

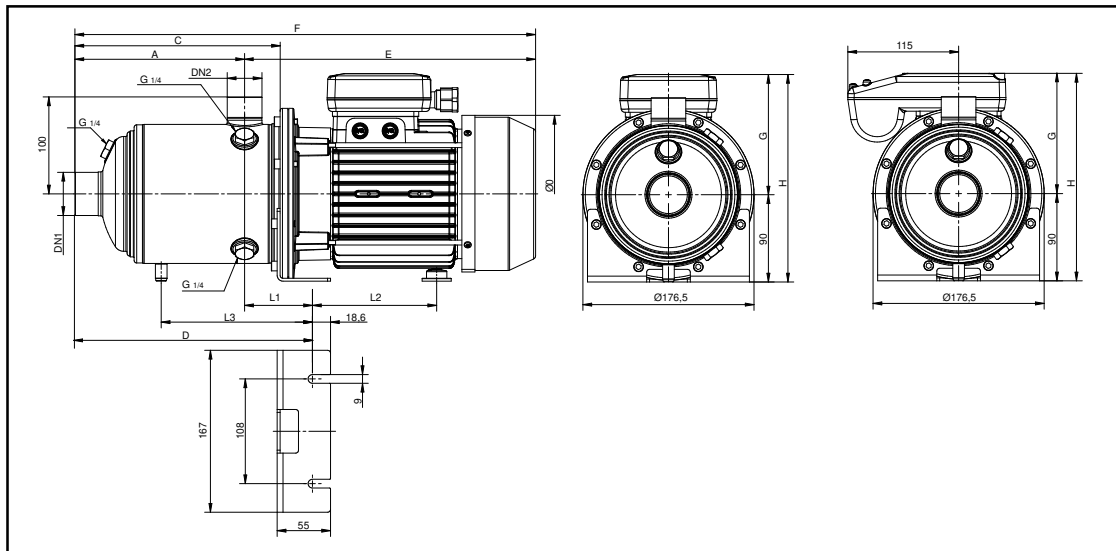
## Technical data 50Hz

Pumps model		NUMBER OF STAGES	POWER		INPUT POWER	INTERNAL CAPACITOR		RATED CURRENT		
Single-phase 220-240V 50Hz	Three-phase 380-415V 50Hz		kW	HP		kW	µF	V	Single-phase 220-240V 50Hz	Three-phase 220-240V 50Hz 380-415V 50Hz
EH 3/2	EH 3/2T	2	0.33	0.45	0.44	16	450	2.5	2.4	1.4
EH 3/3	EH 3/3T	3	0.45	0.6	0.59	16	450	3.0	2.6	1.5
EH 3/4	EH 3/4T	4	0.55	0.75	0.75	16	450	3.7	2.9	1.7
EH 3/5	EH 3/5T	5	0.75	1	0.90	16	450	4.3	3.1	1.8
EH 3/6	EH 3/6T	6	0.9	1.2	1.14	30	450	5.4	4.3	2.5
EH 3/7	EH 3/7T	7	1.1	1.5	1.29	30	450	6.0	4.7	2.7
EH 3/8	EH 3/8T	8	1.3	1.8	1.46	30	450	6.9	5.5	3.2
EH 3/9	EH 3/9T	9	1.5	2	1.61	30	450	7.5	5.9	3.4

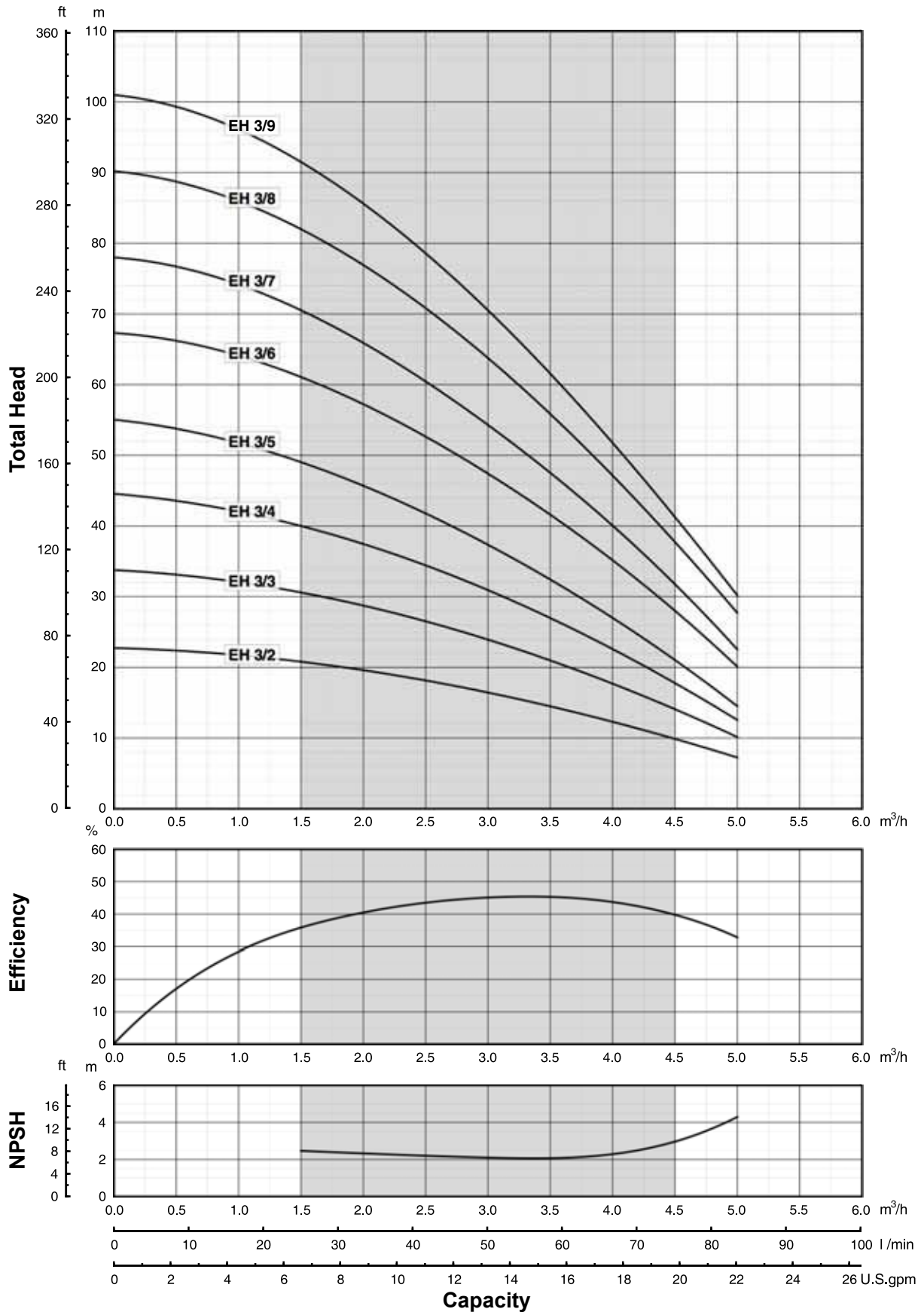
- Single-phase motors: 220-240 V ± 5 % / 50Hz. Thermal protection built into the motor.
- Three-phase motors: 380-415 V ± 5 % / 50Hz. Thermal protection to be provide into the starter pale by the installer.

## Dimensions and weights

Pump model		Dimensions													Weight (kg)	
Single-phase 220-240V 50Hz	Three-phase 380-415V 50Hz	A mm	E mm	C mm	D mm	F mm	G mm	DN1	DN2	ØB mm	H mm	L1 mm	L2 mm	L3 mm	1~ Single-phase	3~ Three-phase
EH 3/2	EH 3/2T	103	258	139,6	173	361	117	Rp 1"¼	Rp 1"	144	70	100,6	-	11,2	11	
EH 3/3	EH 3/3T	103	258	139,6	173	361	117			144	207	70	100,6	-	11,3	11,1
EH 3/4	EH 3/4T	127	258	163,6	197	385	117			144	207	70	100,6	-	11,9	11,6
EH 3/5	EH 3/5T	151	258	187,6	221	409	117			144	207	70	100,6	-	12,4	12,2
EH 3/6	EH 3/6T	175	258	211,6	245	433	117			144	207	70	100,6	-	14,4	14,2
EH 3/7	EH 3/7T	199	258	235,6	269	457	117			144	207	70	100,6	180	15	14,7
EH 3/8	EH 3/8T	223	300	259,6	293	523	124			162	214	70	128,1	204	18,8	18,6
EH 3/9	EH 3/9T	247	300	283,6	317	547	124			162	214	70	128,1	228	19,4	19,1



### Performance curves 50Hz



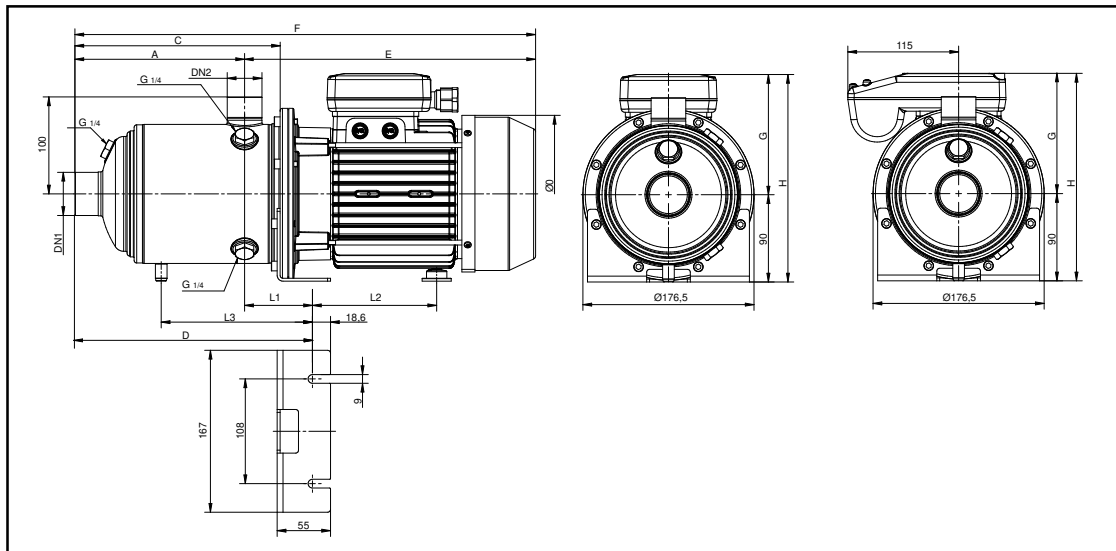
## Technical data 50Hz

Pumps model		NUMBER OF STAGES	POWER		INPUT POWER	INTERNAL CAPACITOR		RATED CURRENT		
Single-phase 220-240V 50Hz	Three-phase 380-415V 50Hz		kW	HP		kW	µF	V	Single-phase 220-240V 50Hz	Three-phase 220-240V 50Hz 380-415V 50Hz
EH 5/2	EH 5/2T	2	0.45	0.6	0.58	16	450	3.0	2.6	1.5
EH 5/3	EH 5/3T	3	0.55	0.75	0.80	16	450	3.9	2.9	1.7
EH 5/4	EH 5/4T	4	0.9	1.2	1.10	30	450	5.3	4.3	2.5
EH 5/5	EH 5/5T	5	1.1	1.5	1.33	30	450	6.2	4.7	2.7
EH 5/6	EH 5/6T	6	1.3	1.8	1.56	30	450	7.3	5.7	3.3
EH 5/7	EH 5/7T	7	1.5	2	1.79	30	450	8.2	6.2	3.6
EH 5/8	EH 5/8T	8	1.5	2	2.00	30	450	8.9	6.6	3.8
-	EH 5/9T	9	1.85	2.5	2.30	-	-	-	7.1	4.1

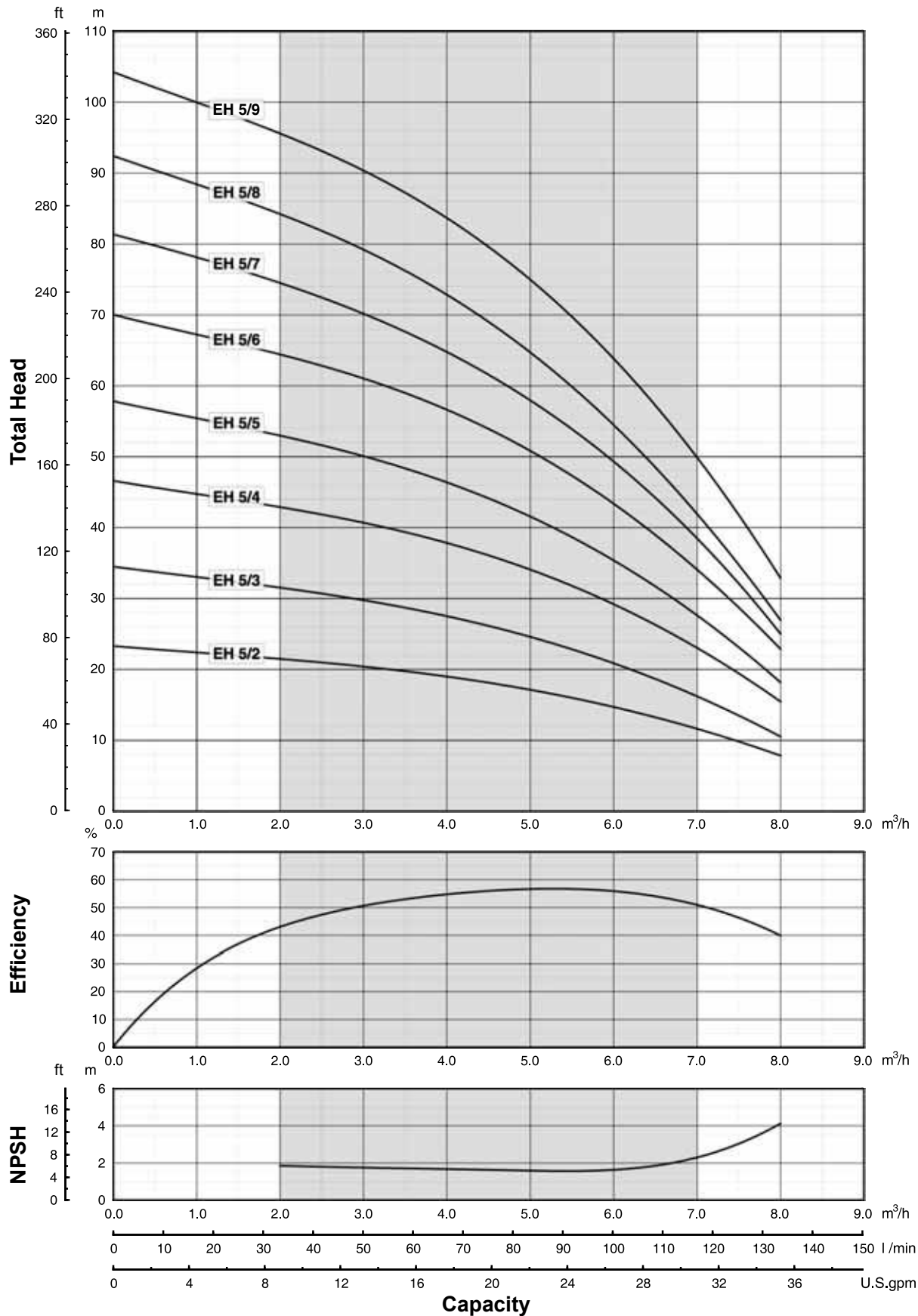
- Single-phase motors: 220-240 V ± 5 % / 50Hz. Thermal protection built into the motor.
- Three-phase motors: 380-415 V ± 5 % / 50Hz. Thermal protection to be provide into the starter pale by the installer.

## Dimensions and weights

Pump model		Dimensions													Dimensions	
Single-phase 220-240V 50Hz	Three-phase 380-415V 50Hz	A mm	E mm	C mm	D mm	F mm	G mm	DN1	DN2	ØB mm	H mm	L1 mm	L2 mm	L3 mm	1~ Single-phase	3~ Three-phase
EH 5/2	EH 5/2T	103	258	139,6	173	361	117	Rp 1"¼	Rp 1"	144	207	70	100,6	-	11,2	11
EH 5/3	EH 5/3T	103	258	139,6	173	361	117			144	207	70	100,6	-	11,4	11,1
EH 5/4	EH 5/4T	127	258	163,6	197	385	117			144	207	70	100,6	-	13,4	13,1
EH 5/5	EH 5/5T	151	258	187,6	221	409	117			144	207	70	100,6	-	13,9	13,7
EH 5/6	EH 5/6T	175	300	211,6	245	475	124			162	214	70	128,1	-	17,7	17,5
EH 5/7	EH 5/7T	199	300	253,6	269	499	124			162	214	70	128,1	180	18,3	18
EH 5/8	EH 5/8T	223	300	259,6	293	523	124			162	214	70	128,1	204	18,8	18,6
-	EH 5/9T	247	300	283,6	317	547	124			162	214	70	128,1	228	-	19,1



**Performance curves 50Hz**



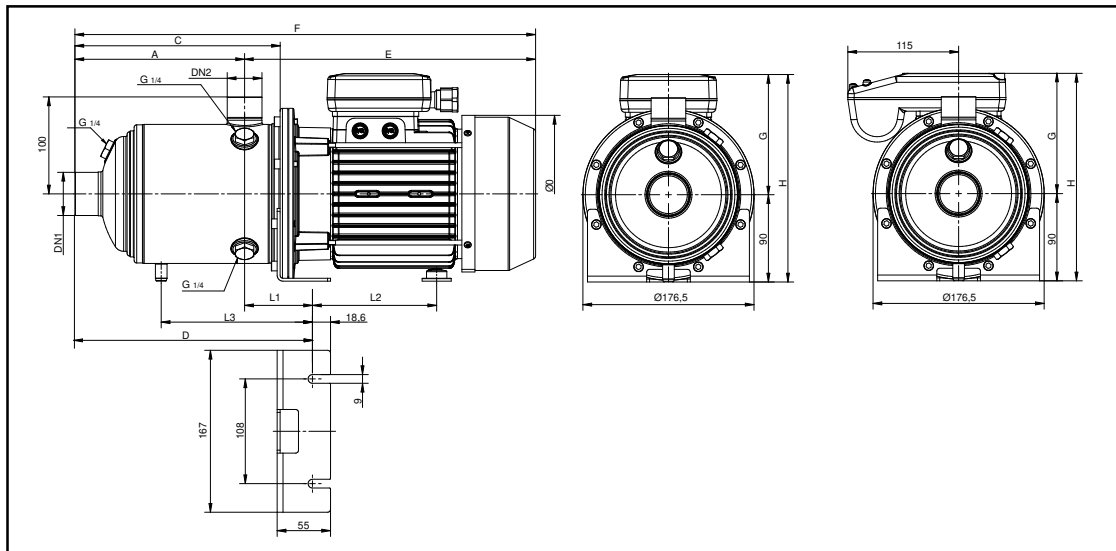
## Technical data 50Hz

Pumps model		NUMBER OF STAGES	POWER		INPUT POWER	INTERNAL CAPACITOR		RATED CURRENT		
Single-phase 220-240V 50Hz	Three-phase 380-415V 50Hz		kW	HP		kW	µF	V	Single-phase 220-240V 50Hz	Three-phase 220-240V 50Hz    380-415V 50Hz
EH 9/2	EH 9/2T	2	0.75	1	0.90	16	450	4.3	3.1	1.8
EH 9/3	EH 9/3T	3	1.1	1.5	1.37	30	450	6.4	4.7	2.7
EH 9/4	EH 9/4T	4	1.5	2	1.77	30	450	8.2	6.1	3.5
-	EH 9/5T	5	1.85	2.5	2.21	-	-	-	6.9	4.0
-	EH 9/6T	6	2	2.7	2.61	-	-	-	7.8	4.5
-	EH 9/7T	7	3	4	3.18	-	-	-	11	6.4
-	EH 9/8T	8	3	4	3.59	-	-	-	12	6.9

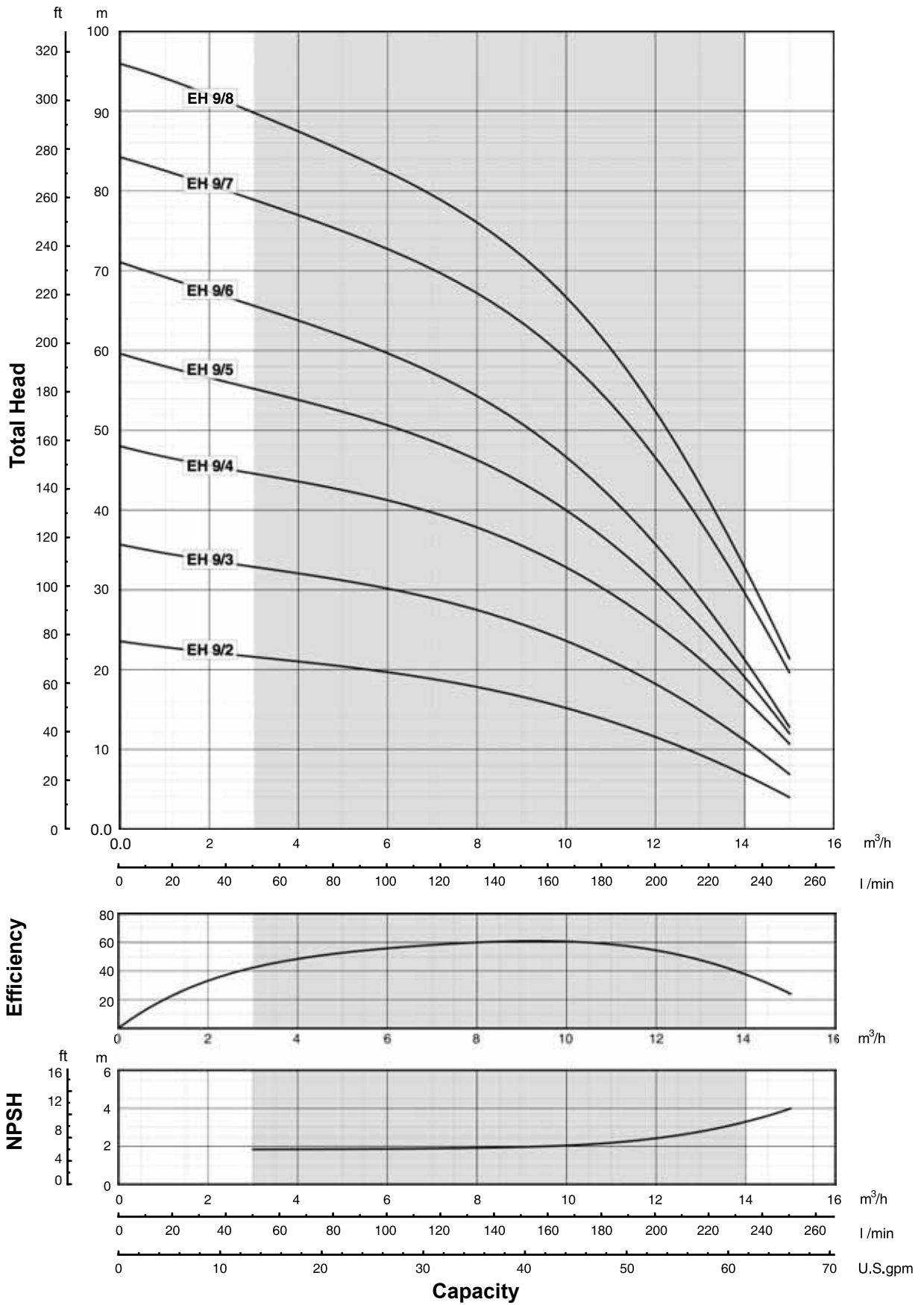
- Single-phase motors: 220-240 V ± 5 % / 50Hz. Thermal protection built into the motor.
- Three-phase motors: 380-415 V ± 5 % / 50Hz. Thermal protection to be provide into the starter pale by the installer.

## Dimensions and weights

Pumps model		Dimensions													Weight (kg)	
Single-phase 220-240V 50Hz	Three-phase 380-415V 50Hz	A mm	E mm	C mm	D mm	F mm	G mm	DN1	DN2	ØB mm	H mm	L1 mm	L2 mm	L3 mm	1~ Single-phase	3~ Three-phase
EH 9/2	EH 9/2T	118	262	158,6	192	380	120	Rp 1" ½	Rp 1" ¼	144	207	74	100,6	-	11,5	11,3
EH 9/3	EH 9/3T	118	262	158,6	192	380	120			144	207	74	100,6	-	13,1	12,9
EH 9/4	EH 9/4T	148	304	188,6	222	452	124			162	214	74	128,1	-	17,1	16,8
-	EH 9/5T	178	304	218,6	252	482	124			162	214	74	128,1	-	-	17,5
-	EH 9/6T	208	304	248,6	282	512	124			162	214	74	128,1	192,1	-	18,1
-	EH 9/7T	238	349	278,6	312	587	131			179	221	74	171,6	222,1	-	25,5
-	EH 9/8T	268	349	308,6	342	617	131			179	221	74	171,6	252,1	-	26,1



**Performance curves 50Hz**



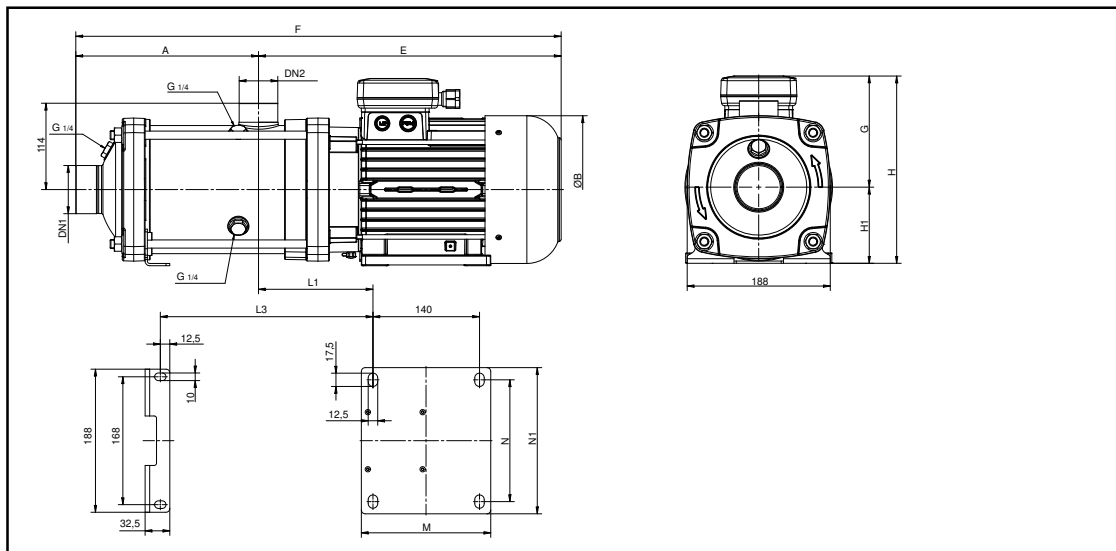
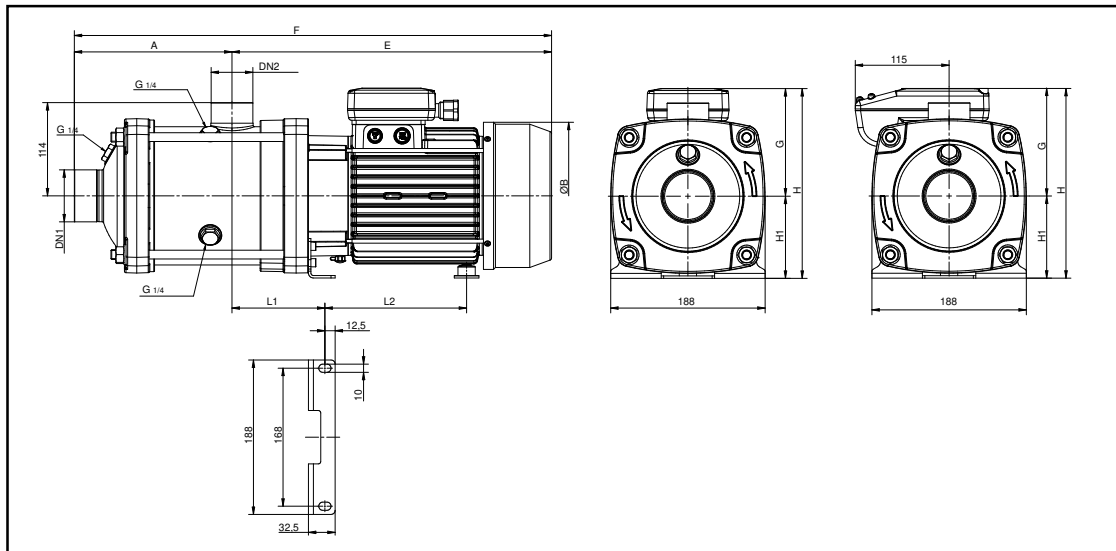
## Technical data 50Hz

Pumps model		NUMERO DI STADI	POTENZA		POTENZA ASSORBITA	CONDENSATORE INTERNO		CORRENTE NOMINALE		
Single-phase 220-240V 50Hz	Three-phase 380-415V 50Hz		kW	HP	kW	µF	V	Single-phase 220-240V 50Hz	Three-phase 220-240V 50Hz 380-415V 50Hz	
-	EH 15/2T	2	1.5	2	1.71	-	-	-	5.7	3.3
-	EH 15/3T	3	2.2	3	2.55	-	-	-	8.3	4.8
-	EH 15/4T	4	3	4	3.38	-	-	-	11.4	6.6
-	EH 15/5T	5	4	5.5	4.22	-	-	-	13.2	7.6
-	EH 15/6T	6	5.5	7.5	5.13	-	-	-	15.2	8.8
-	EH 15/7T	7	5.5	7.5	5.91	-	-	-	17.0	9.8

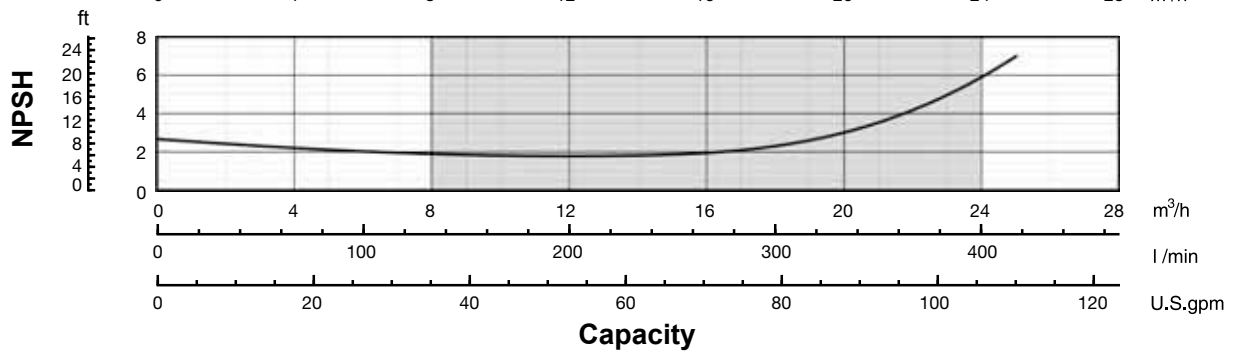
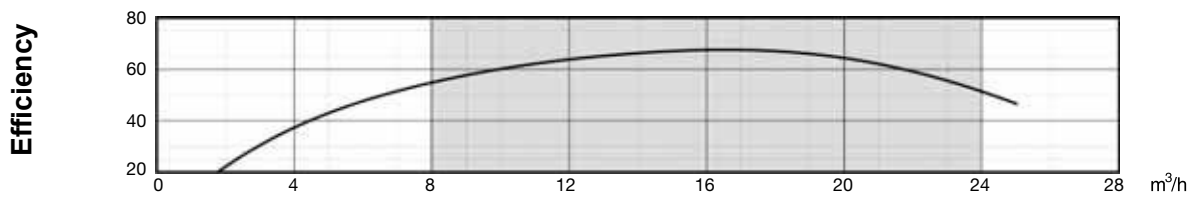
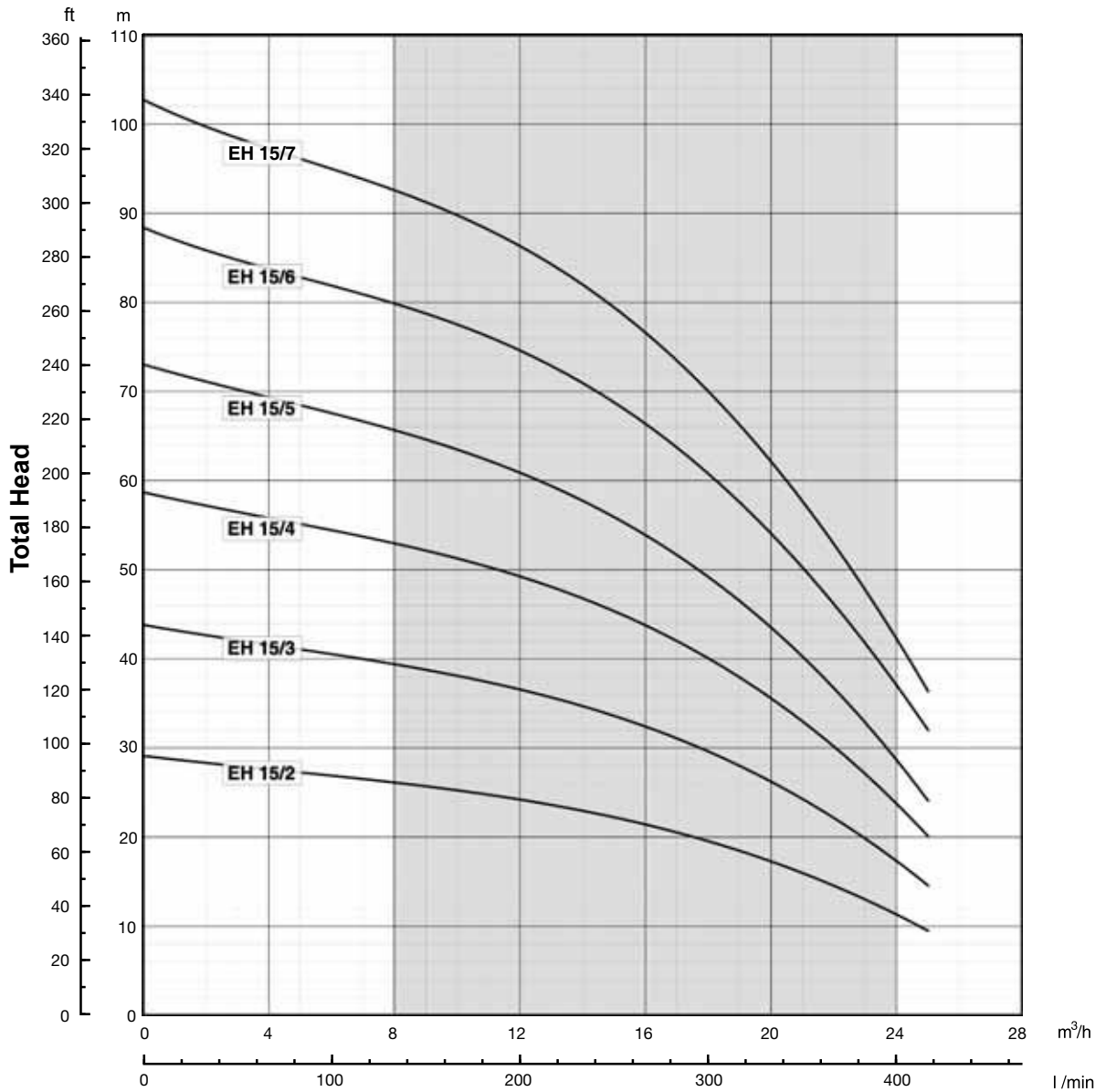
- Three-phase motors: 380-415 V  $\pm$  5 % / 50Hz. Thermal protection to be provide into the starter pale by the installer.

## Dimensions and weights

Pumps model		Dimensions															Weight (kg)			
Single-phase 220-240V 50Hz	Three-phase 380-415V 50Hz	A mm	E mm	F mm	G mm	DN1	DN2	ØB mm	H mm	H1 mm	L1 mm	L2 mm	L3 mm	M mm	N mm	N1 mm	1- Single-phase	3- Three-phase		
-	EH 15/2T	144	344	488	124	Rp 2"	Rp 1" ½	162	224	100	113,1	129,1	-	-	-	-	-	-	20	
-	EH 15/3T	144	388,5	532,5	131			179	231	100	113,1	172,6	-	-	-	-	-	-	-	24,5
-	EH 15/4T	192	388,5	580,5	131			179	231	100	113,1	172,6	-	-	-	-	-	-	-	28,5
-	EH 15/5T	240	397	637	146			194	246	100	150,2	-	279,2	170	160	192	-	-	-	35,5
-	EH 15/6T	288	412	700	151			218	263	112	151,7	-	328,7	180	190	220	-	-	-	47,5
-	EH 15/7T	336	412	748	151			218	263	112	151,7	-	376,7	180	190	220	-	-	-	48,5



**Performance curves 50Hz**



**Capacity**



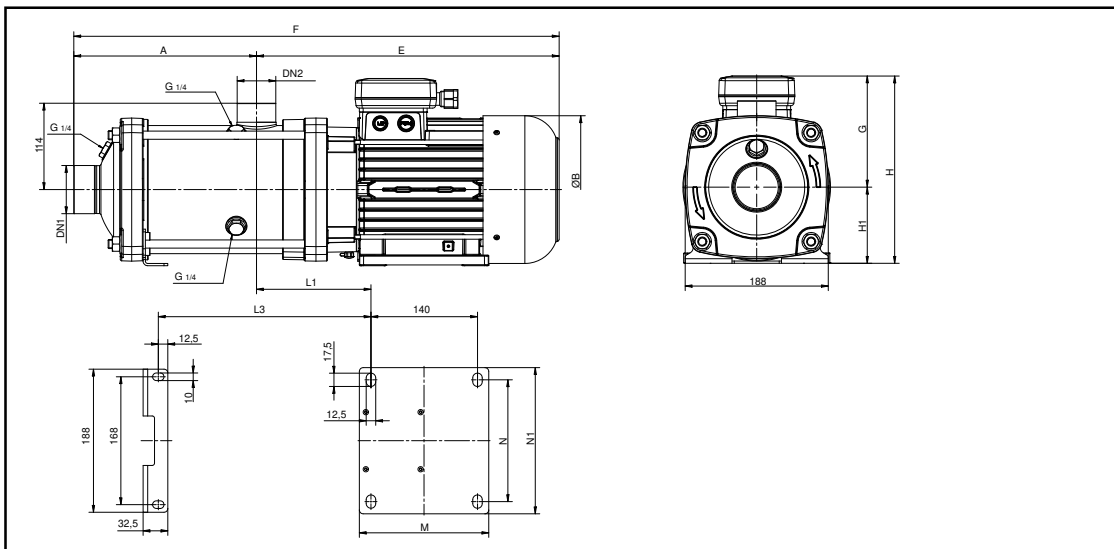
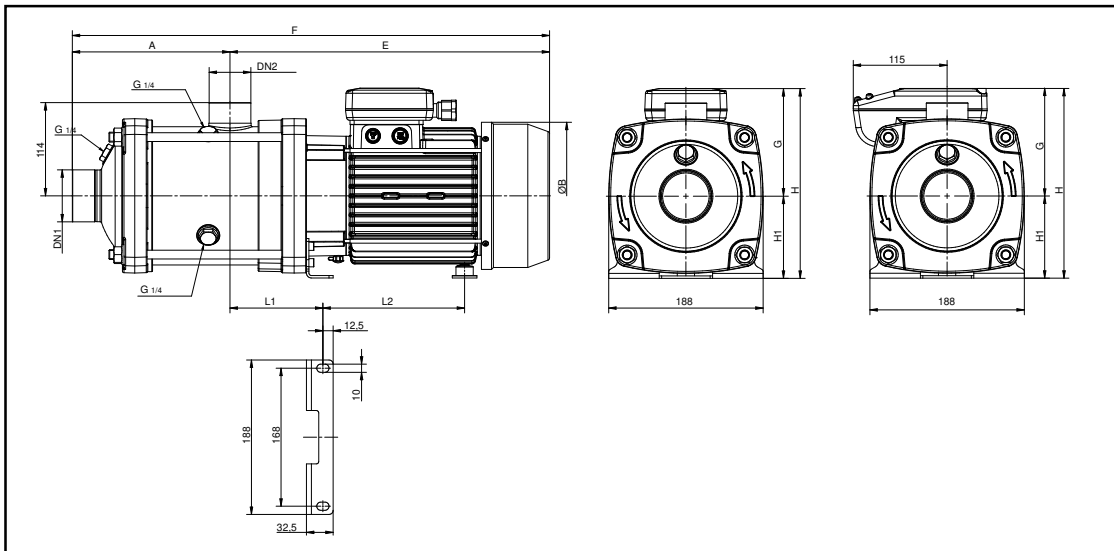
## Technical data 50Hz

Pumps model		NUMBER OF STAGES	POWER		INPUT POWER	INTERNAL CAPACITOR		RATED CURRENT		
Pumps model 220-240V 50Hz	Three-phase 380-415V 50Hz		kW	HP		kW	µF	V	Single-phase 220-240V 50Hz	Three-phase 220-240V 50Hz 380-415V 50Hz
-	EH 20/2T	2	2.2	3	2.35	-	-	-	8.0	4.6
-	EH 20/3T	3	3	4	3.46	-	-	-	11.6	6.7
-	EH 20/4T	4	4	5.5	4.57	-	-	-	14.0	8.1
-	EH 20/5T	5	5.5	7.5	5.79	-	-	-	16.6	9.6

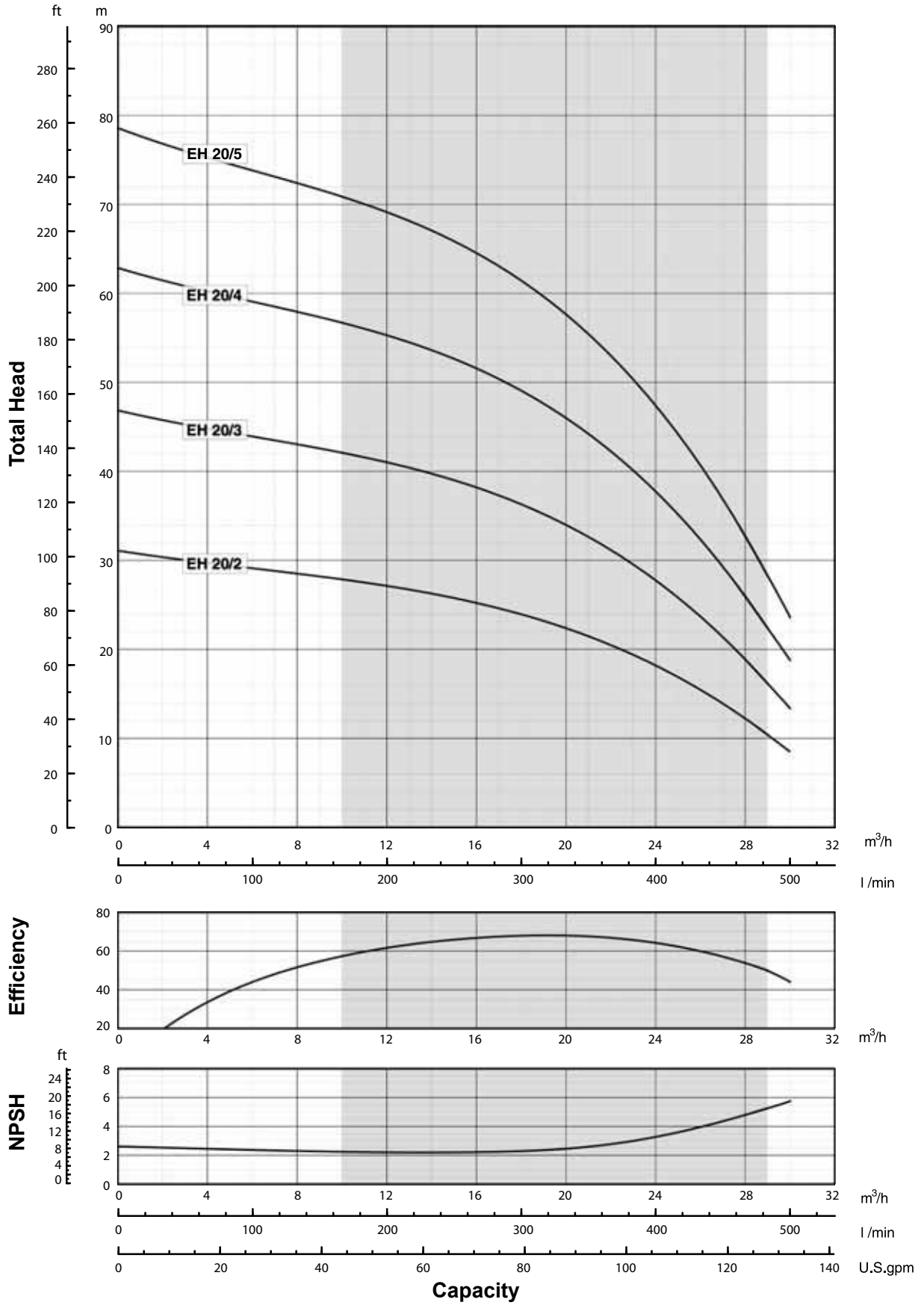
- Three-phase motors: 380-415 V  $\pm$  5 % / 50Hz. Thermal protection to be provide into the starter pale by the installer.

## Dimensions and weights

Pumps model		Dimensions														Weight (kg)			
Single-phase 220-240V 50Hz	Three-phase 380-415V 50Hz	A mm	E mm	F mm	G mm	DN1	DN2	ØB mm	H mm	H1 mm	L1 mm	L2 mm	L3 mm	M mm	N mm	N1 mm	1- Single-phase	3- Three-phase	
-	EH 20/2T	144	388,5	532,5	131	Rp 2"	Rp 1" 1/2	179	231	100	113,1	172,6	-	-	-	-	-	24,5	
-	EH 20/3T	144	388,5	532,5	131			179	231	100	113,1	172,6	-	-	-	-	-	-	27,5
-	EH 20/4T	192	397	589	146			194	246	100	150,2	-	231,2	170	160	192	-	-	34,5
-	EH 20/5T	240	412	652	151			218	263	112	151,7	-	280,7	180	190	220	-	-	46

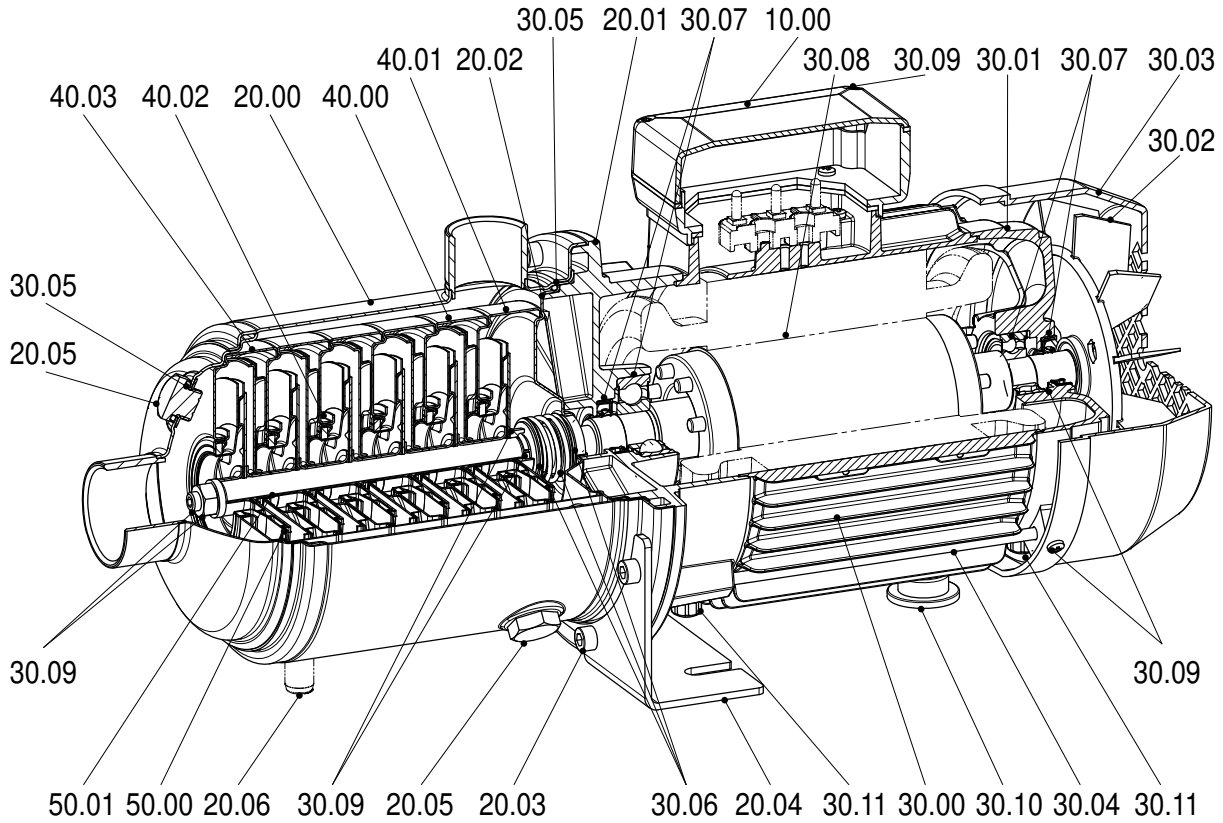


**Performance curves 50Hz**



# EH Series pump section and List of Main components

## EH 3 - 5 - 9

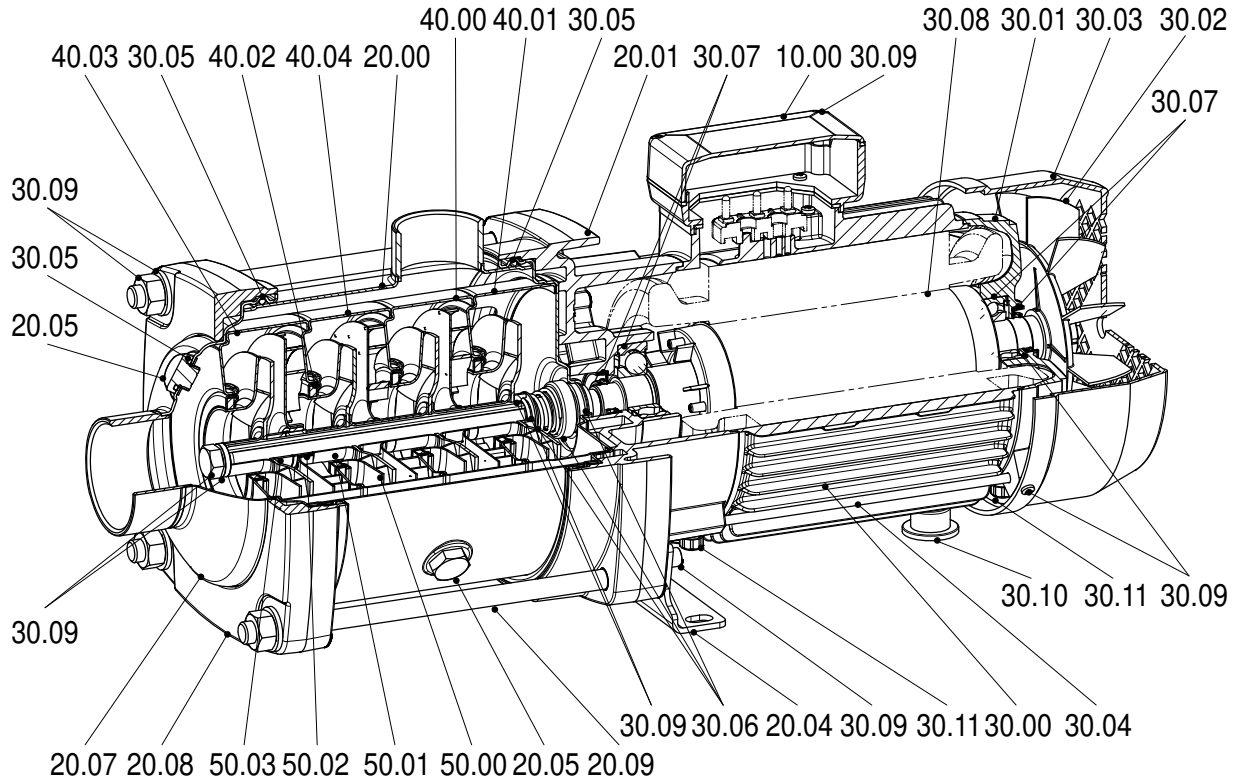


Ref. N.	Description
10.00	Terminal box cover
20.00	Pump casing
20.01	Motor bracket
20.02	Seal housing
20.03	Screws for pump casing
20.04	Support foot
20.05	Filling and draining plugs
20.06	Pump casing foot
30.00	Motor housing and stator
30.01	Bearing housing
30.02	Fan
30.03	Fan cover
30.04	Motor tie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

Ref. N.	Description
30.05	O-Rings
30.06	Mechanical seals
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	Valve plug
40.00	Stage housing and diffuser
40.01	Last stage with holes
40.02	Floating neck ring assembly
40.03	Initial stage housing
50.00	Impeller
50.01	Impeller spacers

# EH Series pump section and List of Main components

## EH 15 - 20



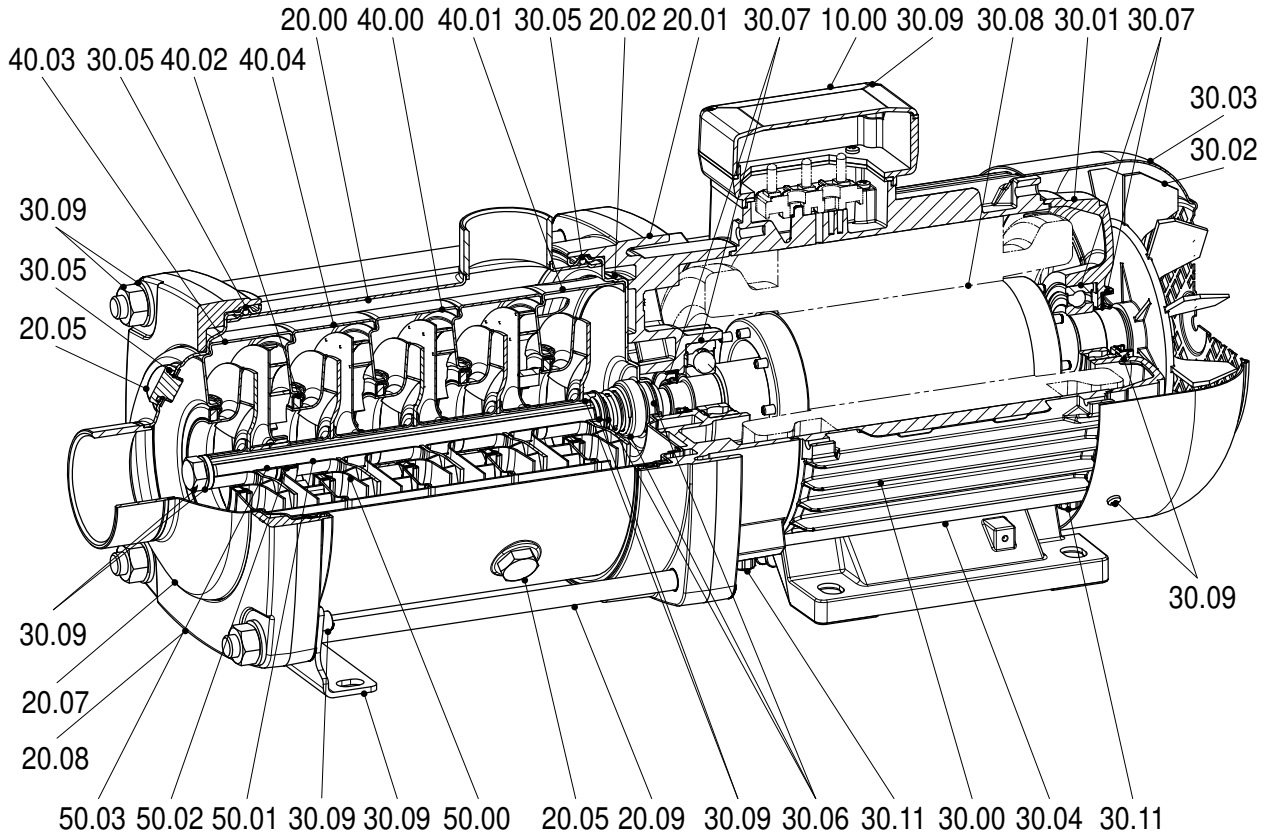
(Configuration up to 3kW)

Ref. N.	Description
10.00	Terminal box cover
20.00	Pump casing
20.01	Motor bracket
20.02	Seal housing
20.04	Impeller spacers
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 seals
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	Valve plug
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	Intermediary sleeve
50.03	Intermediary sleeve spacer

# EH Series pump section and List of Main components

## EH 15 - 20



(Configuration from 4kW)

Ref. N.	Description
10.00	Terminal box cover
20.00	Pump casing
20.01	Motor bracket
20.02	Seal housing
20.04	Support foot
20.05	Filling and draining plugs
20.07	Inlet cover
20.08	Flange
20.09	Flange
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 seals
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	Valve plug
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	Impeller spacers
50.03	Intermediary sleeve spacer