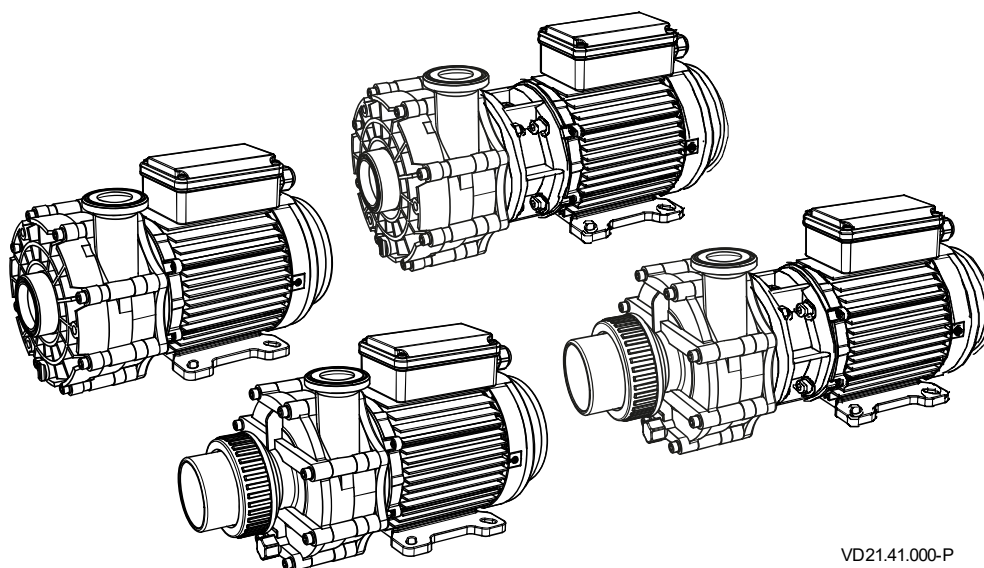




DE	Pumpendatenblatt
EN	Pump data sheet
FR	Fiche technique pompe
NL	Pompgegevens
IT	Documentazione pompa
ES	Ficha técnica de la bomba

BADU® 21-40/6

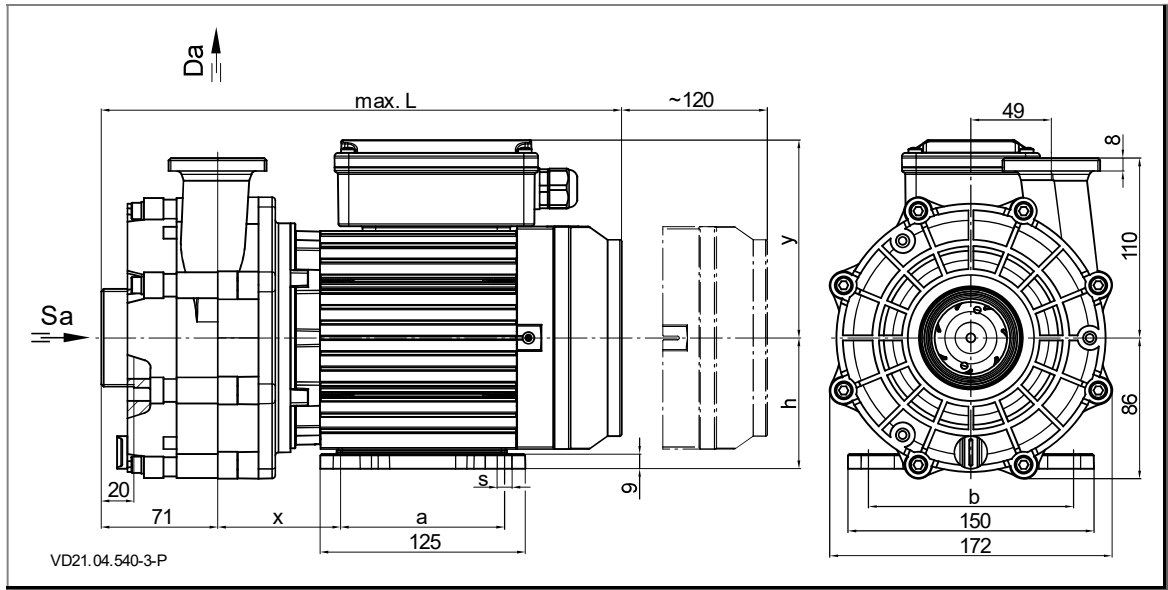
BADU® 21-41/6



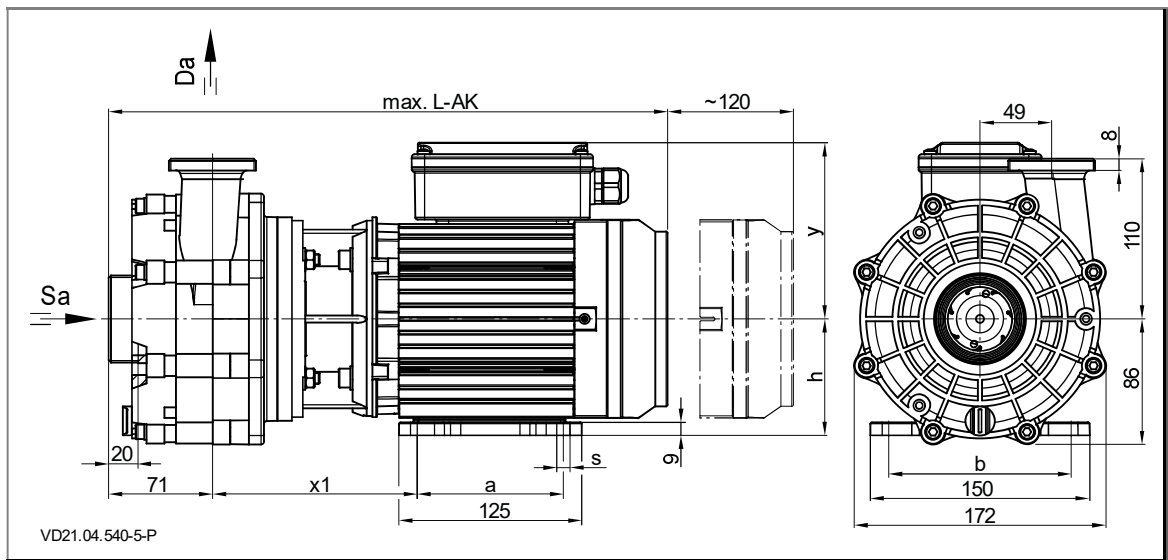
VD21.41.000-P



BADU 21-40/6



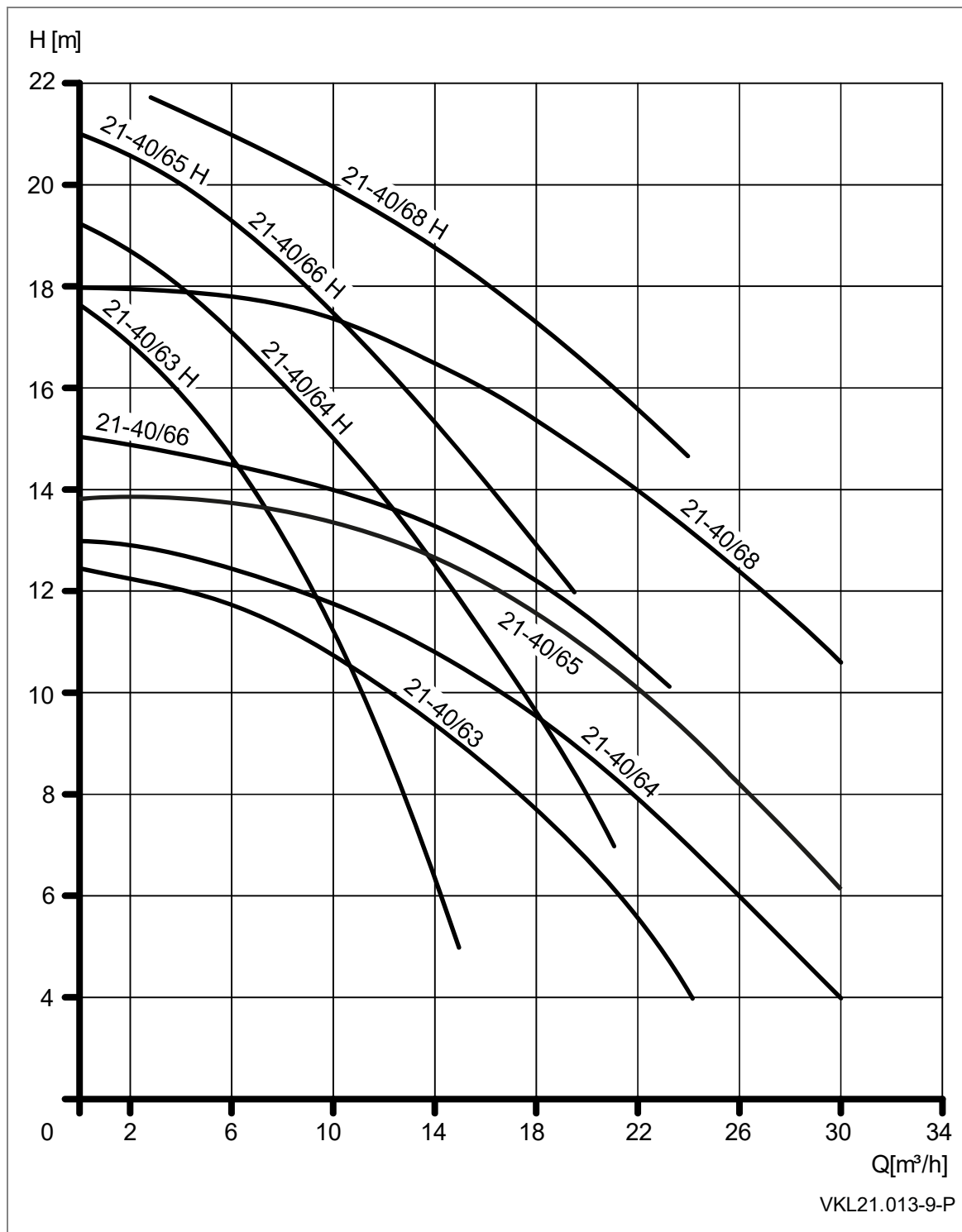
BADU 21-40/6 /-AK



		a	b	h	s	x	x1	y	max. L	Max. L-AK
BADU 21-40/63 G/H G /-AK	1~	90	112	71	7	84	149	106	343	408
	3~	100	125	80	9	75	140	121	317	382
BADU 21-40/64 G/H G /-AK	1~	100	125	80	9	75	140	121	317	382
	3~	100	125	80	9	75	140	121	345	410
BADU 21-40/65 G/H G /-AK	1~	100	125	80	9	75	140	121	335	400
BADU 21-40/66 G/H G /-AK	3~	100	125	80	9	75	140	121	367	432
BADU 21-40/68 G/H G /-AK	1~	100	125	80	9	75	140	121	367	432
	3~	100	125	80	9	75	140	121	380	445

BADU 21-40/6

BADU 21-40/6 /-AK



TD 50 Hz	Sa [G]	Da [G]	d-Saug [mm]	d-Druck [mm]
BADU 21-40/63 G/H G /-AK	2	2	63	63
BADU 21-40/64 G/H G /-AK	2	2	63	63
BADU 21-40/65 G/H G /-AK	2	2	63	63
BADU 21-40/66 G/H G /-AK	2	2	63	63
BADU 21-40/68 G/H G /-AK	2	2	75	75

1~ 230 V

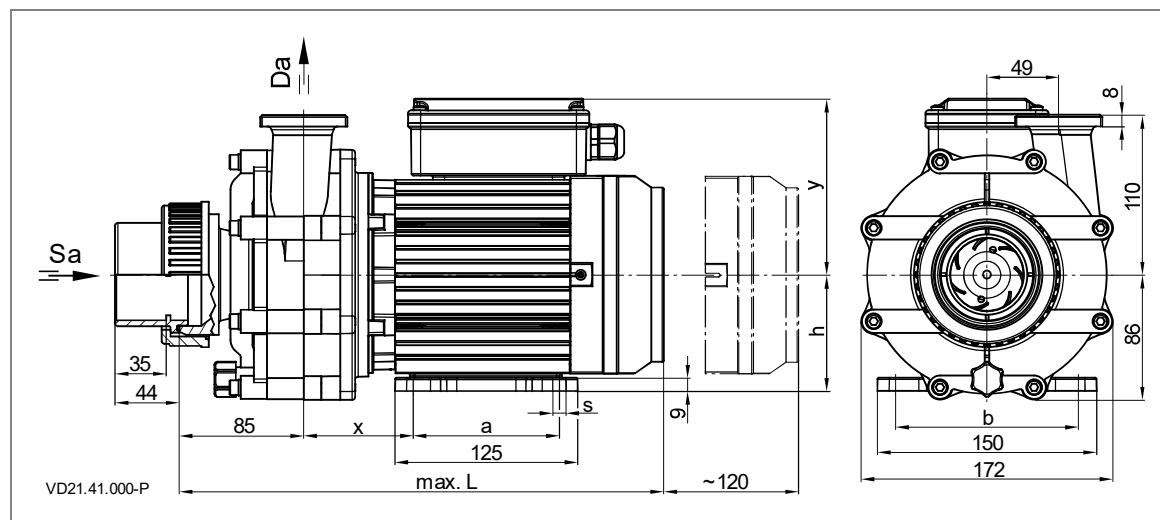
TD 50 Hz	P ₁ [kW]	P ₂ [kW]	I [A]	L _{pa} (1m) [dB(A)]	L _{wa} [dB(A)]	m [kg]	m-AK [kg]	WSK/PTC
BADU 21-40/63 G/H G /-AK	0,85	0,55	3,80	-	-	8,10	8,70	●/○
BADU 21-40/64 G/H G /-AK	1,05	0,75	4,80	-	-	9,30	9,90	●/○
BADU 21-40/65 G/H G /-AK	1,40	1,00	6,30	-	-	11,2	11,80	●/○
BADU 21-40/68 G/H G /-AK	2,00	1,50	8,80	-	-	13,9	14,5	●/○

3~ 400/230 V

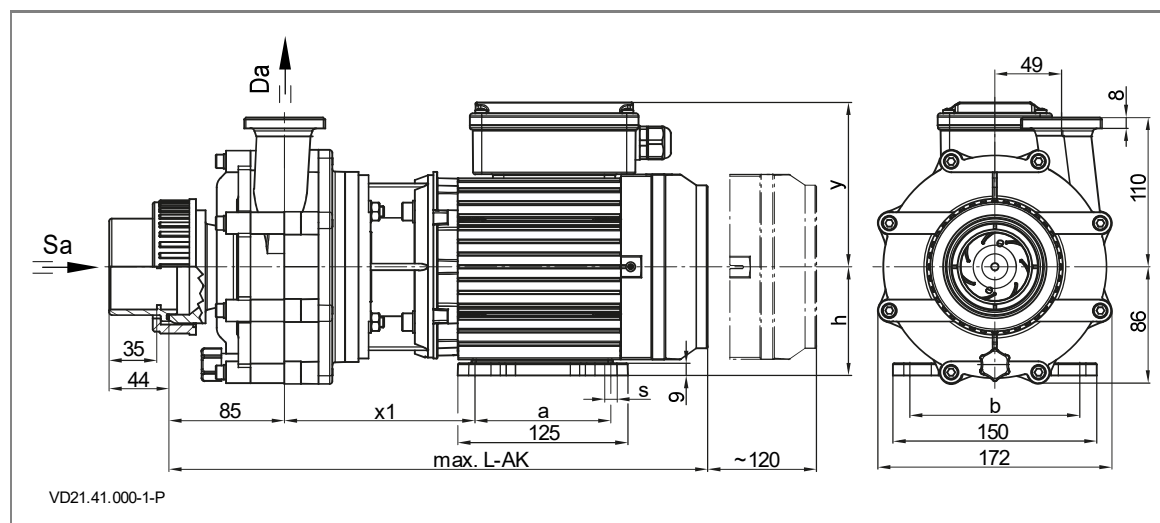
TD 50 Hz	P ₁ [kW]	P ₂ [kW]	I [A] 3~ Y/Δ 400/230 V	L _{pa} (1m) [dB(A)]	L _{wa} [dB(A)]	m [kg]	m-AK [kg]	WSK/PTC
BADU 21-40/63 G/H G /-AK	0,75	0,55	1,65/2,86	-	-	9,80	10,4	○/○
BADU 21-40/64 G/H G /-AK	1,10	0,75	2,10/3,60	-	-	11,8	12,4	○/○
BADU 21-40/66 G/H G /-AK	1,50	1,10	3,00/5,20	-	-	12,8	13,4	○/○
BADU 21-40/68 G/H G /-AK	1,90	1,50	3,40/5,89	-	-	13,8	14,4	○/○

TD 50 Hz	H _{max.} [m]	SP	Hs [m]	H _z [m]	IP	W-KI	n [min ⁻¹]	T [°C]	P-GHI [bar max.]
BADU 21-40/63 G/H G /-AK	12,4/17,5	○	-	3	55	F	2850	40(60)	2,5
BADU 21-40/64 G/H G /-AK	13,0/19,0	○	-	3	55	F	2850	40(60)	2,5
BADU 21-40/65 G/H G /-AK	14,0/21,0	○	-	3	55	F	2850	40(60)	2,5
BADU 21-40/66 G/H G /-AK	15,0/21,0	○	-	3	55	F	2850	40(60)	2,5
BADU 21-40/68 G/H G /-AK	18,0/22,0	○	-	3	55	F	2850	40(60)	2,5

BADU 21-41/6



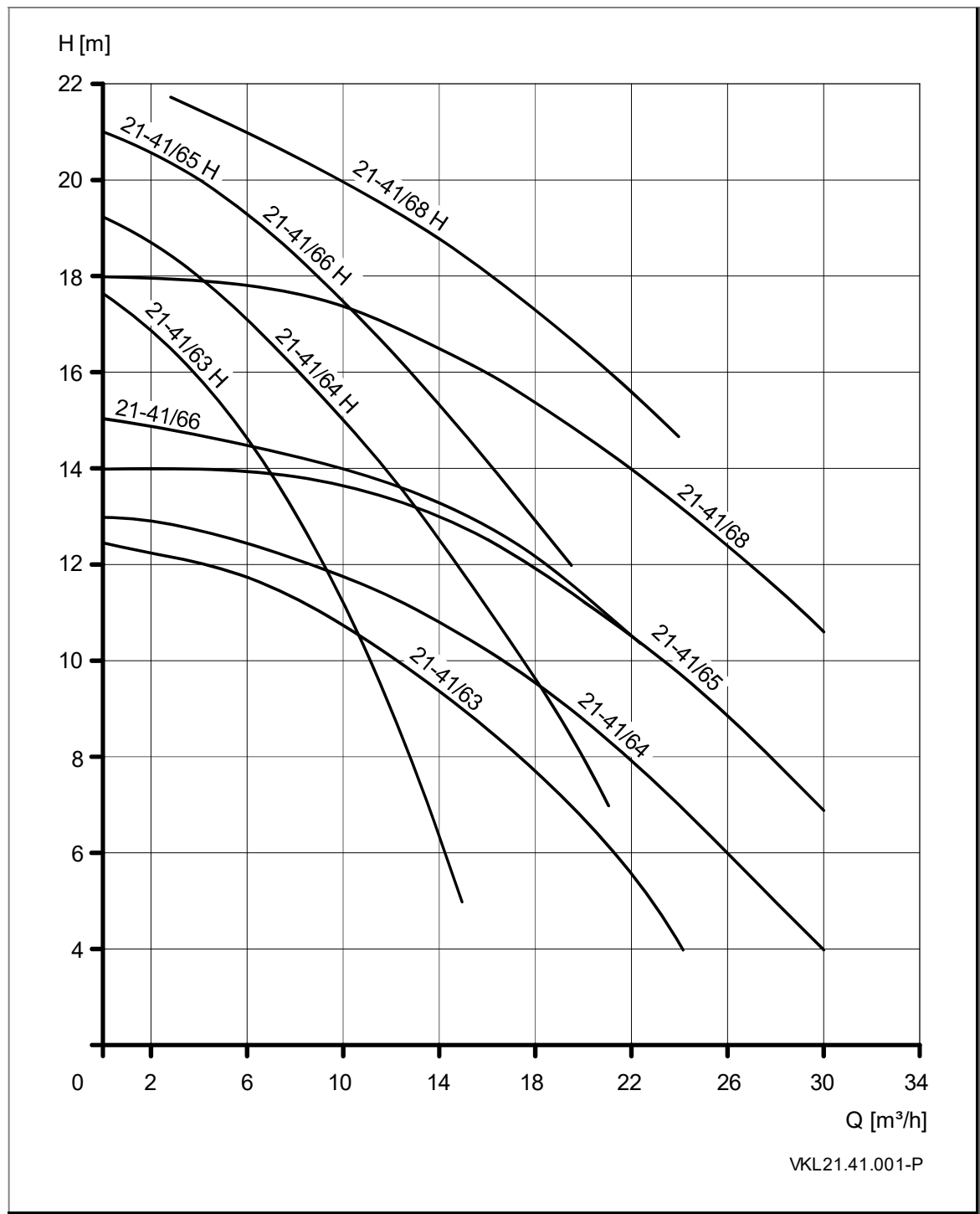
BADU 21-41/6 /-AK



		a	b	h	s	x	x1	y	max. L	Max. L-AK
BADU 21-41/63 GH G /-AK	1~	90	112	71	7	84	149	106	357	422
	3~	100	125	80	9	75	140	121	331	396
BADU 21-41/64 G/H G /-AK	1~	100	125	80	9	75	140	121	331	396
	3~	100	125	80	9	75	140	121	359	424
BADU 21-41/65 G/H G /-AK	1~	100	125	80	9	75	140	121	349	414
BADU 21-41/66 G/H G /-AK	3~	100	125	80	9	75	140	121	381	446
BADU 21-41/68 G/H G /-AK	1~	100	125	80	9	75	140	121	381	446
	3~	100	125	80	9	75	140	121	394	459

BADU 21-41/6

BADU 21-41/6 /-AK



TD 50 Hz	Sa [G]	Da [G]	d-Saug [mm]	d-Druck [mm]
BADU 21-41/63 G/H G /-AK	63	2	63	63
BADU 21-41/64 G/H G /-AK	63	2	63	63
BADU 21-41/65 G/H G /-AK	63	2	63	63
BADU 21-41/66 G/H G /-AK	63	2	63	63
BADU 21-41/68 G/H G /-AK	63	2	75	75

1~ 230 V

TD 50 Hz	P ₁ [kW]	P ₂ [kW]	I [A]	Lpa (1m) [dB(A)]	Lwa [dB(A)]	m [kg]	m-AK [kg]	WSK/PTC
BADU 21-41/63 G/H G /-AK	0,85	0,55	3,80	-	-	8,20	8,80	●/○
BADU 21-41/64 G/H G /-AK	1,05	0,75	4,80	-	-	9,40	10,0	●/○
BADU 21-41/65 G/H G /-AK	1,40	1,00	6,30	-	-	11,3	11,9	●/○
BADU 21-41/68 G/H G /-AK	2,00	1,50	8,80	-	-	14,0	14,6	●/○

3~ 400/230 V

TD 50 Hz	P ₁ [kW]	P ₂ [kW]	I [A] 3~ Y/Δ 400/230 V	Lpa (1m) [dB(A)]	Lwa [dB(A)]	m [kg]	m-AK [kg]	WSK/PTC
BADU 21-41/63 G/H G /-AK	0,75	0,55	1,65/2,86	-	-	9,90	10,5	○/○
BADU 21-41/64 G/H G /-AK	1,10	0,75	2,10/3,60	-	-	11,9	12,5	○/○
BADU 21-41/66 G/H G /-AK	1,50	1,10	3,00/5,20	-	-	12,9	13,5	○/○
BADU 21-41/68 G/H G /-AK	1,90	1,50	3,40/5,89	-	-	13,9	14,5	○/○

TD 50 Hz	H _{max.} [m]	SP	Hs [m]	H _z [m]	IP	W-KI	n [min ⁻¹]	T [°C]	P-GHI [bar max.]
BADU 21-41/63 G/H G /-AK	12,4/17,5	○	-	3	55	F	2850	40(60)	2,5
BADU 21-41/64 G/H G /-AK	13,0/19,0	○	-	3	55	F	2850	40(60)	2,5
BADU 21-41/65 G/H G /-AK	14,0/21,0	○	-	3	55	F	2850	40(60)	2,5
BADU 21-41/66 G/H G /-AK	15,0/21,0	○	-	3	55	F	2850	40(60)	2,5
BADU 21-41/68 G/H G /-AK	18,0/22,0	○	-	3	55	F	2850	40(60)	2,5

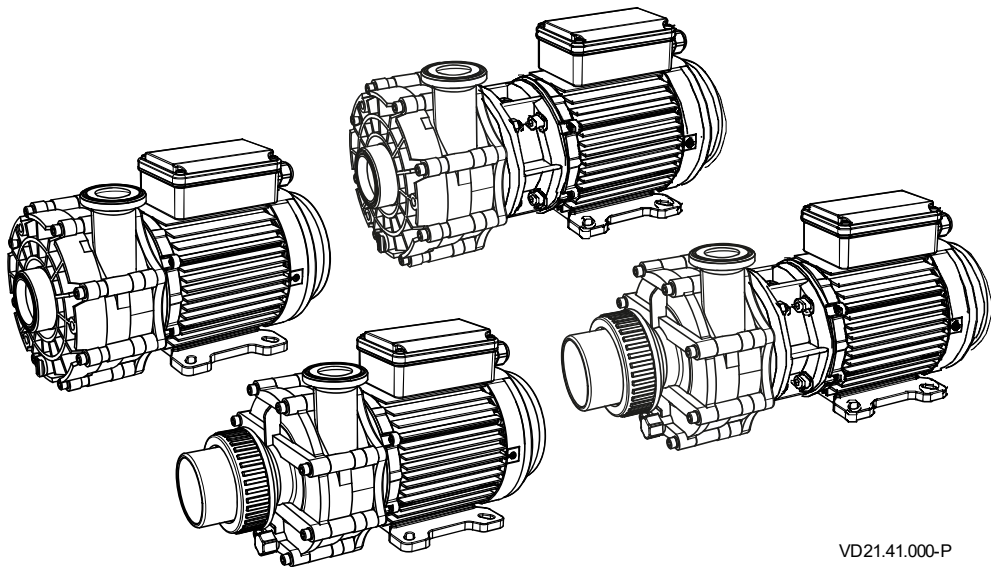
EN Pump data sheet

Related Documentation

The additional information compiled in this data sheet must be kept together with the original operation manual for "Non-self-priming and self-priming pumps with/without plastic lanterns" and must be accessible to the relevant personnel at all times.

BADU® 21-40/6

BADU® 21-41/6



VD21.41.000-P

Glossary	
TD	Technical data
Sa	Inlet connection
Da	Outlet connection
d-Saug	Recommended diameter of the suction line up to 5 m
d-Druck	Recommended diameter of the pressure line up to 5 m
max. L	Maximum length of the pump
D	Density
P ₁	Power input
P ₂	Power output
I	Rated current
L _{pa} (1 m)	Sound pressure level at 1 m measured in accordance with DIN 45635
L _{wa}	Acoustic capacity
m	Weight
WSK	Built-in or external overload switch
PTC	PTC resistor
H _{max.}	Total dynamic head
SP	Self-priming
H _s ; H _z	Geodetic head between water level and pump
H _s	Total suction head
H _z	Total dynamic head with flooded suction
IP	Type of motor enclosure
W-KI	Class of insulation
n	Motor speed
P-GHI	2.5 bar max. casing pressure/system pressure
T	Water temperature
●	Yes
○	No
T/°C	Clarification of the max. water temperature 40 °C (60 °C): 40 °C = the max. water temperature allowed according to the GS approval. (60 °C) = the pump is designed to withstand a max. water temperature of 60 °C.
1~/3~	Suitable for continuous operation at 1~ 220 - 240 V ± 5% 3~ Y/Δ 380 - 420 V/220 - 240 V ± 5% 3~ Y/Δ 660 - 725 V/380 - 420 V ± 5% For standard voltage in accordance with DIN IEC 60038; DIN EN 60034

For special voltages and/or the 60 Hz version, the performance data can be taken from the pump name plate. If the values in these instructions are different to the values on the type plate, the values on the type plate must be used. With some special types or motors there is no GS approval – GS approval on pump name plate where applicable.