.0	20.0	15.0																
EHsp 3/5T	54.0	47.0	43.0	39.0	35.0	30.0	24.0	18.0																
EHsp 5/4	45.0		42.0	41.0	39.5	38.0	36.0	34.0	32.0	30.0	27.0	20.0												
EHsp 5/5	56.0		51.5	50.0	48.0	46.5	44.0	42.0	39.0	36.0	33.0	24.0												
EHsp 5/4T	45.0		41.5	40.0	39.0	37.0	36.0	34.0	32.0	30.0	26.5	20.0												
EHsp 5/5T	55.5		51.0	49.0	47.5	45.5	43.0	41.0	38.0	35.0	31.5	23.0												

# MECHANICAL SEAL SPECIFICATIONS



0030012 05/2017

## STANDARD VERSION

Model	Type				Position				Temperature [°C]
					A Stationary part	B Rotating part	C Other components	D Elastomers	
EH 3 - 5 - 9 / EHsp 3 - 5									
E0	V	B	G	E	Ceramic	Graphite	AISI 316	EPDM	-15°C +110°C
EH 15 -20									
E1	B	Q	G	E	Graphite	Silicon Carbide	AISI 316	EPDM	-15°C +110°C

## AVAILABLE ON REQUEST (only for EH)

Model	Type				Position				Temperature [°C]
					A Stationary part	B Rotating part	C Other components	D Elastomers	
E2	Q	Q	G	E	Silicon Carbide	Silicon Carbide	AISI 316	EPDM	-15°C +110°C
V3*	Q	Q	G	V	Silicon Carbide	Silicon Carbide	AISI 316	FKM	-10°C +110°C
V8*	Q	U	G	V	Silicon Carbide	Tungsten Carbide	AISI 316	FKM	-10°C +110°C

\* on request version with stopper pin

Type	Material
B	Carbon graphite
E	EPDM
G	AISI 316
Q	Silicon carbide
V	FKM
V	Ceramic alumina
U	Tungsten carbide

## MOTORS SPECIFICATIONS

- Asynchronous, TEFC (Totally Enclosed, Fan-Cooled)
- 2 pole
- IP55
- Insulation class F
- Starts per hour
  - for motor power up to 3 kW the allowed starts are 60. Waiting time between two consecutive starts 1 minute
  - for motor power from 4 kW the allowed starts are 30. Waiting time between two consecutive starts 2 minutes

### SINGLE-PHASE VERSION AT 50Hz

- Standard voltage 220-240 V  $\pm$  5%
- Thermal protection built into the motor

P <sub>N</sub> [kW]	MOTOR SIZE	INPUT CURRENT I <sub>N</sub> [A]	Capacitor		230 V - 50 Hz							
			230V	μF	V	n <sub>N</sub> [min <sup>-1</sup> ]	I <sub>s</sub> / I <sub>N</sub>	η %	cos θ	T <sub>N</sub> [Nm]	T <sub>s</sub> / T <sub>N</sub>	T <sub>M</sub> / T <sub>N</sub>
<b>0.33</b>	71	2.50	16	450	2920	6.5	64.8	0.88	1.08	1.00	1.60	
<b>0.45</b>	71	3.00	16	450	2890	5.4	69.7	0.92	1.5	0.72	1.60	
<b>0.55</b>	71	3.50	16	450	2860	4.6	72.6	0.94	1.83	0.59	1.85	
<b>0.75</b>	71	4.67	16	450	2790	3.5	72.2	0.97	2.56	0.42	1.87	
<b>0.9</b>	71	5.45	30	450	2875	4.8	75.3	0.93	3	0.47	1.67	
<b>1.1</b>	71	6.60	30	450	2820	3.9	77.0	0.96	3.7	0.38	1.86	
<b>1.3</b>	80	7.46	30	450	2860	4.2	80.8	0.94	4.35	0.57	1.86	
<b>1.5</b>	80	8.56	30	450	2830	3.6	79.9	0.95	5.05	0.50	1.92	
<b>1.85</b>	80	10.90	30	450	2760	2.8	76.6	0.96	6.4	0.39	2.40	
<b>2.2</b>	90	12.60	60	450	2870	2.2	76.7	0.99	7.3	0.51	1.99	

# **EHsp Series**

## **Technical data and Performance curves**

# EHsp 3

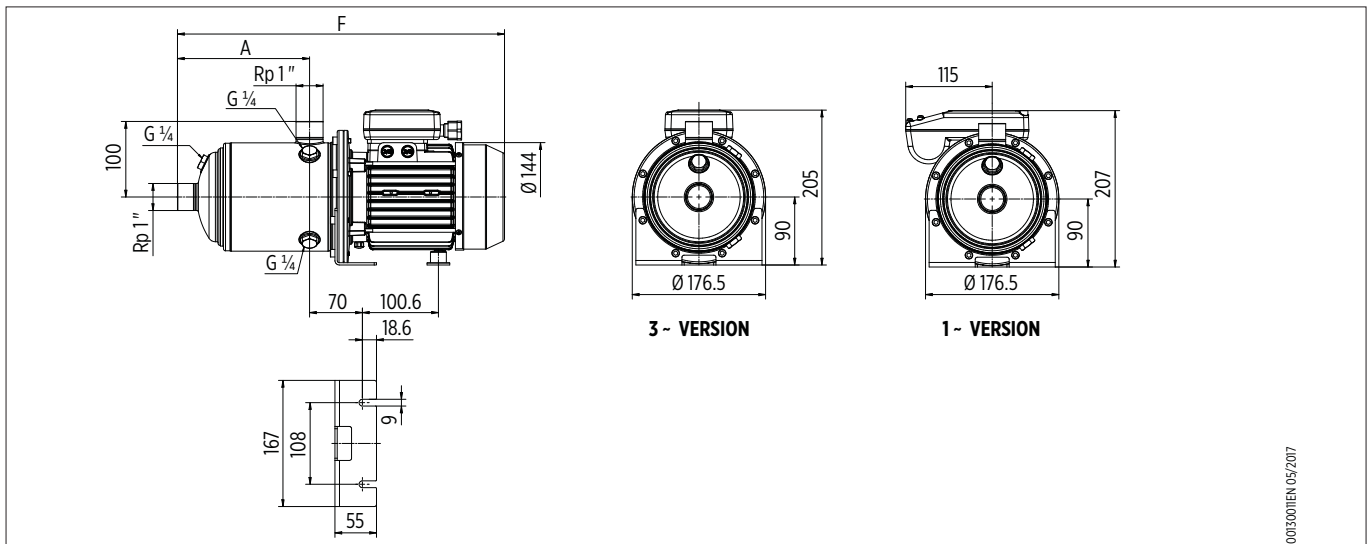
## 1 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	Motor size	MOTOR NOMINAL POWER		INPUT POWER [kW]	Capacitor 450V μF	INPUT CURRENT [A] 220-240 V	Dimensions [mm]		Weight [Kg]
		[kW]	[HP]				A	F	
EHsp 3/4	71	0.55	0.75	0.79	16	3.8	175	433	12.6
EHsp 3/5	71	0.75	1	0.95	16	4.5	199	457	13

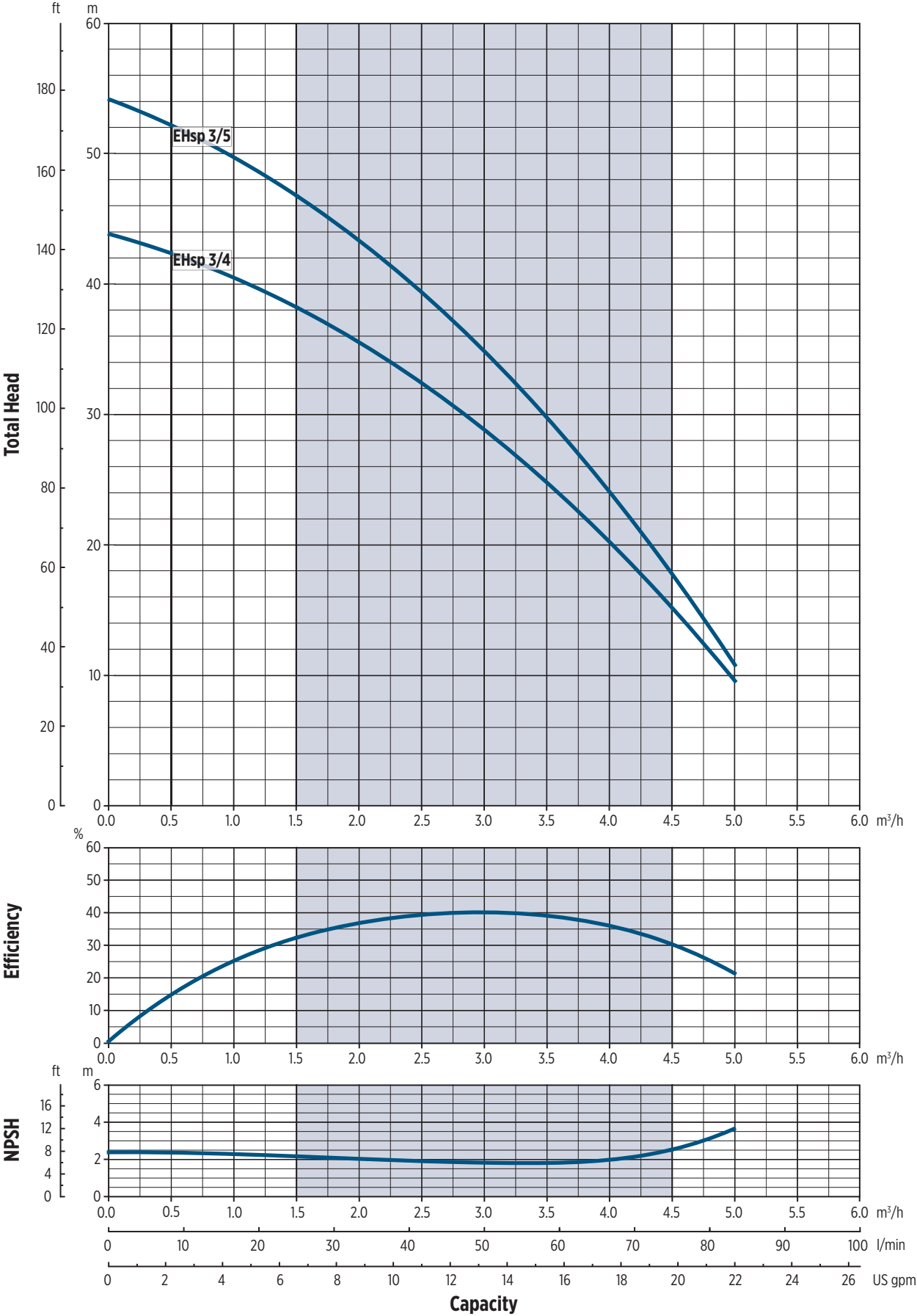
## 3 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	Motor size	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A] 220-240 V	Dimensions [mm]		Weight [Kg]
		[kW]	[HP]			A	F	
EHsp 3/4 T	71	0.75	1	0.75	1.4	175	433	12
EHsp 3/5 T	71	0.75	1	0.91	1.6	199	457	12.4

## DIMENSIONAL DRAWINGS



# PERFORMANCE CURVES 50Hz



The hydraulic characteristics are guaranteed, according to ISO standard 9906:2012, grade 3B

# EHsp 5

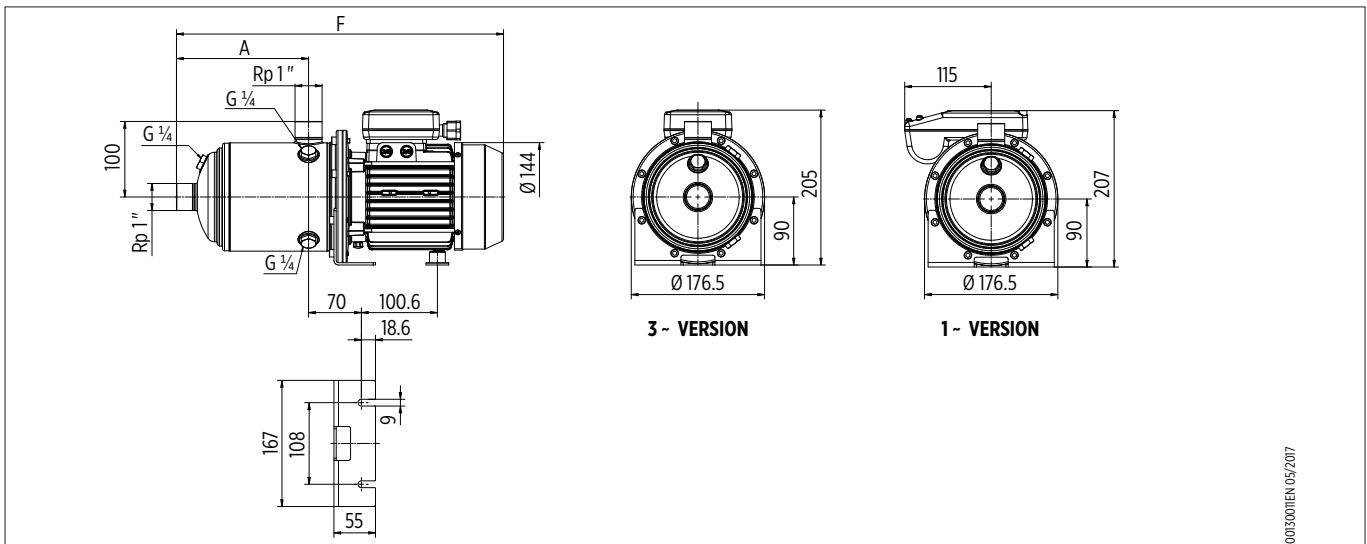
## 1 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	Motor size	MOTOR NOMINAL POWER		INPUT POWER [kW]	Capacitor 450V μF	INPUT CURRENT [A] 220-240 V	Dimensions [mm]		Weight [kg]
		[kW]	[HP]				A	F	
EHsp 5/4	71	0.9	1.2	1.10	30	5.3	175	433	14
EHsp 5/5	71	1.1	1.5	1.31	30	6.1	199	457	14.4

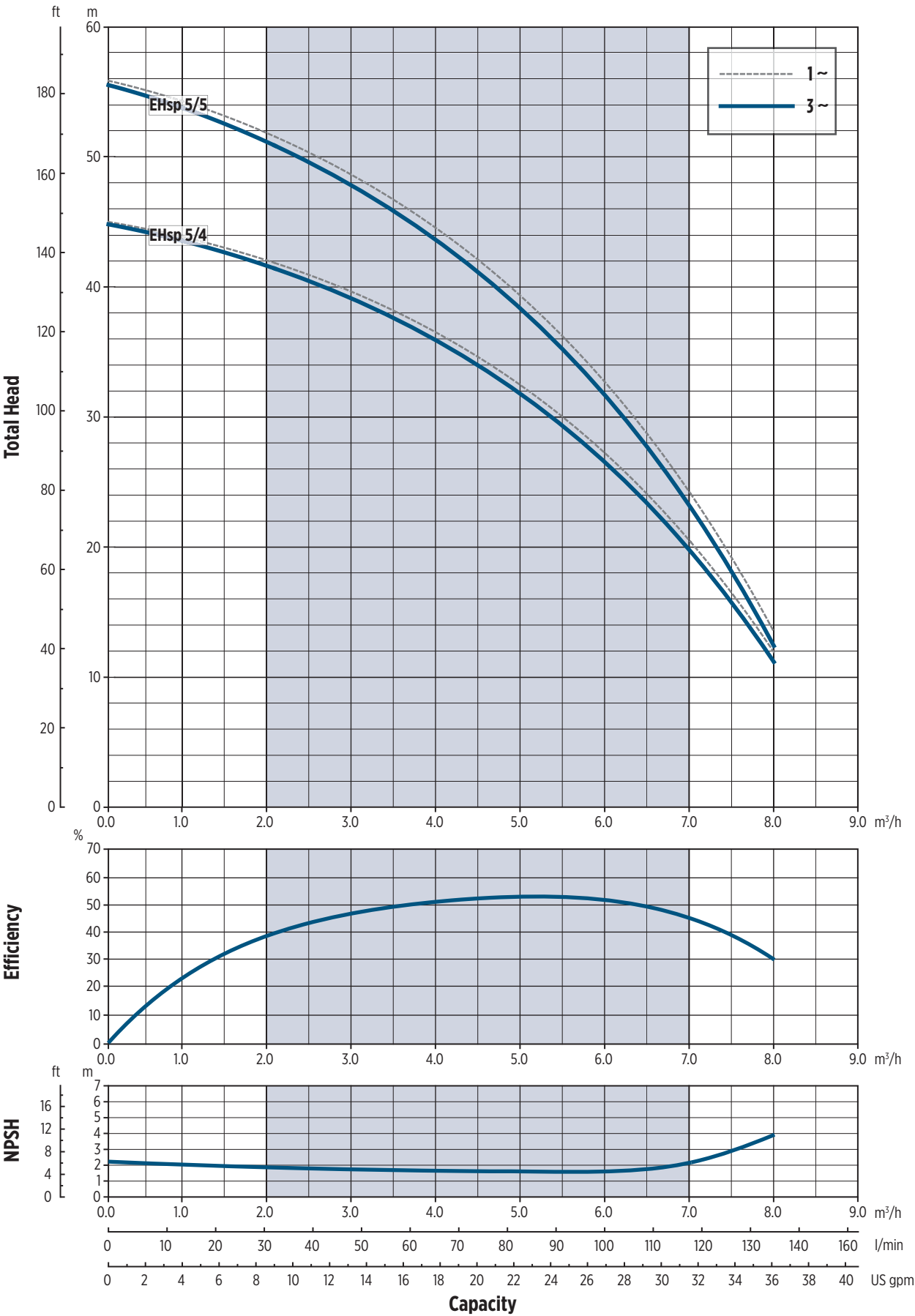
## 3 ~ ELECTRIC PUMP TECHNICAL DATA

Pump model	Motor size	MOTOR NOMINAL POWER		INPUT POWER [kW]	INPUT CURRENT [A] 220-240 V	Dimensions [mm]		Weight [Kg]
		[kW]	[HP]			A	F	
EHsp 5/4 T	71	1.1	1.5	0.99	1.9	175	433	12.4
EHs 5/5 T	71	1.1	1.5	1.20	2.1	199	457	13

## DIMENSIONAL DRAWINGS



# PERFORMANCE CURVES 50Hz



The hydraulic characteristics are guaranteed, according to ISO standard 9906:2012, grade 3B

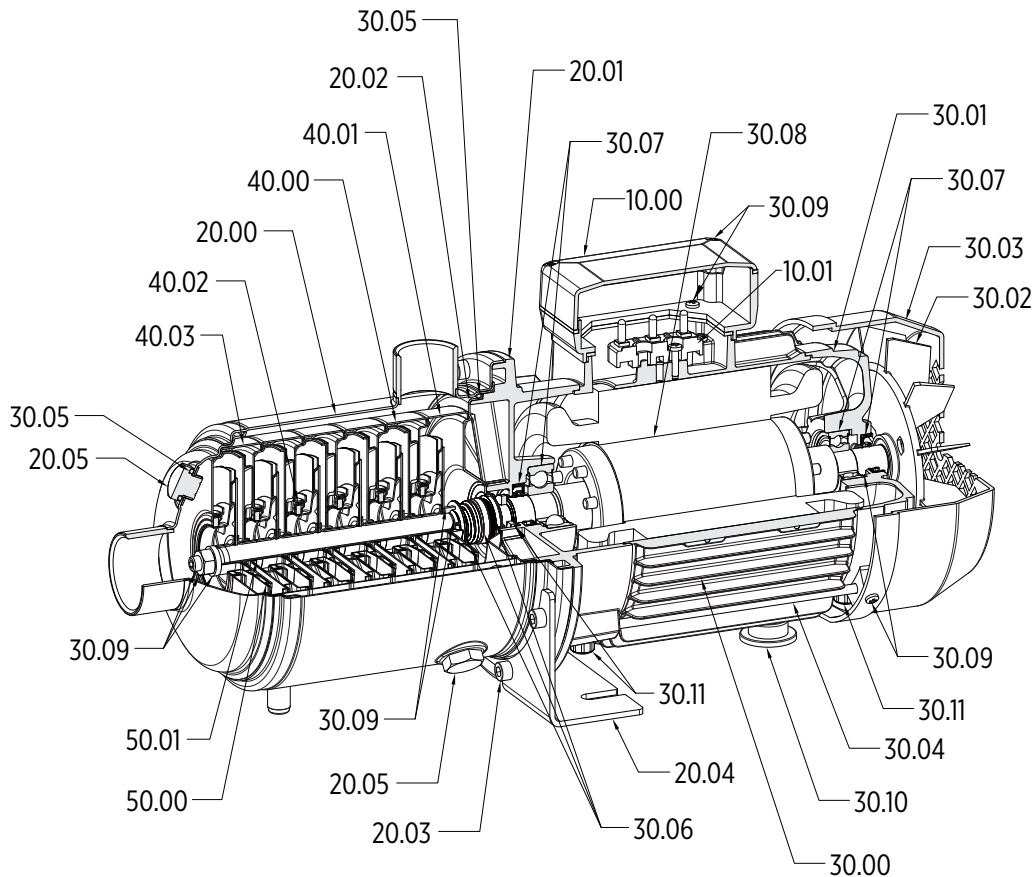




# **Pump Section and List of Main Components**

# EH 3-5-9

## PUMP SECTION AND LIST AND MAIN COMPONENTS



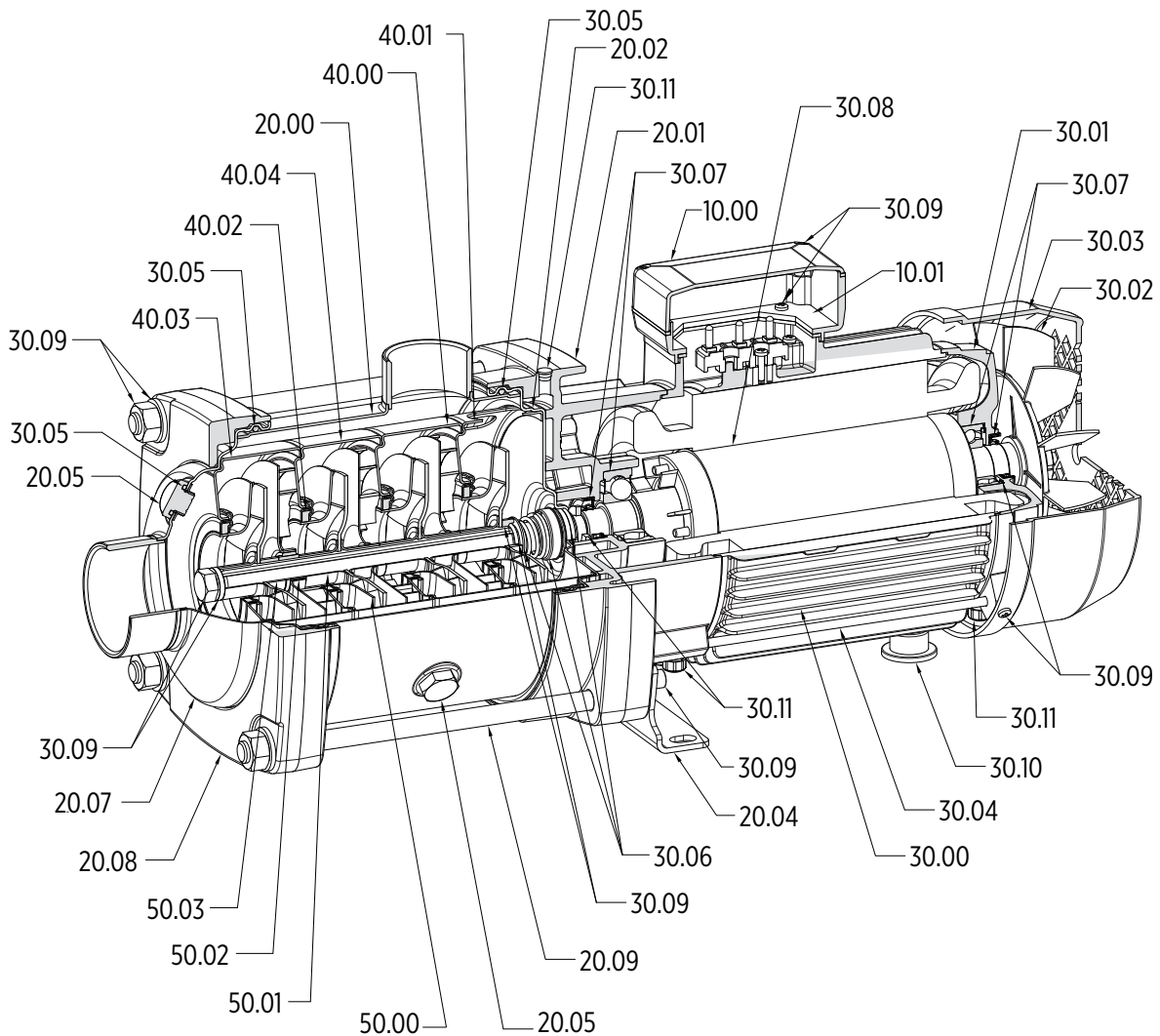
0030007 05/2017

Ref. N.	Description
<b>10.00</b>	Terminal box cover and base
<b>10.01</b>	Terminal board
<b>20.00</b>	Pump casing
<b>20.01</b>	Motor bracket
<b>20.02</b>	Seal housing disc
<b>20.03</b>	Screws for pump casing
<b>20.04</b>	Support foot
<b>20.05</b>	Filling and draining plugs
<b>30.00</b>	Motor housing and stator
<b>30.01</b>	Bearing housing
<b>30.02</b>	Fan
<b>30.03</b>	Fan cover
<b>30.04</b>	Motor tie rod

Ref. N.	Description
<b>30.05</b>	O-Rings
<b>30.06</b>	Mechanical seal
<b>30.07</b>	Ball bearings and lip seal
<b>30.08</b>	Rotor and pump shaft
<b>30.09</b>	Screws, nuts and washers
<b>30.10</b>	Motor foot
<b>30.11</b>	Discharge valve, top plug and washer
<b>40.00</b>	Stage housing and diffuser
<b>40.01</b>	Last stage with holes
<b>40.02</b>	Floating neck ring assembly
<b>40.03</b>	Initial stage housing
<b>50.00</b>	Impeller
<b>50.01</b>	Impeller spacers

# EH 15-20 (Configuration up to 3kW)

## PUMP SECTION AND LIST AND MAIN COMPONENTS



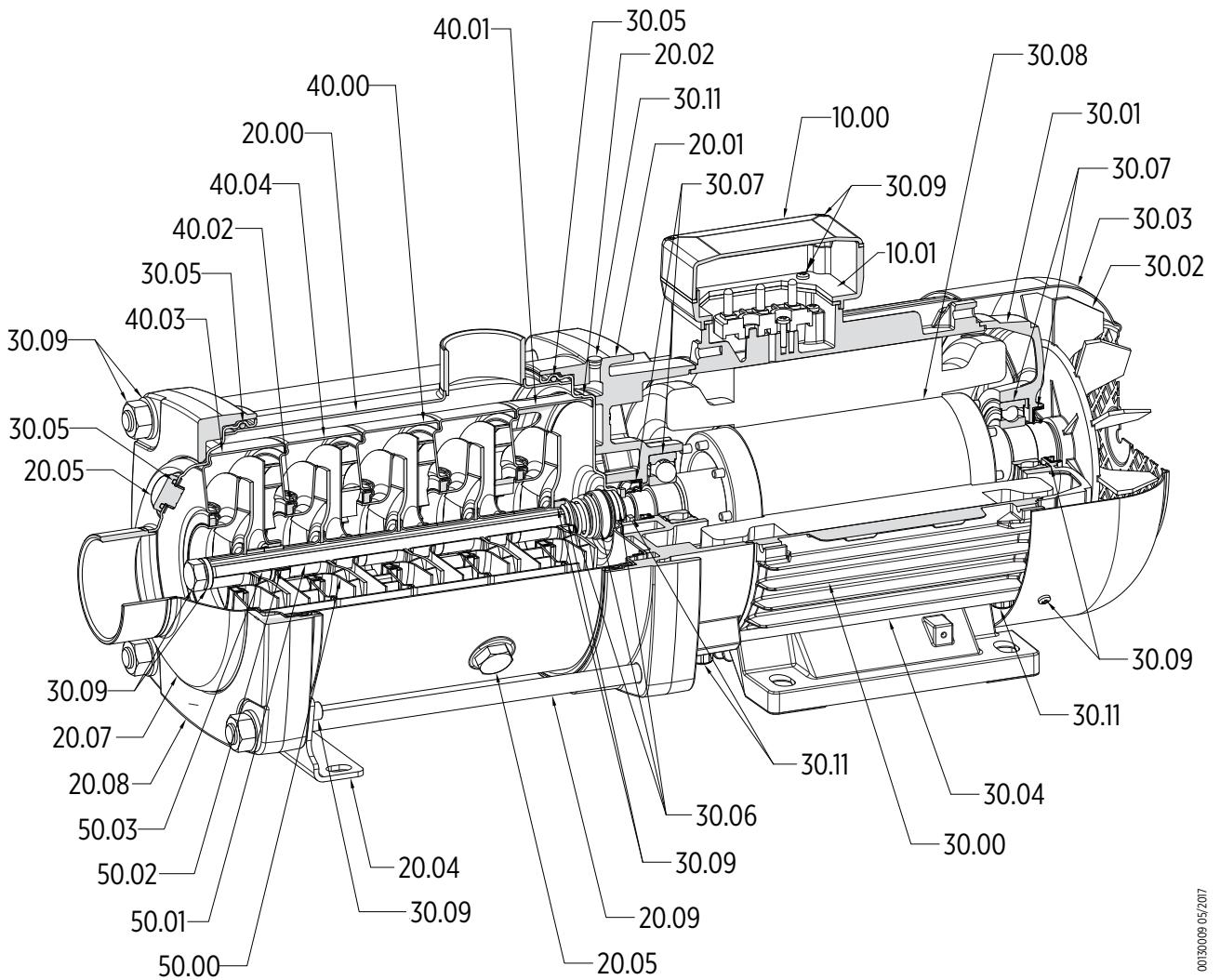
00130008 05/2017

Ref. N.	Description
10.00	Terminal box cover and base
10.01	Terminal board
20.00	Pump casing
20.01	Motor bracket
20.02	Seal housing disc
20.04	Support foot
20.05	Filling and draining plugs
20.07	Inlet cover
20.08	Flange
20.09	Pump casing tie rods
30.00	Motor housing and stator
30.01	Bearing housing
30.02	Fan
30.03	Fan cover
30.04	Motor tie rod
30.05	O-Rings

Ref. N.	Description
30.06	Mechanical seal
30.07	Ball bearings and lip seal
30.08	Rotor and pump shaft
30.09	Screws, nuts and washers
30.10	Motor foot
30.11	Discharge valve, top plug and washer
40.00	Stage housing and diffuser
40.01	Last stage with holes
40.02	Floating neck ring assembly
40.03	Initial stage housing
40.04	Stage housing and diffuser with bearing
50.00	Impeller
50.01	Impeller spacers
50.02	Intermediate sleeve
50.03	Intermediate sleeve spacer

# EH 15-20 (Configuration from 4kW)

## PUMP SECTION AND LIST AND MAIN COMPONENTS



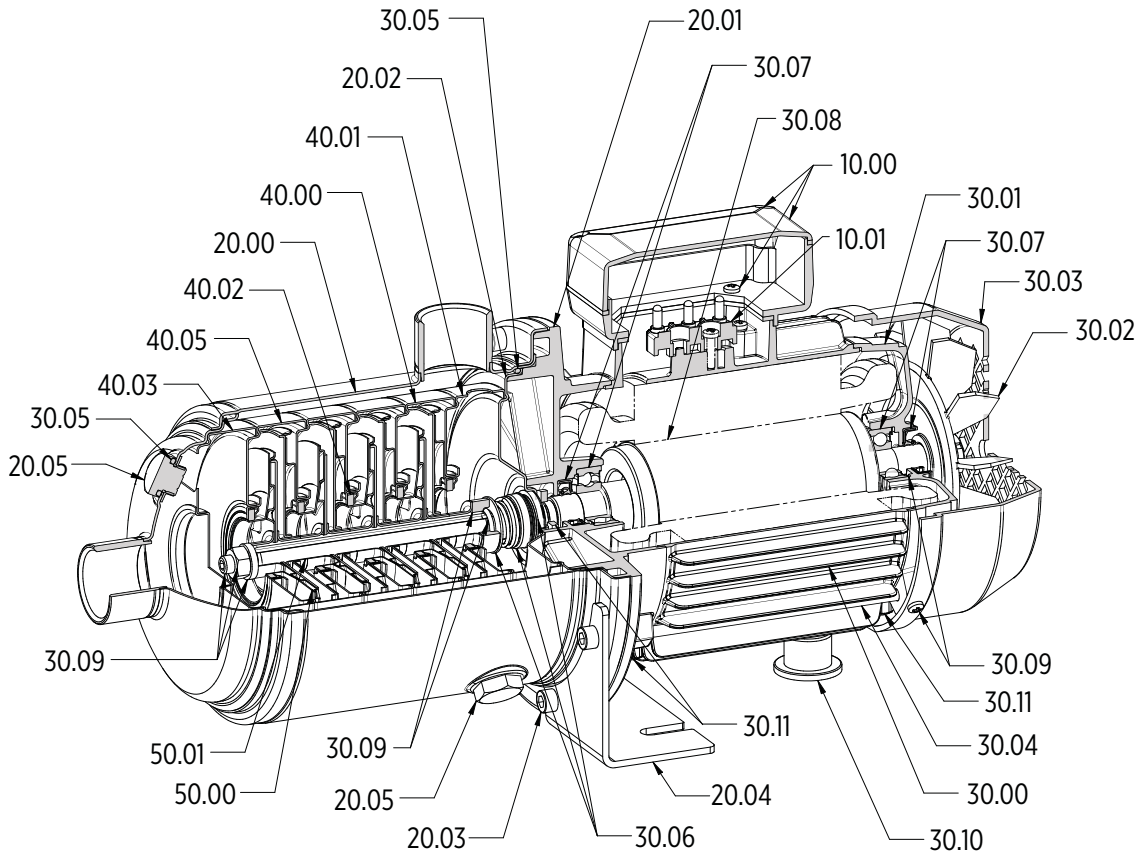
001301009 05/2017

Ref. N.	Description
10.00	Terminal box cover and base
10.01	Terminal board
20.00	Pump casing
20.01	Motor bracket
20.02	Seal housing disc
20.04	Support foot
20.05	Filling and draining plugs
20.07	Inlet cover
20.08	Flange
20.09	Pump casing tie rods
30.00	Motor housing and stator
30.01	Bearing housing
30.02	Fan
30.03	Fan cover
30.04	Motor tie rod
30.05	O-Rings

Ref. N.	Description
30.06	Mechanical seal
30.07	Ball bearings and lip seal
30.08	Rotor and pump shaft
30.09	Screws, nuts and washers
30.10	Motor foot
30.11	Discharge valve, top plug and washer
40.00	Stage housing and diffuser
40.01	Last stage with holes
40.02	Floating neck ring assembly
40.03	Initial stage housing
40.04	Stage housing and diffuser with bearing
50.00	Impeller
50.01	Impeller spacers
50.02	Intermediate sleeve
50.03	Intermediate sleeve spacer

# EHsp 3-5

## PUMP SECTION AND LIST AND MAIN COMPONENTS



00130010 06/2017

Ref. N.	Description
10.00	Terminal box cover and base
10.01	Terminal board
20.00	Pump casing
20.01	Motor bracket
20.02	Seal housing disc
20.03	Screws for pump casing
20.04	Support foot
20.05	Filling and draining plugs
30.00	Motor housing and stator
30.01	Bearing housing
30.02	Fan
30.03	Fan cover
30.04	Motor tie rod
30.05	O-Rings

Ref. N.	Description
30.06	Mechanical seal
30.07	Ball bearings and lip seal
30.08	Rotor and pump shaft
30.09	Screws, nuts and washers
30.10	Motor foot
30.11	Discharge valve, top plug and washer
40.00	Stage housing and diffuser
40.01	Last stage with holes
40.02	Floating neck ring assembly
40.03	Initial stage housing
40.05	Stage housing with priming valve
50.00	Impeller
50.01	Impeller spacers



## CATALOG REVISION CHANGES NOTICE

Rev. No.	Changes	Page
02	Add EHsp Series	2,3,4,5, 21-25, 31
	Remove the "EH Series with IE2 motors" section	8-17 (Rev. 01)
	Updating of Technical Data and Dimensional Drawings of EH Series	10, 12, 14, 16, 18

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NOTE: Geoquip Water Solutions reserves the right to amend specification without prior notice  
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