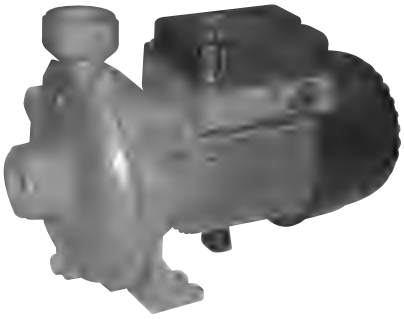
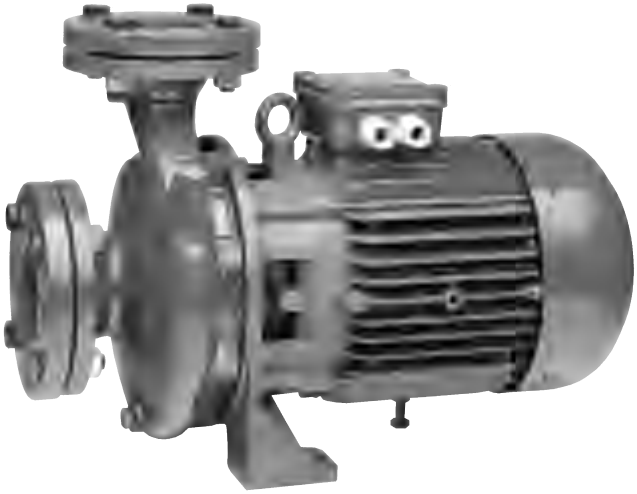
K
SINGLE IMPELLER PUMPS





CE

GENERAL DATA

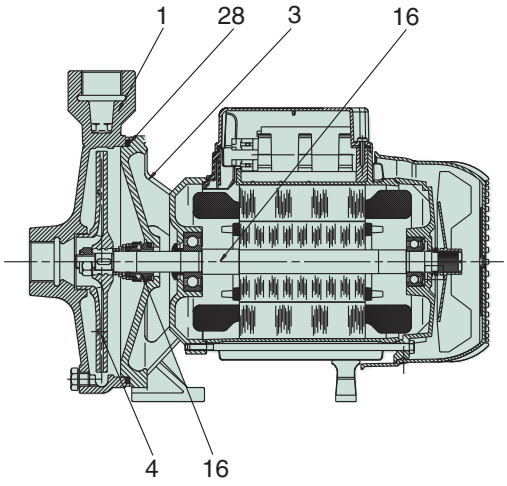
Applications
Single impeller centrifugal pump suitable for domestic, civil, industrial and agricultural installations and for decanting, mixing and irrigating uses.

Constructional features of the pump
Cast iron pump body and motor support.
Technopolymer or cast iron impeller, as indicated in the table of TECHNICAL DATA.
Carbon/ceramic mechanical seal.

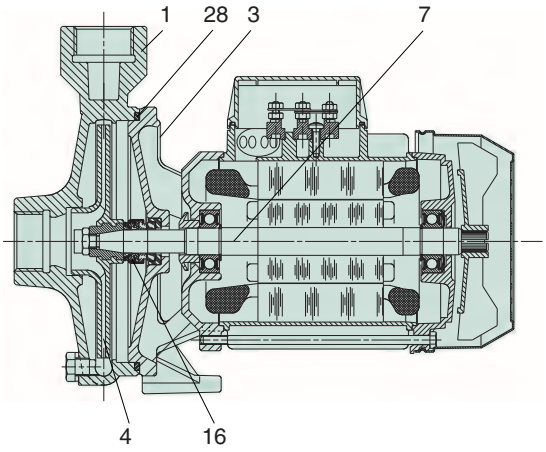
Constructional features of the motor
Induction motor, closed and cooled with external ventilation.
Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and long life.
Built-in thermal and current overload protection and a capacitor permanently in circuit in the single-phase version.
Three-phase motors should be protected with a suitable overload protection complying with the regulations in force.
Manufactured according to CEI 2-3 standards.
Motor protection: IP44 (IP 55 for motor to 2,2 - 3 - 4 - 5,5 - 7,5 - 9,2 - 11 kW)
Terminal box protection: IP55
Insulation class: F

Standard voltage:	single-phase	220-240 V/50 Hz
	three-phase	230-400 V/50 Hz up to and including 4 kW
		400 V ∅50 Hz over 4 kW

TECHNICAL DATA



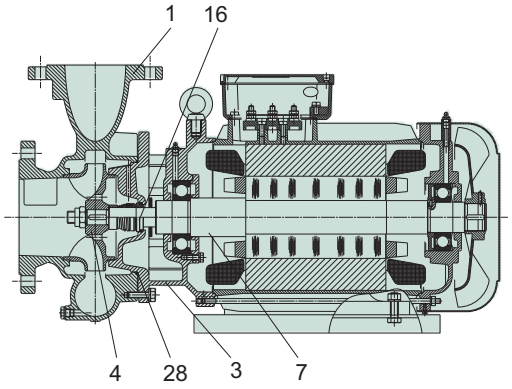
K 30/100 - K 36/100



N.	PARTS*	MATERIALS	MODELS
1	PUMP BODY	CAST IRON 200 UNI ISO 185	
3	SUPPORT	CAST IRON 200 UNI ISO 185	
4	IMPELLER	TECHNOPOLYMER A	K 20/41; K 30/70; K 30/100; K 36/100; K 12/200; K 36/200; K 40/200.
		TECHNOPOLYMER B	K 55/200
		CAST IRON 200 UNI ISO 185	K 14/400; K 11/500; K 18/500; K 28/500; K 40/400; K 50/400; K 30/800; K 40/800; K 50/800; K 20/1200; K 25/1200; K 35/1200.
7	SHAFT WITH ROTOR	STAINLESS STEEL AISI 416 X12CrS13 UNI 6900/71	K 20/41; K 30/70; K 12/200
		STAINLESS STEEL AISI 303 X10CrNiS 1089 UNI 6900/71	K 30/100; K 36/100; K 36/200; K 40/200; K 55/200; K14/400; K 11/500; K 18/500; K 28/500.
		STAINLESS STEEL AISI 304 X5CrNi 1810 UNI 6900/71	K 40/400; K 50/400; K 30/800; K 40/800; K 50/800; K 20/1200; K 25/1200; K 35/1200.
16	MECHANICAL SEAL	CARBON/CERAMIC	
28	OR GASKET	NBR RUBBER	
		EPDM RUBBER	K 36/200; K 40/200; K 55/200; K 14/400; K 11/500; K 18/500; K 28/500; K 30/800; K 40/800; K 50/800; K 20/1200; K 25/1200; K 35/1200.

* In contact with the liquid.

K 36/200 - K 40/200 - K 55/200
K 14/400 - K 11/500 - K 18/500
K 28/500 - K 40/400 - K 50/400
K 30/800 - K 40/800 - K 50/800
K 20/1200 - K 25/1200 - K 35/1200



- Operating range: from 1.8 to 96 m³/h with head up to 62 metres
- Liquid quality requirements: clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized, chemically neutral, close to the characteristics of water.
- Liquid temperature range:
  K 20/41, K 30/70, K 30/100, K 36/100
  K 12/200, K 36/200, K 40/200 : from -10°C to +50°C
  The rest of the range : from -15°C to +110°C
- Maximum ambient temperature: +40°C
- Maximum operating pressure:
  K 20/41, K 30/70,
  K 30/100, K 36/100, K 12/200, K 14/400 : 6 bar (600 kPa)
  K 36/200, K 40/200, K 55/200,
  K 11/500, K 18/500, K 28/500 : 8 bar (800 kPa)
  K 40/400, K 50/400,
  K 30/800, K 40/800, K 50/800,
  K 20/1200, K 25/1200, K 35/1200 : 10 bar (1000 kPa)
- Installation: fixed in a horizontal or vertical position, as long as the motor is above the pump
- Special executions on request: other voltages and/or frequencies

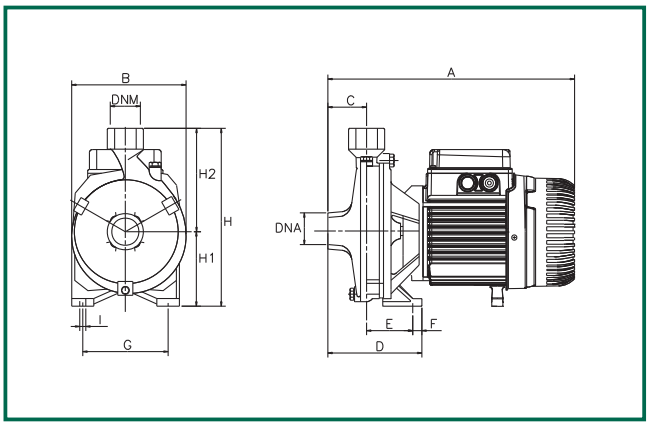
DAB PUMPS reserve the right to make modifications without prior notice

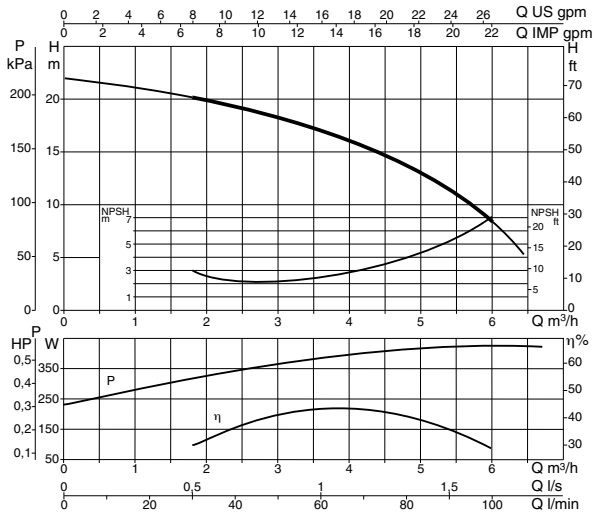
DAB PUMP PERFORMANCE

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -10°C to +50°C
Maximum ambient temperature: +40°C

K 20/41

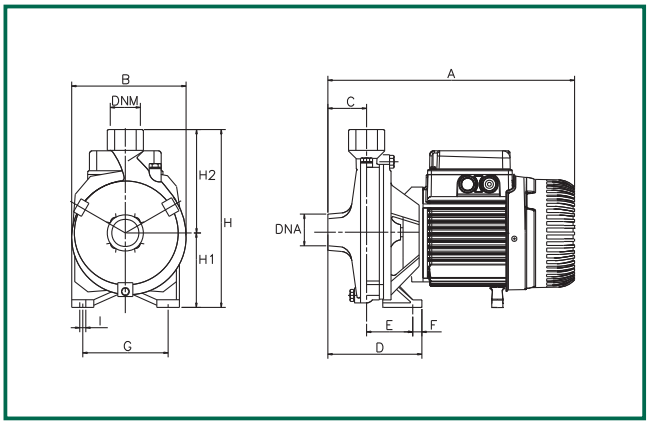


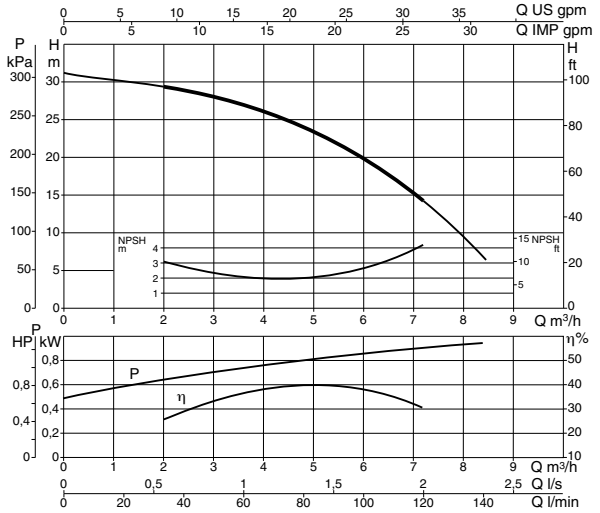


MODEL	A	B	C	D	E	F	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	PACKING DIMENSIONS L/B	PACKING DIMENSIONS H	VOLUME m³	WEIGHT Kg
K 20/41	300	160	50	100	50	15	110	9	205	85	120	1" G-M	1" G-M	332	202	257	0,024	10,1

MODEL	ELECTRICAL DATA											HYDRAULIC DATA (n ≃ 2800 1/min)						
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	1,8	2,4	3,6	4,8	6
												Q l/min	0	30	40	60	80	100
K 20/41 M	1x220-240 V ~	0,65	0,37	0,5	3	8,5	2800	66,8	0,98	10	450	H (m)	22	20,2	19,4	17	13,5	8
K 20/41 T	3x230-400 V ~	0,64	0,37	0,5	2,3-1,3	8,6-5	2800	72,9	0,78	–	–							

K 30/70





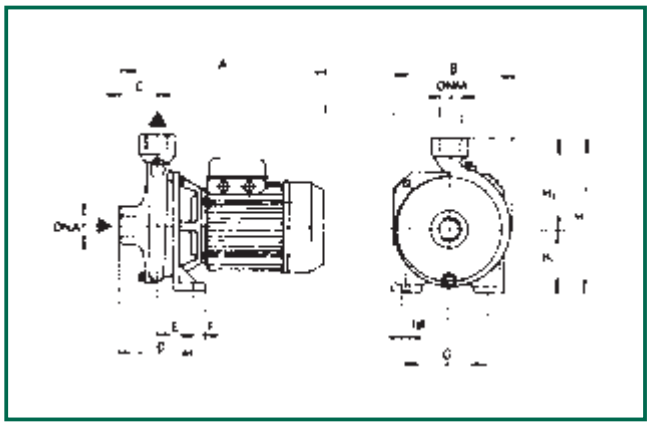
MODEL	A	B	C	D	E	F	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	PACKING DIMENSIONS L/B	PACKING DIMENSIONS H	VOLUME m³	WEIGHT Kg
K 30/70	330	185	50	108	58	15	140	9	235	100	135	1" G-M	1" G-M	386	226	272	0,024	14,8

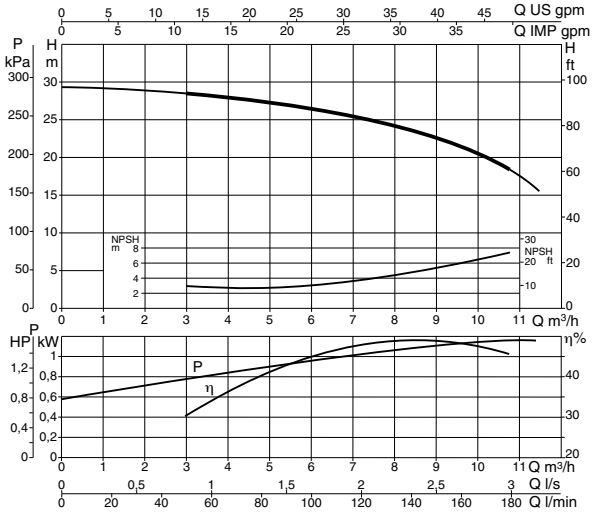
MODEL	ELECTRICAL DATA											HYDRAULIC DATA (n ≃ 2800 1/min)							
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	1,8	2,4	3,6	4,8	6	7,2
												Q l/min	0	30	40	60	80	100	120
K 30/70 M	1x220-240 V ~	1,3	0,75	1	6	15,8	2800	71,4	0,96	20	450	H (m)	31,8	29,5	28,9	27	24,2	19,8	13,5
K 30/70 T	3x230-400 V ~	1,2	0,75	1	4,3-2,5	22,1-12,8	2820	76,4	0,79	–	–								

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -10°C to +50°C
Maximum ambient temperature: +40°C

K 30/100

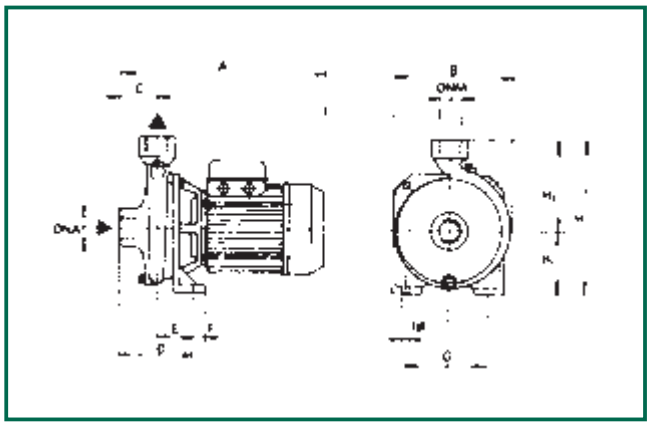


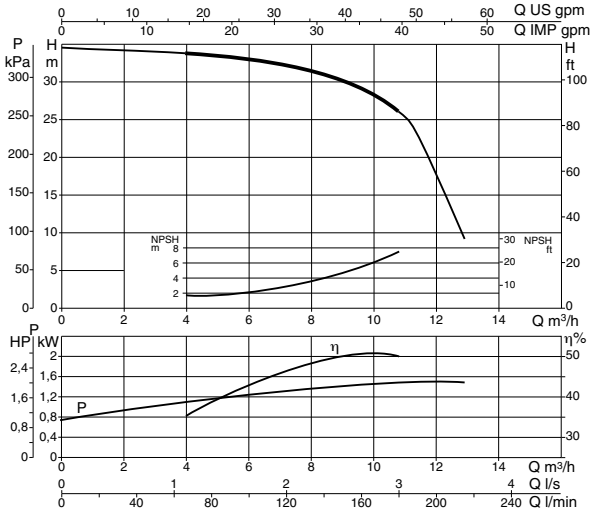


MODEL	A	B	C	D	E	F	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg
K 30/100	333	200	50	114	64	15	140	9	255	105	150	1½" G	1" G	427	246	307	0,032	18,5

MODEL	ELECTRICAL DATA											HYDRAULIC DATA (n ≃ 2800 1/min)									
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	2,4	3,6	4,8	6	7,2	8,4	9,6	10,8
												Q l/min	0	40	60	80	100	120	140	160	180
K 30/100 M	1x220-240 V ~	1,6	1,1	1,5	7,1	33	2800	75,6	0,97	31,5	450	H (m)	29,2	29	28,8	28	26,8	25,3	23,5	21,5	18,5
K 30/100 T	3x230-400 V ~	1,63	1,1	1,5	5,5-3,2	31,1-18	2860	78,9	0,82	–	–										

K 36/100





MODEL	A	B	C	D	E	F	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg
K 36/100	333	200	50	114	64	15	140	9	255	105	150	1½" G	1" G	427	246	307	0,032	19,7

MODEL	ELECTRICAL DATA											HYDRAULIC DATA (n ≃ 2800 1/min)									
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	2,4	3,6	4,8	6	7,2	8,4	9,6	10,8
												Q l/min	0	40	60	80	100	120	140	160	180
K 36/100 M	1x220-240 V ~	2,1	1,85	2,5	8,8	45	2850	80,2	0,96	40	450	H (m)	34,9	34,8	34,6	34	33	32	30,8	29	26,5
K 36/100 T	3x230-400 V ~	2	1,85	2,5	6,9-4	37,5-21,7	2870	80,7	0,78	–	–										

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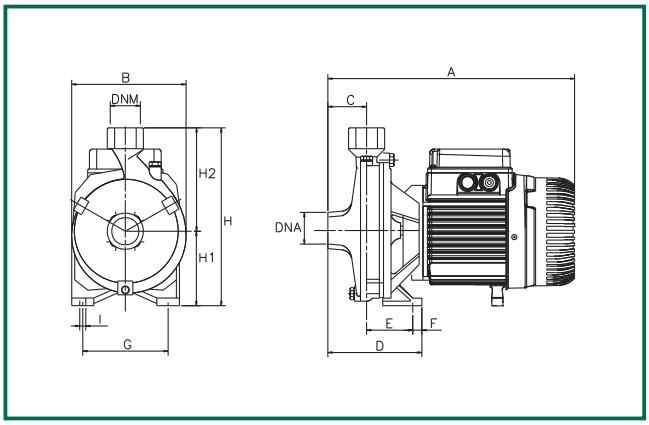
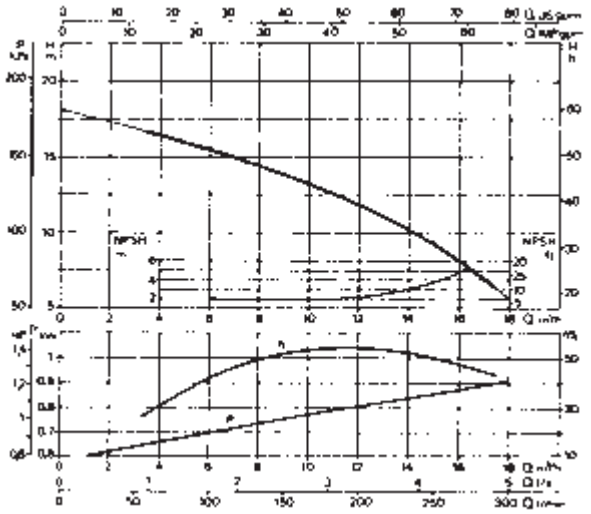
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -10°C to +50°C
Maximum ambient temperature: +40°C

K 12/200

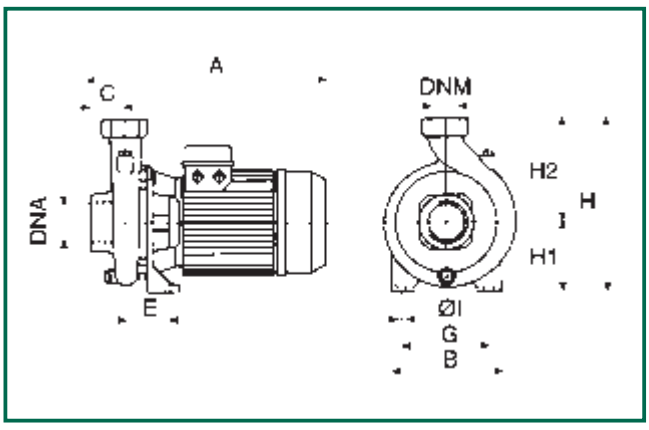


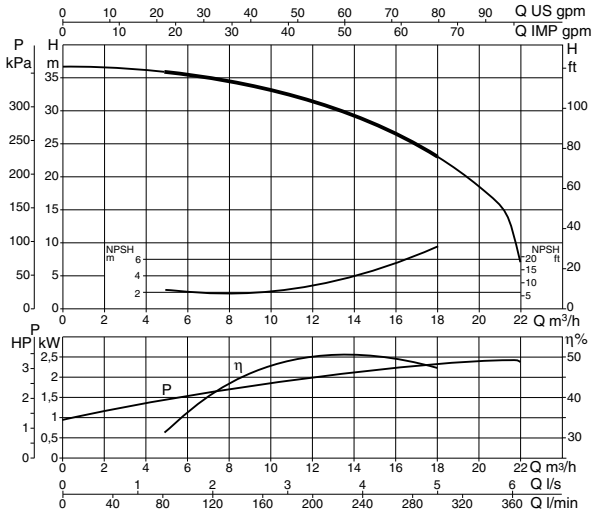


MODEL	A	B	C	D	E	F	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	PACKING DIMENSIONS L/B	PACKING DIMENSIONS H	VOLUME m³	WEIGHT Kg
K 12/200	335	169	45	114	69	15	110	9	210	85	125	1½" G-M	1½" G-M	392	232	280	0,024	14

MODEL	ELECTRICAL DATA											HYDRAULIC DATA (n ≃ 2800 1/min)										
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	2,4	3,6	4,8	6	7,2	9,6	12	14,4	16,8
												Q l/min	0	40	60	80	100	120	160	200	240	280
K 12/200 M	1x220-240 V ~	1,05	0,75	1	4,6	18,5	2790	73,5	0,98	20	450	H (m)	18,4	17,2	16,5	16	15,3	14,7	13,1	11,4	9,5	6,8
K 12/200 T	3x230-400 V ~	1,02	0,75	1	3,6-2,1	22,1-12,8	2860	78,9	0,72	–	–											

K 36/200





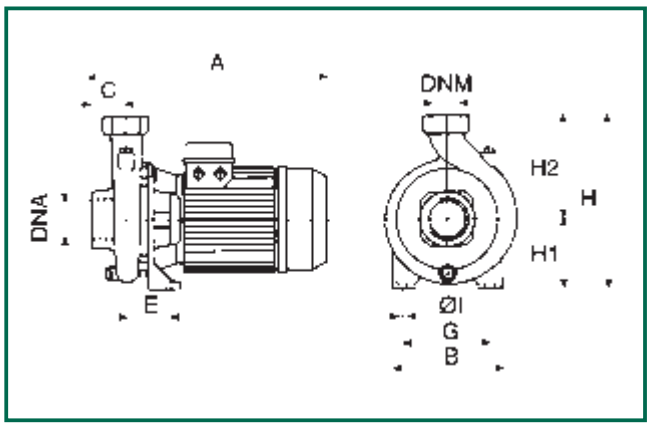
MODEL	A	B	C	E	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	PACKING DIMENSIONS L/B	PACKING DIMENSIONS H	VOLUME m³	WEIGHT Kg
K 36/200 T	425	250	55	86	175	14	320	135	185	2" G	1¼" G	512	276	345	0,049	32,1

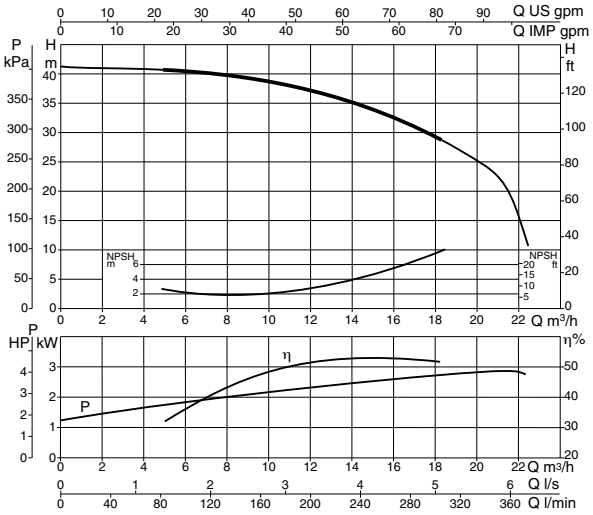
MODEL	ELECTRICAL DATA									HYDRAULIC DATA (n ≃ 2860 1/min)											
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	2,4	4,8	7,2	9,6	10,8	12	14,4	16,8	18
										Q l/min	0	40	80	120	160	180	200	240	280	300
K 36/200 T	3x230-400 V ~	3	2,2	3	9-5,2	45-26	2860	78,2	0,87	H (m)	36,6	36,5	36	35	33,3	32,5	31,5	29	25,6	23,5

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -15°C to +50°C
Maximum ambient temperature: +40°C

K 40/200



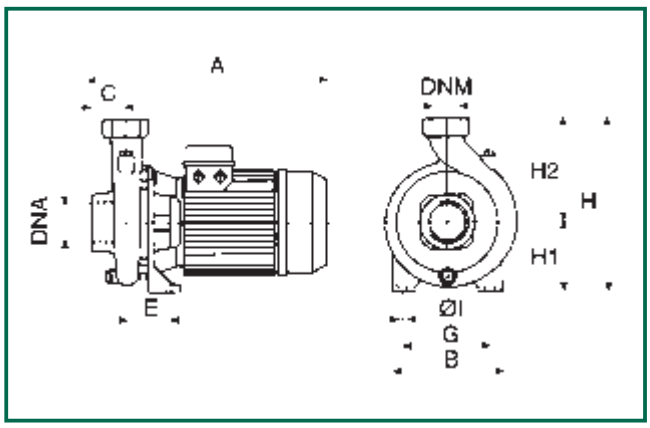


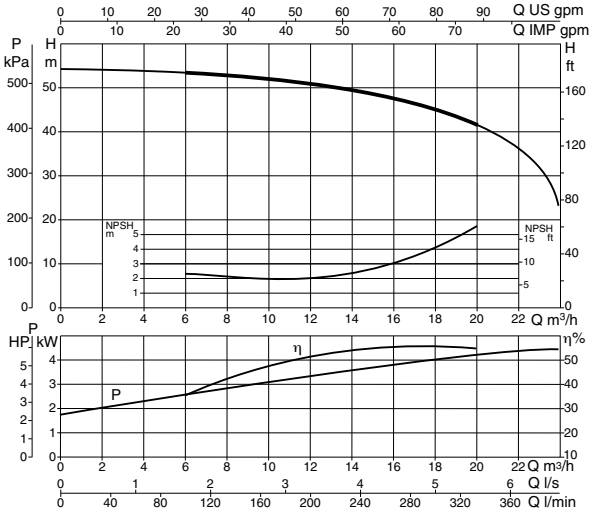
MODEL	A	B	C	E	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg
K 40/200	425	250	55	86	175	14	320	135	185	2" G	1¼" G	512	276	345	0,049	33,9

MODEL	ELECTRICAL DATA									HYDRAULIC DATA (n ≃ 2830 1/min)								
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	4,8	7,2	9,6	12	14,4	16,8	18,6
										l/min	0	80	120	160	200	240	280	310
K 40/200 T	3x230-400 V ~	4	3	4	11,1-6,4	67,5-39	2830	78,9	0,84	H (m)	41,3	41	40	38,8	37	34	31	28

K 55/200

Liquid temperature range: da -15°C to +110°C
Maximum ambient temperature: +40°C





MODEL	A	B	C	E	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg
K 55/200	425	250	55	86	175	14	320	135	185	2" G	1¼" G	512	276	345	0,049	33,9

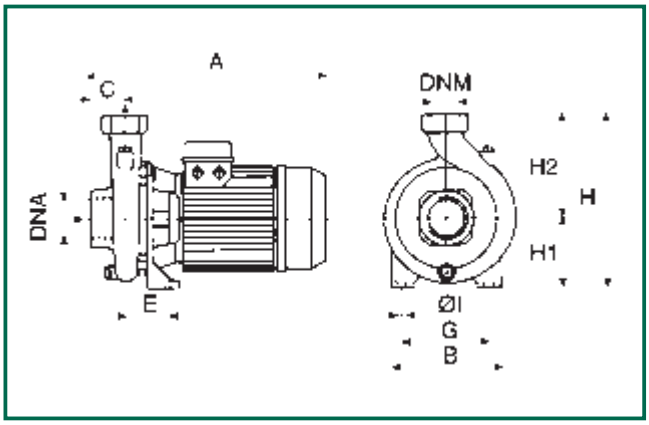
MODEL	ELECTRICAL DATA									HYDRAULIC DATA (n ≃ 2880 1/min)									
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	6	7,2	9,6	12	14,4	16,8	19,2	20,1
										l/min	0	100	120	160	200	240	280	320	335
K 55/200 T	3x230-400 V ~	5,1	4	5,5	16,3-9,4	104-60	2880	81,2	0,83	H (m)	54	54	53,9	53	51,5	49,3	46,5	43,5	42

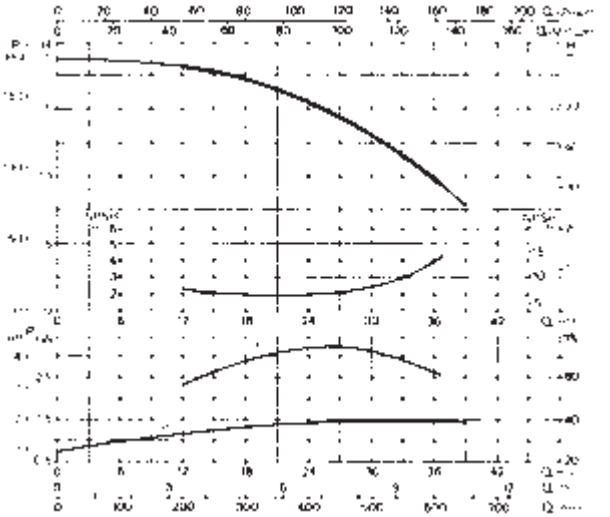
DAB PUMPS reserve the right to make modifications without prior notice

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -15°C to +110°C
Maximum ambient temperature: +40°C

K 14/400

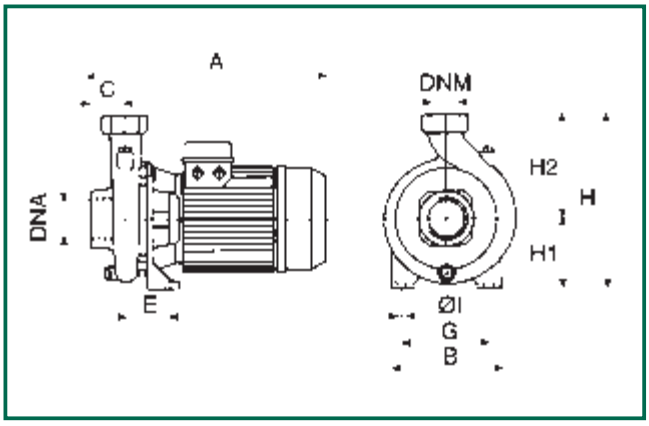


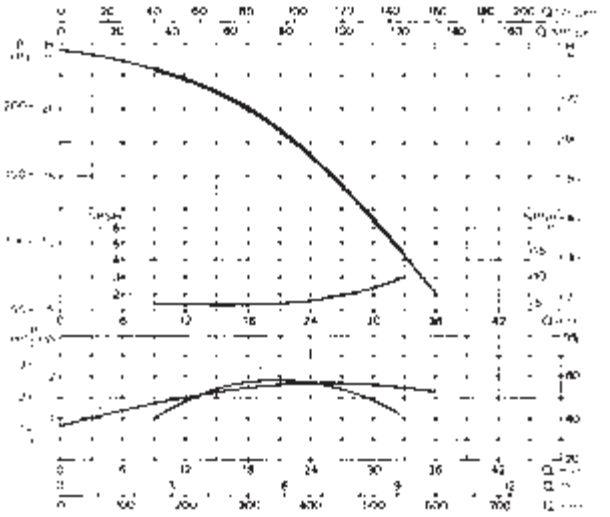


MODEL	A	B	C	E	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg
K 14/400 M	430	200	62	74	120	11	270	105	165	2" G	2" G	427	246	307	0,032	24,5
K 14/400 T	358	200	62	74	120	11	270	105	165	2" G	2" G	427	246	307	0,032	22

MODEL	ELECTRICAL DATA											HYDRAULIC DATA (n ≃ 2850 1/min)										
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	6	9	12	15	18	24	30	36	39
												l/min	0	100	150	200	250	300	400	500	600	650
K 14/400 M	1x220-240 V ~	2,1	1,85	2,5	9,5	38	2850	72,0	0,95	40	450	H (m)	19	19	18,9	18,8	18,5	18	16,3	13,8	10	8,2
K 14/400 T	3x230-400 V ~	2,1	1,85	2,5	7-4	37,5-21,7	2850	80,5	0,83	–	–											

K 11/500





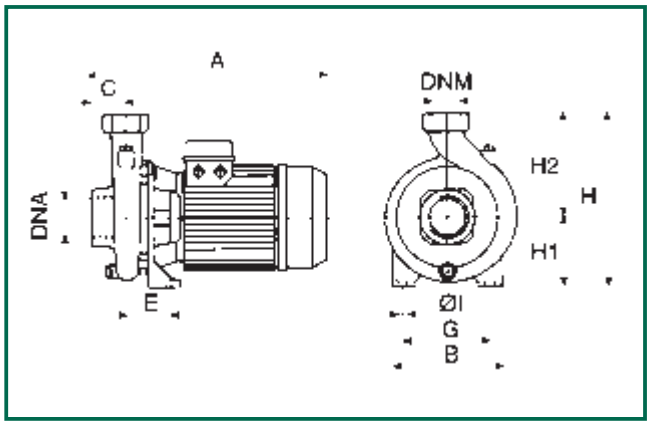
MODEL	A	B	C	E	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg
K 11/500	440	240	62	100	155	14	312	132	180	2½" G	2" G	512	286	345	0,049	33,2

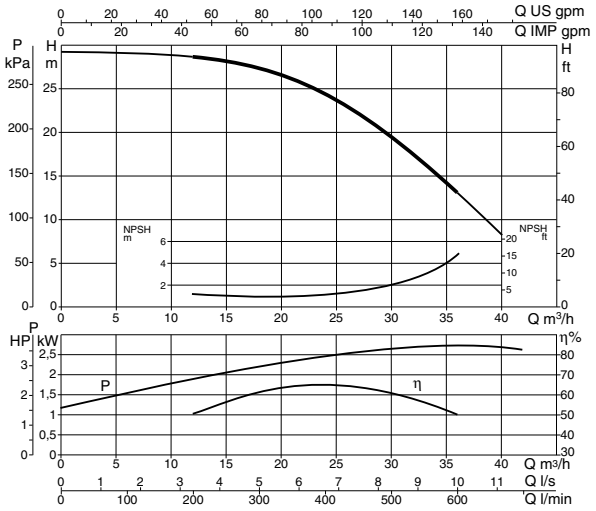
MODEL	ELECTRICAL DATA									HYDRAULIC DATA (n ≃ 2900 1/min)									
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	6	9	12	15	18	24	30	36
										l/min	0	100	150	200	250	300	400	500	600
K 11/500 T	3x230-400 V ~	2,6	2,2	3	7,6-4,4	45-26	2900	81,2	0,81	H (m)	24,5	23,5	23	22,5	21,5	20	16,5	11,5	6,5

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -15°C to +110°C
Maximum ambient temperature: +40°C

K 18/500

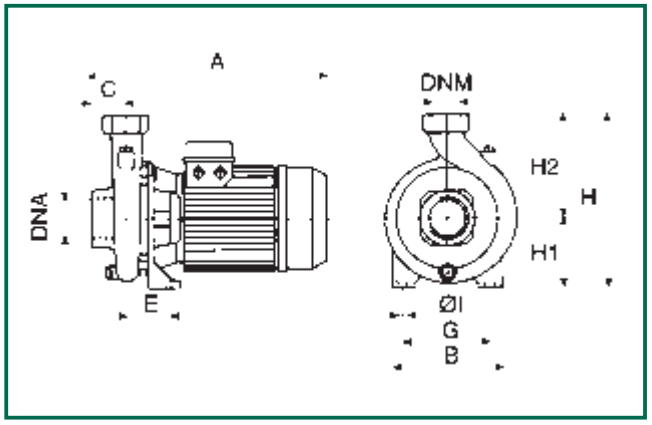


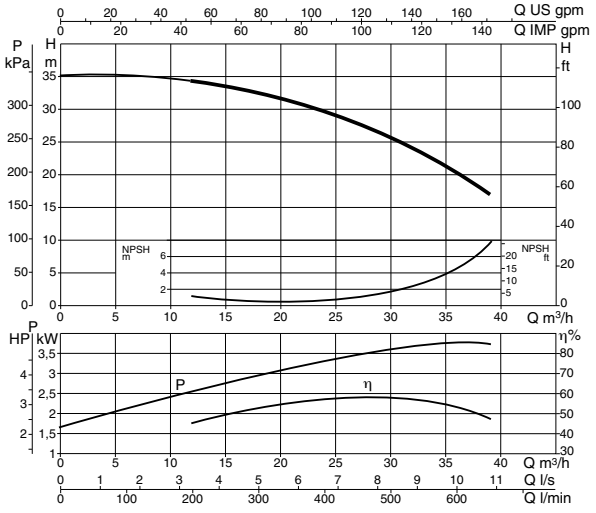


MODEL	A	B	C	E	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg
K 18/500	440	240	62	100	155	14	312	132	180	2½" G	2" G	512	286	345	0,049	35,6

MODEL	ELECTRICAL DATA									HYDRAULIC DATA (n ≃ 2900 1/min)									
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	6	12	15	18	24	30	36
										l/min	0	100	200	250	300	400	500	600
K 18/500 T	3x230-400 V ~	3,4	3	4	10,2-5,9	67,5-39	2870	81,2	0,83	H (m)	29,6	29,5	29,2	28,5	27,4	24	19,5	13,8	

K 28/500





MODEL	A	B	C	E	G	I	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg
K 28/500	440	240	62	100	155	14	312	132	180	2½" G	2" G	512	286	345	0,049	39,6

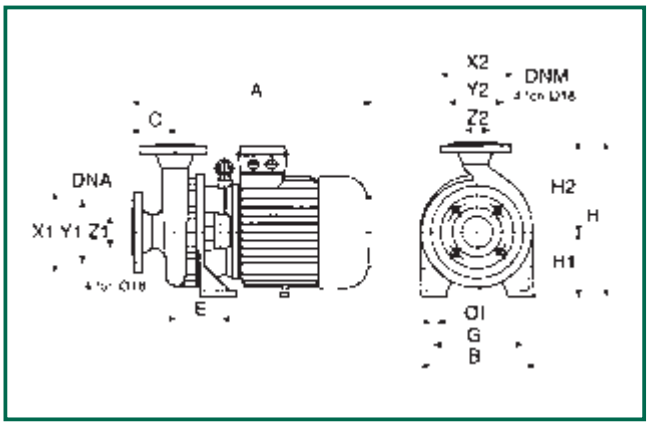
MODEL	ELECTRICAL DATA									HYDRAULIC DATA (n ≃ 2900 1/min)									
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	6	12	18	24	30	36	39
										l/min	0	100	200	300	400	500	600	650
K 28/500 T	3x230-400 V ~	4,6	4	5,5	14,7-8,5	104-60	2880	82,6	0,81	H (m)	35	35	34,5	32,8	29,3	25,2	20	16,8	

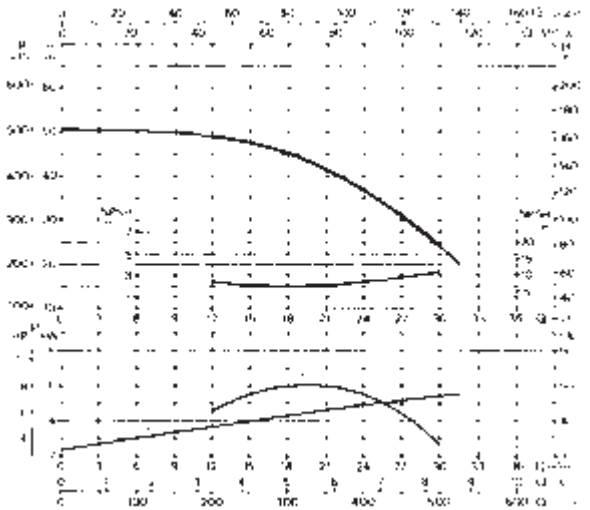
DAB PUMPS reserve the right to make modifications without prior notice

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -15°C to +110°C
Maximum ambient temperature: +40°C

K 40/400



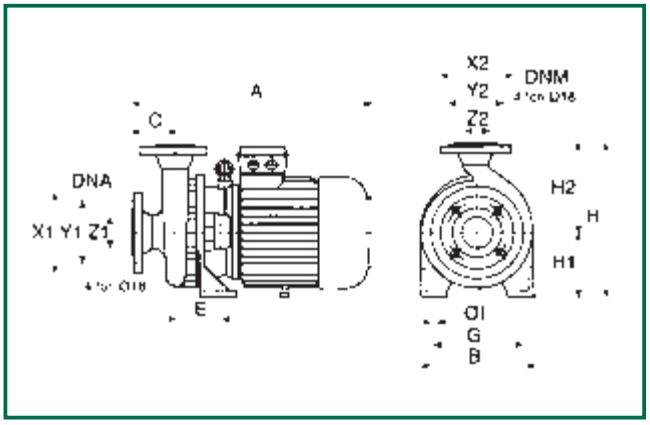


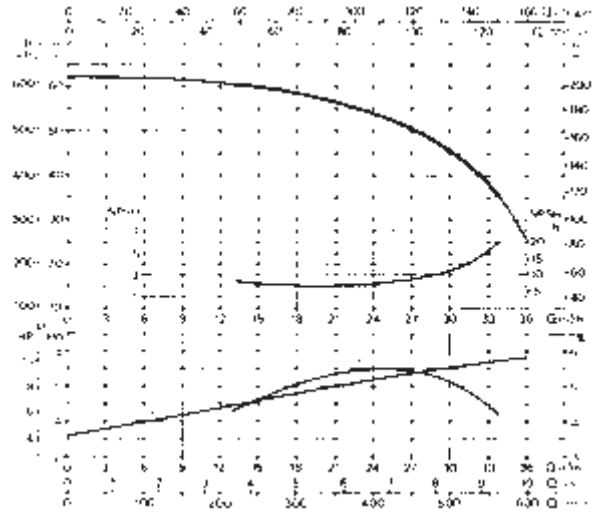
MODEL	A	B	C	E	G	I	H	H1	H2	DNA			DNM			PACKING DIMENSIONS			VOLUME m³	WEIGHT Kg
										x1	y1	z1	x2	y2	z2	L/A	L/B	H		
K 40/400	560	273	100	110	212	14	360	160	200	185	145	65	165	125	50	680	330	572	0,128	78,8

MODEL	ELECTRICAL DATA								HYDRAULIC DATA (n ~ 2900 1/min)									
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	6	9	12	15	18	24	30
										Q l/min	0	100	150	200	250	300	400	500
K 40/400 T	3x400 V ~ Δ*	7	5,5	7,5	11,5	78	2900	81,6	0,86	H (m)	50,5	50	49,8	49	48	45	37	24

* Star starting is possible (λ)

K 50/400





MODEL	A	B	C	E	G	I	H	H1	H2	DNA			DNM			PACKING DIMENSIONS			VOLUME m³	WEIGHT Kg
										x1	y1	z1	x2	y2	z2	L/A	L/B	H		
K 50/400	560	273	100	110	212	14	360	160	200	185	145	65	165	125	50	680	330	572	0,128	78,8

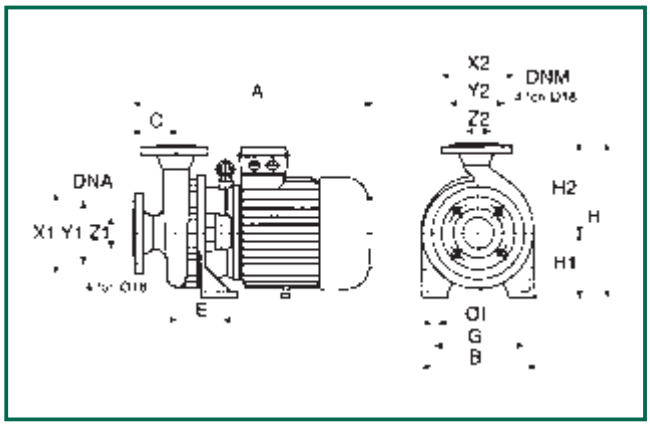
MODEL	ELECTRICAL DATA								HYDRAULIC DATA (n ~ 2900 1/min)										
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	6	9	12	15	18	24	30	33
										Q l/min	0	100	150	200	250	300	400	500	550
K 50/400 T	3x400 V ~ Δ*	9,4	7,5	10	15	119	2900	83,9	0,86	H (m)	62	62	62	61	60	59	54,5	46	37

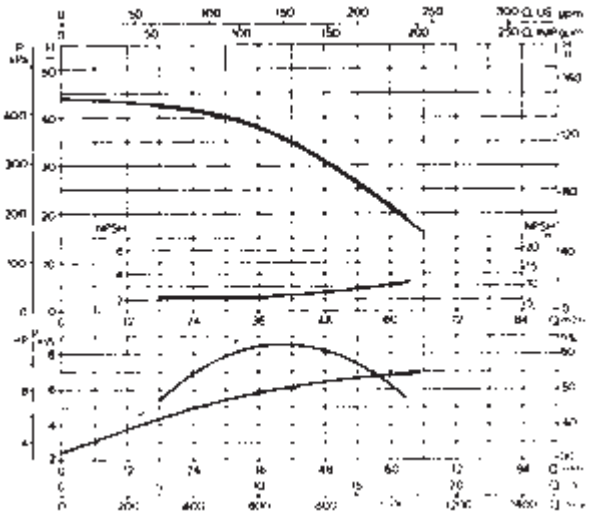
* Star starting is possible (λ)

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -15°C to +110°C
Maximum ambient temperature: +40°C

K 30/800



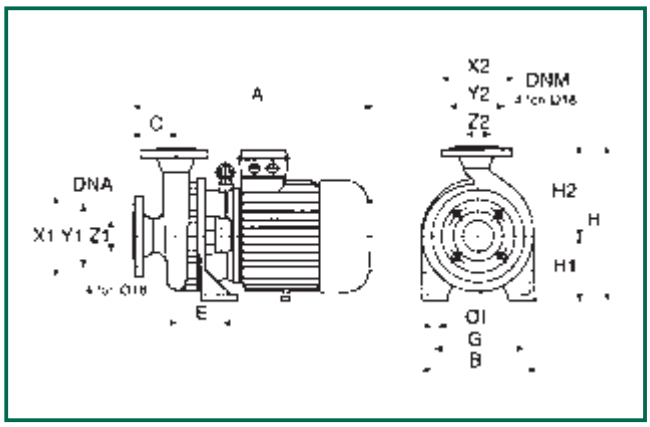


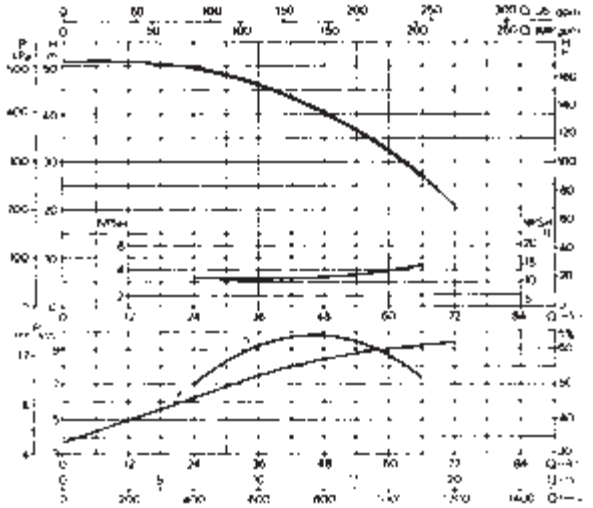
MODEL	A	B	C	E	G	I	H	H1	H2	DNA			DNM			PACKING DIMENSIONS			VOLUME	WEIGHT
										x1	y1	z1	x2	y2	z2	L/A	L/B	H	m³	T Kg
K 30/800	600	273	100	110	212	14	385	160	225	200	160	80	185	145	65	680	330	572	0,128	90,2

MODEL	ELECTRICAL DATA								HYDRAULIC DATA (n ≃ 2900 1/min)						
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	24	36	48	60	66
										l/min	0	400	600	800	1000	1100
K 30/800 T	3x400 V ~ Δ*	8,3	7,5	10	14	119	2900	83,9	0,85	H (m)	44	42	38	31	21,5	17,7

* Star starting is possible (λ)

K 40/800





MODEL	A	B	C	E	G	I	H	H1	H2	DNA			DNM			PACKING DIMENSIONS			VOLUME	WEIGHT
										x1	y1	z1	x2	y2	z2	L/A	L/B	H	m³	T Kg
K 40/800	600	273	100	110	212	14	385	160	225	200	160	80	185	145	65	680	330	572	0,128	95

MODEL	ELECTRICAL DATA								HYDRAULIC DATA (n ≃ 2900 1/min)						
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	24	36	48	60	66
										l/min	0	400	600	800	1000	1100
K 40/800 T	3x400 V ~ Δ*	11	9,2	12,5	18	147,0	2900	83,9	0,87	H (m)	51,5	50	47	41	32,5	21

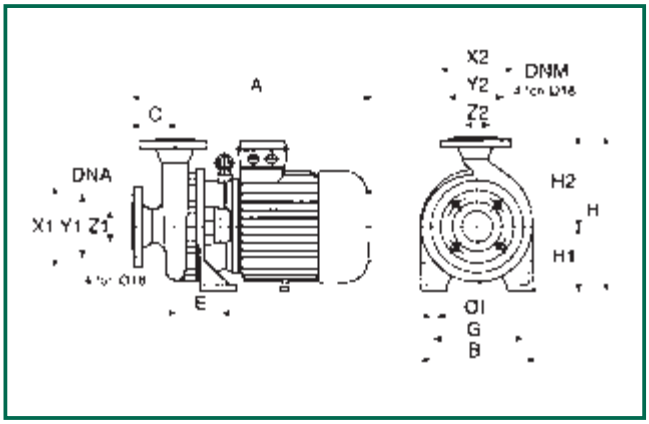
* Star starting is possible (λ)

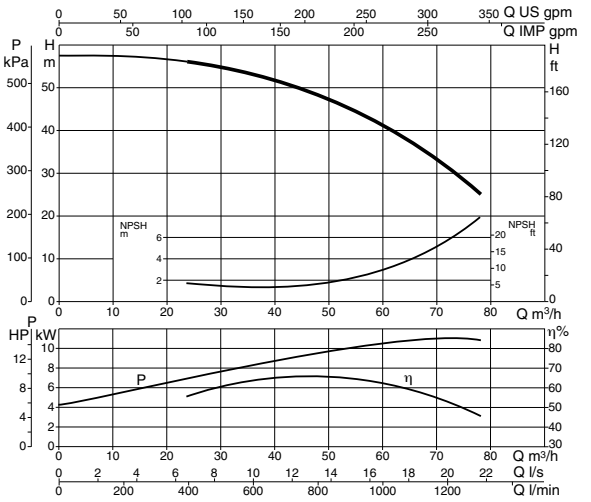
DAB PUMPS reserve the right to make modifications without prior notice

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -15°C to +110°C
Maximum ambient temperature: +40°C

K 50/800



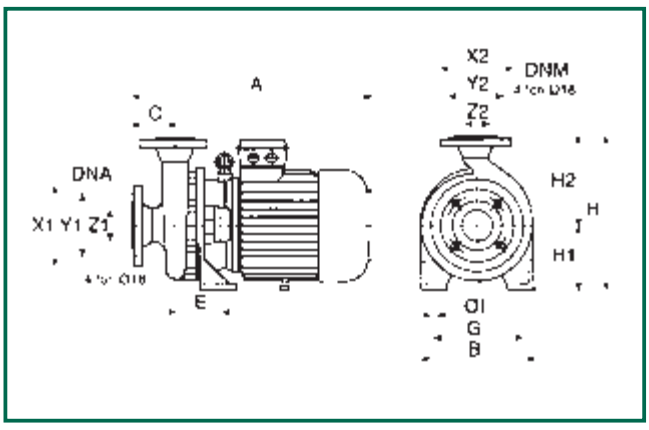


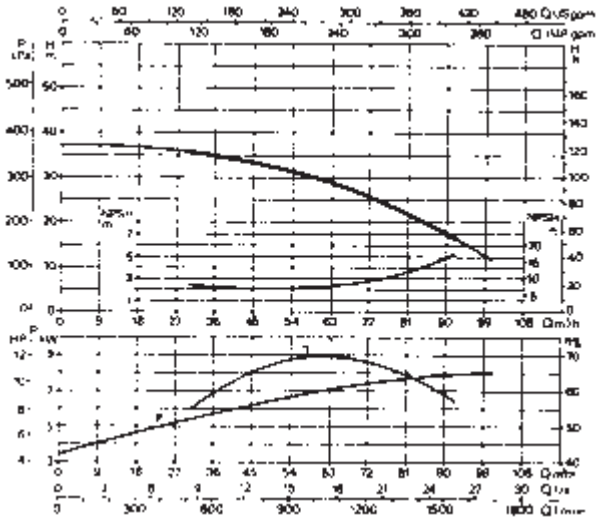
MODEL	A	B	C	E	G	I	H	H1	H2	DNA			DNM			PACKING DIMENSIONS			VOLUME	WEIGHT
										x1	y1	z1	x2	y2	z2	L/A	L/B	H	m³	Kg
K 50/800	600	273	100	110	212	14	385	160	225	200	160	80	185	145	65	680	330	572	0,128	104,3

MODEL	ELECTRICAL DATA								HYDRAULIC DATA (n ≃ 2900 1/min)							
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	24	36	48	60	72	78
										Q l/min	0	400	600	800	1000	1200	1300
K 50/800 T	3x400 V ~ Δ*	12,75	11	15	20,5	183	2930	86,7	0,89	H (m)	58	56,5	53,5	48	41	31	25

* Star starting is possible (λ)

K 20/1200





MODEL	A	B	C	E	G	I	H	H1	H2	DNA			DNM			PACKING DIMENSIONS			VOLUME	WEIGHT
										x1	y1	z1	x2	y2	z2	L/A	L/B	H	m³	Kg
K 20/1200	600	273	100	110	212	14	385	160	225	200	160	80	185	145	65	680	330	572	0,128	88

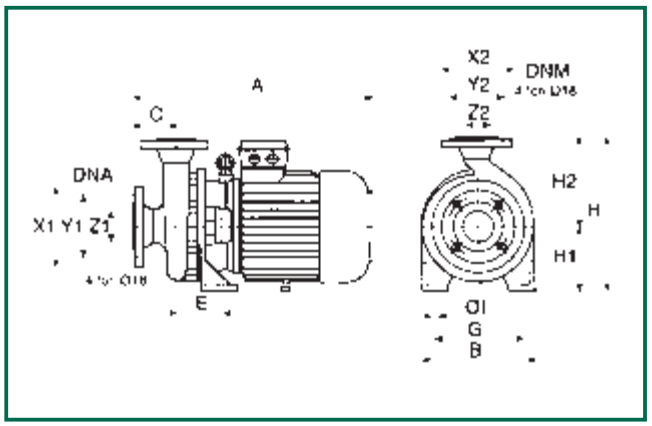
MODEL	ELECTRICAL DATA								HYDRAULIC DATA (n ≃ 2900 1/min)									
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	36	48	60	72	78	84	96
										Q l/min	0	600	800	1000	1200	1300	1400	1600
K 20/1200 T	3x400 V ~ Δ*	8,9	7,5	10	15,4	119	2900	84,2	0,85	H (m)	37,5	35	33	30	26	23,5	21	15

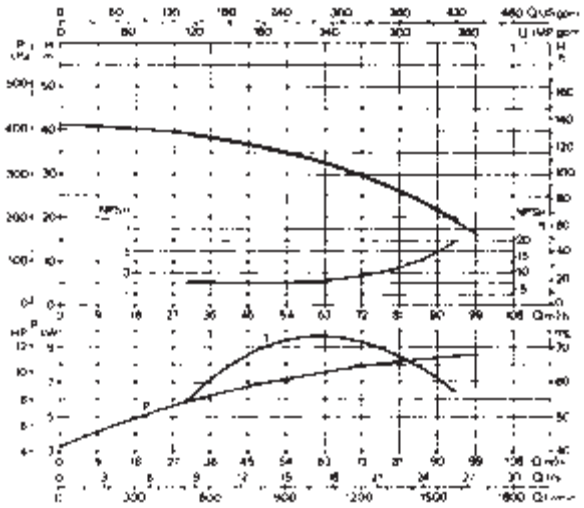
* Star starting is possible (λ)

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from -15°C to +110°C
Maximum ambient temperature: +40°C

K 25/1200



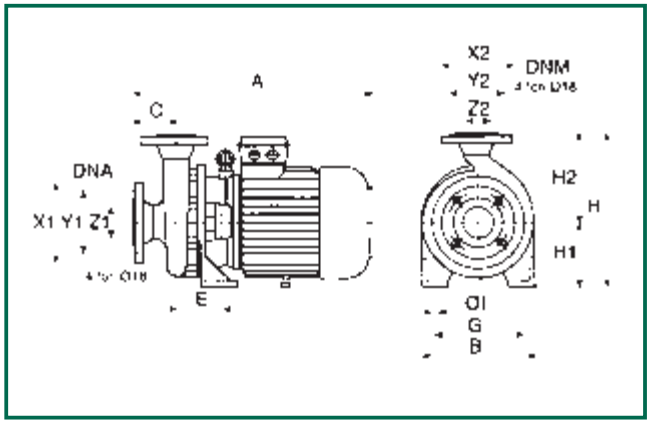


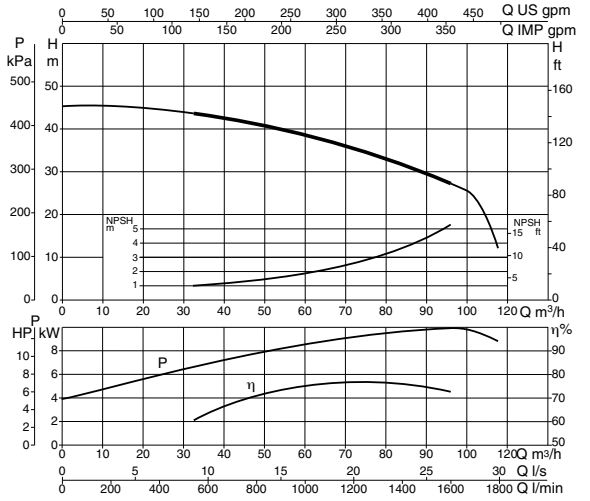
MODEL	A	B	C	E	G	I	H	H1	H2	DNA			DNM			PACKING DIMENSIONS			VOLUME m³	WEIGHT Kg
										x1	y1	z1	x2	y2	z2	L/A	L/B	H		
K 25/1200	600	273	100	110	212	14	385	160	225	200	160	80	185	145	65	680	330	572	0,128	94

MODEL	ELECTRICAL DATA								HYDRAULIC DATA (n ≃ 2900 1/min)								
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	36	48	60	72	78	84	96
										Q l/min	0	600	800	1000	1200	1300	1400	1600
K 25/1200 T	3x400 V ~ Δ*	10	9,2	12,5	18	147	2900	84,8	0,87	H (m)	40,7	38	36	33,5	30	27,7	25	18

* Star starting is possible (λ)

K 35/1200





MODEL	A	B	C	E	G	I	H	H1	H2	DNA			DNM			PACKING DIMENSIONS			VOLUME m³	WEIGHT Kg
										x1	y1	z1	x2	y2	z2	L/A	L/B	H		
K 35/1200	600	273	100	110	212	14	385	160	225	200	160	80	185	145	65	680	330	275	0,128	100

MODEL	ELECTRICAL DATA								HYDRAULIC DATA (n ≃ 2930 1/min)							
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	I st. A	1/min	η max %	cos φ	Q m³/h	0	33	48	60	72	84	96
										Q l/min	0	550	800	1000	1200	1400	1600
K 35/1200 T	3x400 V ~ Δ*	11,4	11	15	19,3	183	2930	86,8	0,87	H (m)	45	43,5	41,5	38,5	35	31,5	27

* Star starting is possible (λ)

DAB PUMPS reserve the right to make modifications without prior notice