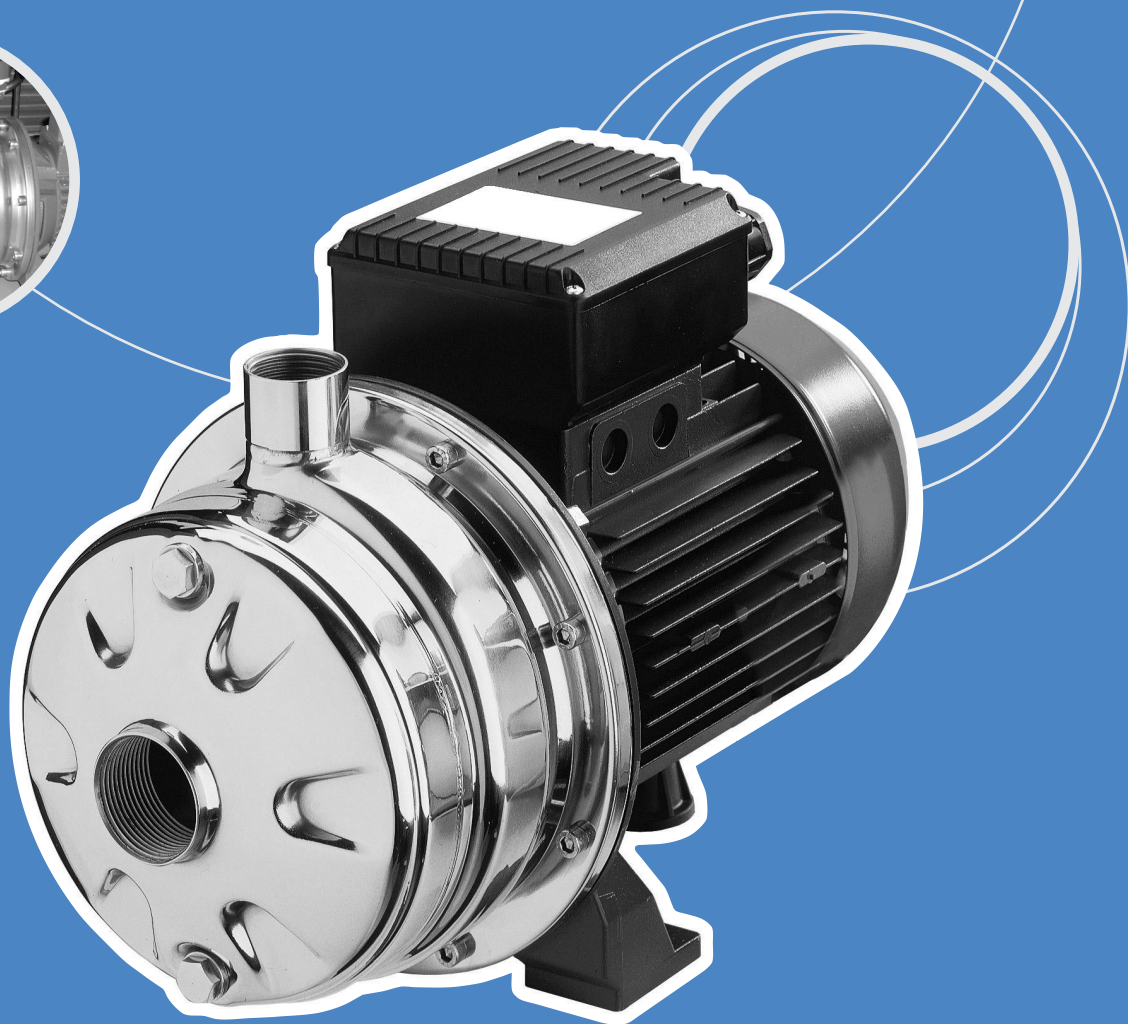
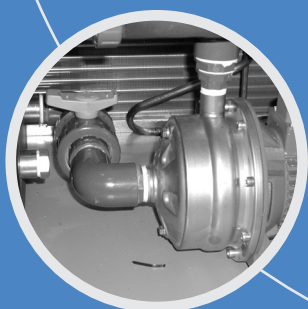


**2AE**



# 2AE

## TWIN IMPELLER CENTRIFUGAL PUMPS IN AISI 304

### SPECIFICATIONS



Twin impeller centrifugal pumps with hydraulic components constructed stainless steel AISI 304 (316 option).

#### APPLICATIONS

- Washing machines
- Water treatment plants
- Conditioning plants
- Heating plants
- Enological and food plants
- Moderately aggressive fluids pumping
- Air / humidification treatment plants

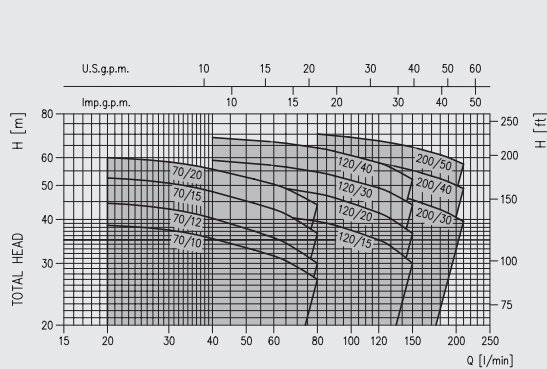
#### TECHNICAL FEATURES

- Hydraulic robust construction
- High performances and efficiency
- Integrated volute obtained from hydro-forming process
- Silent
- Compact dimensions

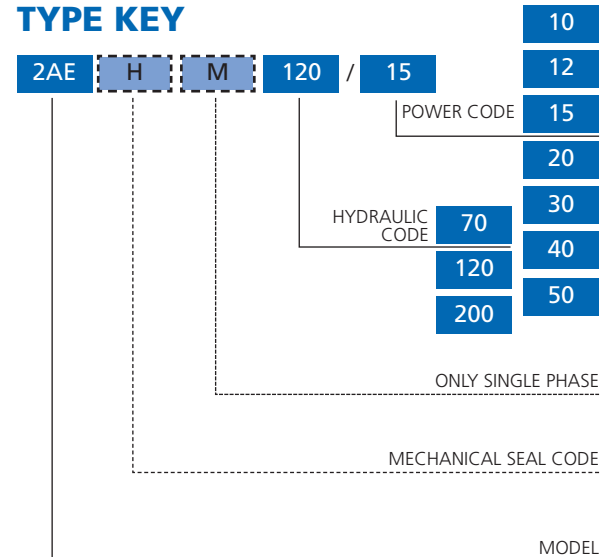
#### TECHNICAL DATA

- Capacity up to 14.4 m<sup>3</sup>/h
- Total head up to 75 m
- T.E.F.C. 2 poles motor
- Insulation class F
- Protection degree IP55
- 1 230V ± 10% 50Hz, 3 230/400V ± 10% 50Hz
- Permanent split capacitor and automatic thermal overload protection for single-phase version
- Thermal protection to be provided by the user for three-phase version
- DNA 1" 1/2 for 2CDX200
- DNA 1" 1/4 for the other models
- DNM 1"

PERFORMANCE CHART  
(according to ISO 9906 Annex A)



#### TYPE KEY



PERFORMANCE TABLE

Pump type		Power		Q=Capacity								
Single-phase	Three-phase	kW	HP	l/min	20	40	60	80	120	150	180	210
				m <sup>3</sup> /h	1,2	2,4	3,6	4,8	7,2	9,0	10,8	12,6
				<b>H=Total manometric head in meters</b>								
2AEM 70/10	2AE 70/10	0,75	1		38,5	35,3	31,5	27	-	-	-	-
2AEM 70/12	2AE 70/12	0,9	1,2		44,5	40,3	35,5	30	-	-	-	-
2AEM 70/15	2AE 70/15	1,1	1,5		52,5	48	42,8	36,5	-	-	-	-
2AEM 70/20	2AE 70/20	1,5	2		60	55,6	50,4	44	-	-	-	-
2AEM 120/15	2AE 120/15	1,1	1,5		-	42	41	39,5	35	30	-	-
2AEM 120/20	2AE 120/20	1,5	2		-	51,5	49,5	47,4	41,8	36,5	-	-
-	2AE 120/30	2,2	3		-	59	57	54,6	49,2	44	-	-
-	2AE 120/40	3	4		-	68,5	66,5	64	58	52	-	-
-	2AE 200/30	2,2	3		-	-	52	50,8	48,1	45,5	42,7	39,5
-	2AE 200/40	3	4		-	-	62,5	61,1	58	55,2	52,3	49
-	2AE 200/50	3,7	5,5		-	-	71,5	70,1	67	64,3	61,2	57,5

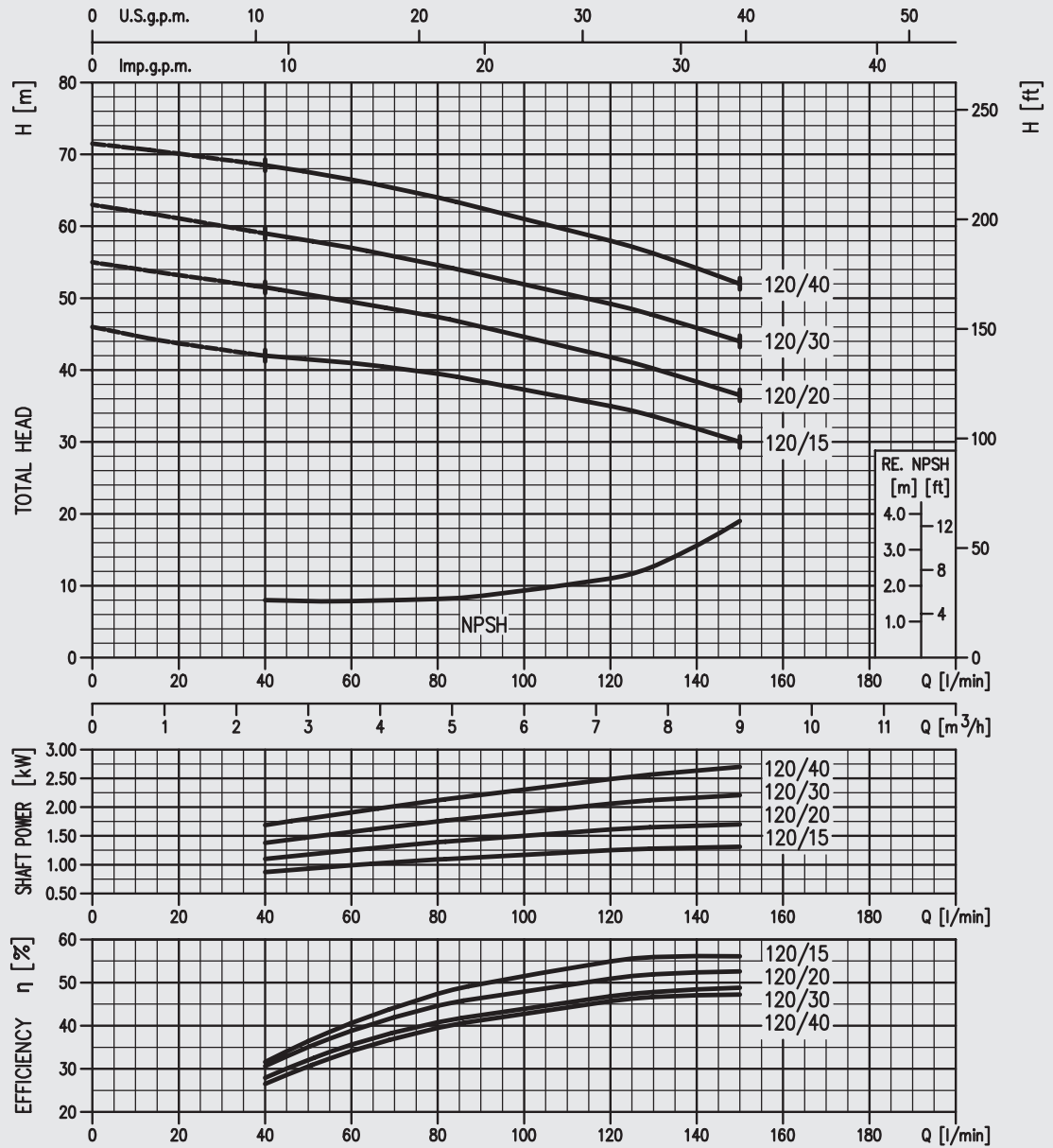
# 2AE

## TWIN IMPELLER CENTRIFUGAL PUMPS IN AISI 304

### PERFORMANCE CURVES

2AE 120/15 (1.10 kW) Impeller diameter = 132/132  
 2AE 120/20 (1.50 kW) Impeller diameter = 132/157  
 2AE 120/30 (2.20 kW) Impeller diameter = 157/157  
 2AE 120/40 (3.00 kW) Impeller diameter = 157/176

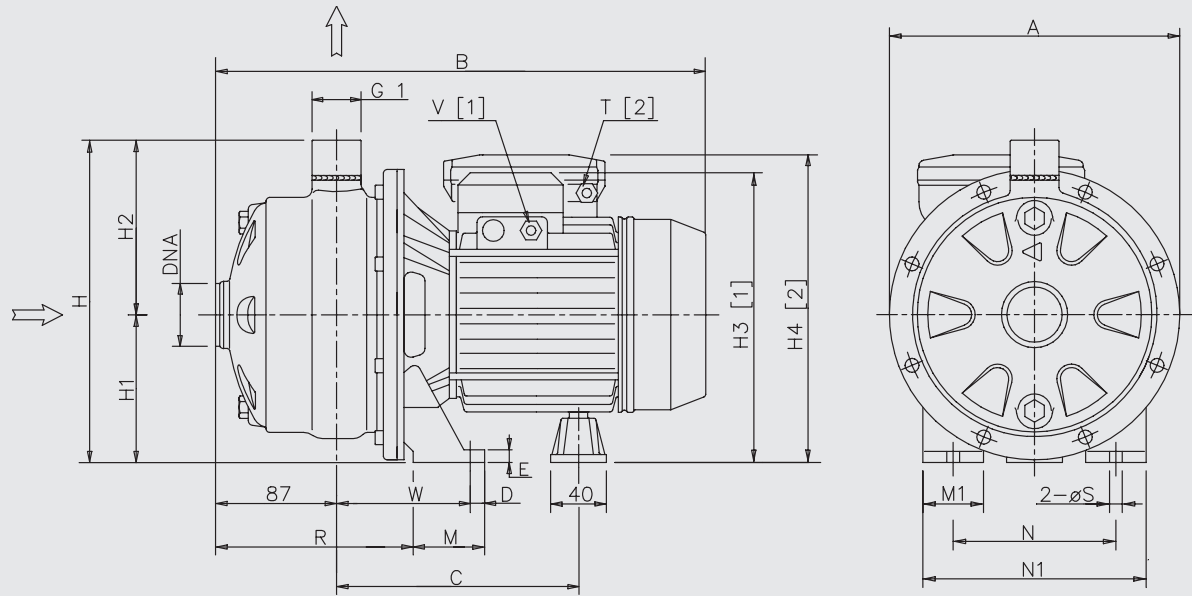
2800 m<sup>-1</sup>



# 2AE

## TWIN IMPELLER CENTRIFUGAL PUMPS IN AISI 304

### DIMENSIONS



Dimensional table

Pump type 2AEM 2AE	Dimensions (mm)																			
	DNA	A	B	C	D	E	H	H1	H2	H3	H4	M	M1	N	N1	R	T	V	W	S
70/10	G 1 1/4	208	355	169	12.5	8	229	106	123	206	210	50	38	120	160	142,5	PG11	PG11	93	9
70/12	G 1 1/4	208	355	169	12.5	8	229	106	123	206	231	50	38	120	160	142,5	PG13,5	PG11	93	9
70/15	G 1 1/4	232	385	199	12.5	8	250	118	132	238	251	55	40	140	180	140	PG13,5	PG11	95	9
70/20	G 1 1/4	232	385	199	12.5	8	250	118	132	238	251	55	40	140	180	140	PG13,5	PG11	95	9
120/15	G 1 1/4	208	380	199	12.5	8	229	106	123	226	239	55	40	140	180	140	PG13,5	PG11	95	9
120/20	G 1 1/4	208	380	199	12.5	8	229	106	123	226	239	55	40	140	180	140	PG13,5	PG11	95	9
120/30	G 1 1/4	232	393	210	12.5	8	250	118	132	242	-	65	40	140	180	144	-	PG13,5	109	9
120/40	G 1 1/4	232	394	210	12.5	8	250	118	132	242	-	65	40	140	180	144	-	PG13,5	109	9
200/30	G 1 1/2	208	394	210	12.5	8	229	106	123	230	-	65	40	140	180	144	-	PG13,5	109	9
200/40	G 1 1/2	232	394	210	12.5	8	250	118	132	242	-	65	40	140	180	144	-	PG13,5	109	9
200/50	G 1 1/2	232	450	236	16	13	250	118	132	255	-	68	50	160	210	144	-	PG16	109	12

[1] Three phase

[2] Single phase