

PERIPHERAL ELECTROPUMPS

- KPS
- KPF
- KP
- KPA



KP 60/6



KPA 40/20



KPS 30/16



KPF

NEW

DAB

PUMP PERFORMANCE

KPS 30/16 - KP 38/18



Applications

Peripheral pumps, suitable for domestic use, reduced encumbrance, for supplying water, gardening and small industrial uses.

Pump construction characteristics

Pump body, motor stand cast iron, impeller and wear ring in brass.
KPS 30/16 is available also with bronze body.
Carbon/ceramic mechanical seal.
Stainless steel motor shaft.

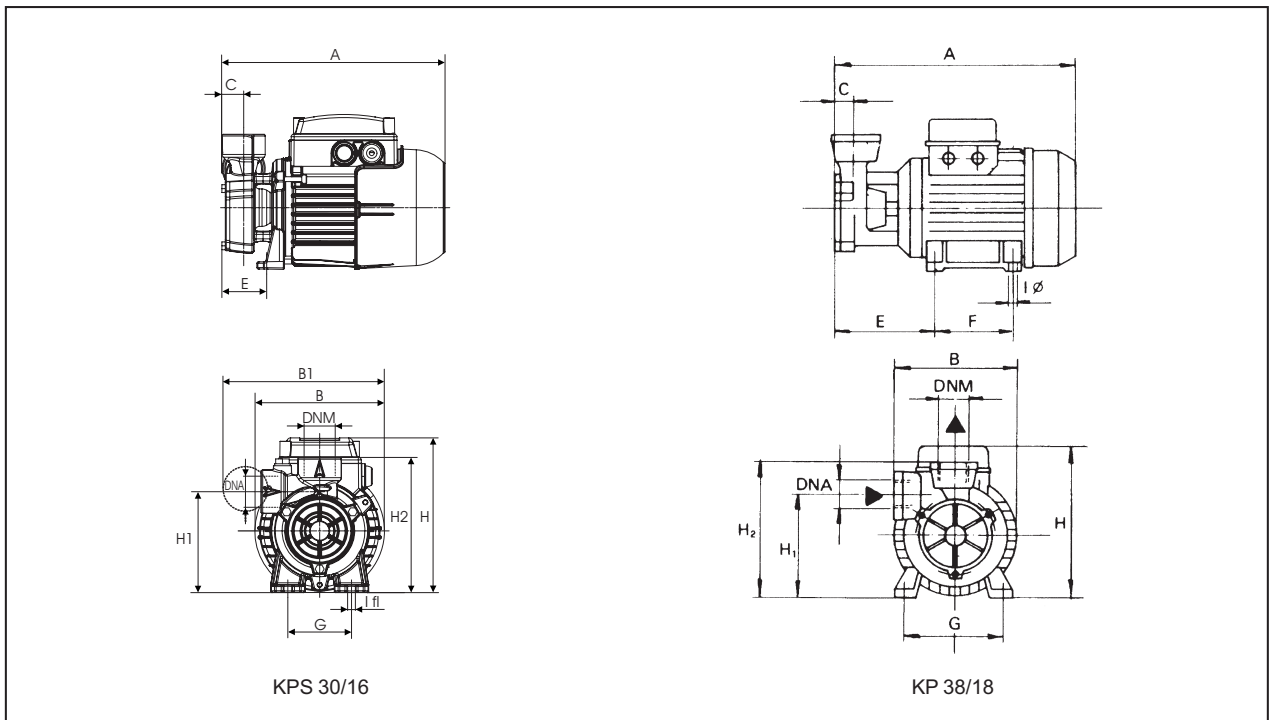
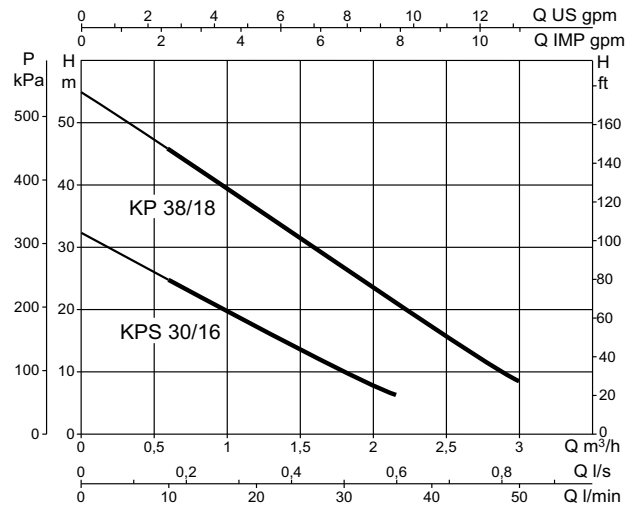
Motor construction characteristics

Enclosed asynchronous motor with external cooling system.
Rotor mounted on oversize bearings selected for optimal silent operation and extended lifetime.
Standard thermal switch protection on single phase models.
Thermal protection device to be fitted by client on three phase models.
Capacitor permanently in circuit in single phase version.
Design in compliance with CEI 2-3 CEI 61-69 (EN 60335-2-41)
Protection level : IP 44
Insulation class: F
Standard power supply: 220-240V 50Hz Single phase
230-400V 50Hz Three phase

Technical data

- Operating range: KPS 30/16 from 0,6 to 2,1 m³/h head : 32,5 m.
KP 38/18 from 0,6 to 3 m³/h head : 55 m.
- Pumped liquid: clean, without solid or abrasive substances, not aggressive.
- Liquid temperature range: from 0°C to +35°C for domestic use (EN 60335-2-41)
from -10°C to + 50° (for other uses)
- Max ambient temperature: +40°C
- Max operating pressure: KPS 30/16: 6 BAR (600 kPa)
KP 30/18: 10 BAR (1000 kPa)
- Installation: fixed in a horizontal position.

KPS 30/16 - KP 38/18



DIMENSIONS AND WEIGHTS

MODEL	A	B	B1	C	E	F	G	I Ø	H	H1	H2	DNA G	DNM G	Packing dimension			Vol. m³	Weight Kg
														L/A	L/B	H		
KPS 30/16	228	132	165	22	46	-	65	8	158	103	138	1" G	1" G	259	164	197	0,008	5,3
KP 38/18	255	120	-	26	106	80	100	7	157	103	153	1" G	1" G	271	164	176	0,01	7,5

TECHNICAL DATA

MODEL	VOLTAGE 50 Hz	ELECTRICAL DATA						HYDRAULIC DATA (n≈2800 1/min)										
		P1 max kW	P2 Nominal		In A	CAPACITOR µF	VC											
			kW	HP				m³/h	0	0,3	0,6	0,9	0,96	1,2	1,8	2,16	2,4	3
KPS 30/16 M	1x220-240 V~	0,47	0,3	0,4	2	8	450	l/min	0	5	10	15	16	20	30	36	40	50
KPS 30/16 T	3x230-400 V~	0,47	0,3	0,4	1,6-0,9	-	-	H (m)	32,5	31	25	22	20	17,5	10	6	-	-
KP 38/18 M	1x220-240 V~	0,85	0,6	0,8	3,7	12,5	450	H (m)	55	51	46	41,5	40	37	27,5	22	18,5	8,6
KP 38/18 T	3x230-400 V~	0,78	0,6	0,8	2,6-1,5	-	-											



KPF



Applications

Peripheral pumps, suitable for domestic use, reduced encumbrance, for supplying water, gardening and small industrial uses.

Pump construction characteristics

Pump body, motor stand cast iron, impeller and wear ring in brass.
Carbon/ceramic mechanical seal.
Stainless steel motor shaft.

Motor construction characteristics

Enclosed asynchronous motor with external cooling system.
Rotor mounted on oversize bearings selected for optimal silent operation and extended lifetime.
Standard thermal switch protection on single phase models.
Thermal protection device to be fitted by client on three phase models.
Capacitor permanently in circuit in single phase version.
Design in compliance with CEI 2-3 CEI 61-69 (EN 60335-2-41)
Protection level : IP 44
Insulation class: F
Standard power supply: 220-240V 50Hz Single phase
230-400V 50Hz Three phase

Technical data

- Operating range: from 0,6 to 2,1 m³/h head : 32,5 m
- Pumped liquid: clean, without solid or abrasive substances, not aggressive.
- Liquid temperature range: from 0°C to +35°C for domestic use (EN 60335-2-41)
from -10°C to + 50° (for other uses)
- Max ambient temperature: +40°C
- Max operating pressure: 6 BAR (600 kPa)
- Installation: fixed in a horizontal position.



Applications

Peripheral pumps, suitable for domestic use, reduced encumbrance, for supplying water, gardening and small industrial uses.

Pump construction characteristics

Pump body, motor stand cast iron, impeller and wear ring in brass.
Carbon/ceramic mechanical seal.
Stainless steel motor shaft.

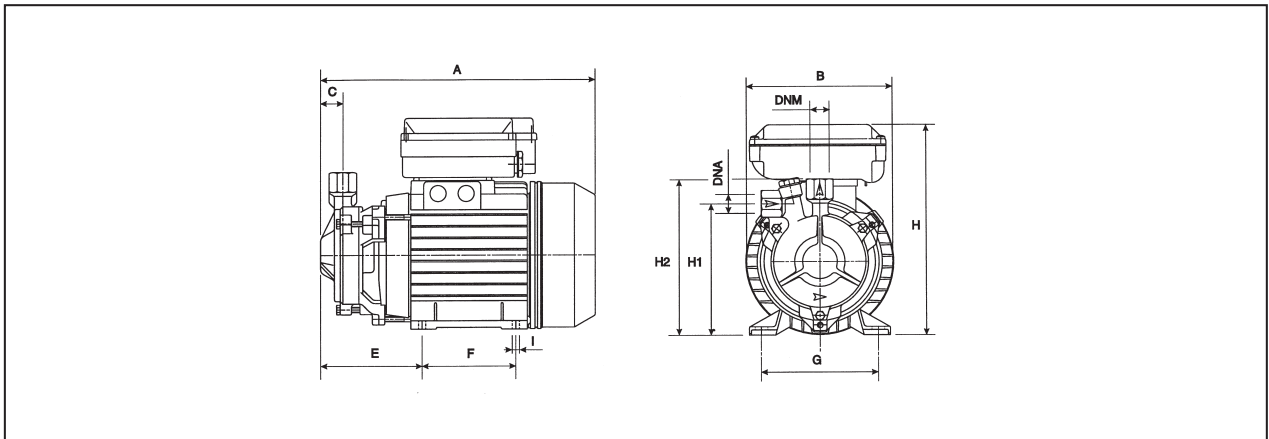
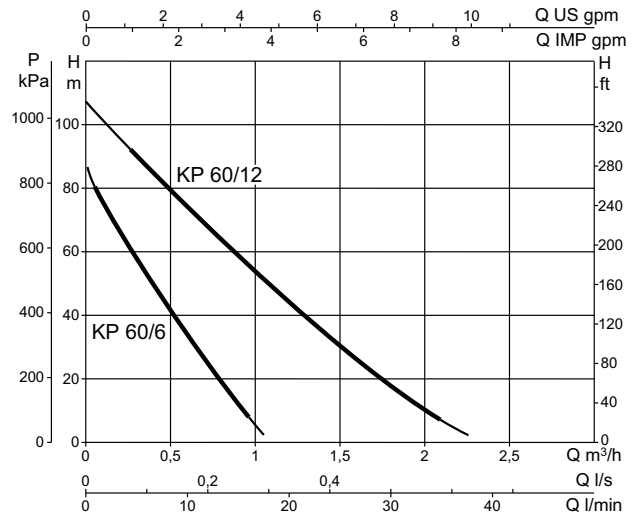
Motor construction characteristics

Enclosed asynchronous motor with external cooling system.
Rotor mounted on oversized bearings selected for optimal silent operation and extended lifetime.
Standard thermal switch protection on single phase models.
Thermal protection device to be fitted by client on three phase models.
Capacitor permanently in circuit in single phase versions.
Design in compliance with CEI 2-3
CEI 61 - 69 (EN 60335-2-41)
Protection level: IP 44
Insulation class: F
Standard power supply: 220-240V 50Hz Single phase
230-400V 50Hz Three phase

Technical Data

- Operating range: from 0,1 to 2,16 m³/h, with head to 107 metres.
- Pumped liquid: clean, without solid or abrasive substances, not aggressive.
- Liquid temperature range: - from 0°C to +35°C for domestic use (EN 60335-2-41)
- from -10°C to +80°C (for other uses)
- Max ambient temperature: +40°C
- Max operating pressure: 10 bar (1000 kPa)
- Installation: fixed in a horizontal position.

KP 60/6 - KP 60/12



DIMENSIONS AND WEIGHTS

MODEL	A	B	C	E	F	G	I	H	H1	H2	DNA G	DNM G	Packing dimension			Vol. m ³	Weight Kg
													L/A	L/B	H		
KP 60/6 M	262	142	21	96	90	112	7	204	127	151	1/2"	1/2"	406	267	402	0,044	8,2
KP 60/6 T	262	142	21	96	90	112	7	173	127	151	1/2"	1/2"	406	267	402	0,044	7,9
KP 60/12 M	262	142	20	96	90	112	7	204	126	161	3/4"	3/4"	406	267	402	0,044	10,1
KP 60/12 T	262	142	20	96	90	112	7	173	126	161	3/4"	3/4"	406	267	402	0,044	10

TECHNICAL DATA

MODEL	VOLTAGE 50 Hz	ELECTRICAL DATA						HYDRAULIC DATA (n≈2800 1/min)																		
		P1 max kW	P2 Nominal		I _n A	CAPACITOR μF	VC	Flow rate (Q)																		
			kW	HP				0	0,3	0,6	0,9	0,96	1,2	1,5	1,8	2,1										
KP 60/6 M	1x220-240 V~	0,57	0,37	0,5	2,4	10	450	0	5	10	15	16	20	25	30	35	H (m)	87	57	33	13	9				
KP 60/6 T	3x230-400 V~	0,6	0,37	0,5	1,8-1	-	-	0	5	10	15	16	20	25	30	35	H (m)	107	91	74	58	55	43	29	17	7
KP 60/12 M	1x220-240 V~	1,22	0,75	1	5,2	20	450	0	5	10	15	16	20	25	30	35	H (m)	107	91	74	58	55	43	29	17	7
KP 60/12 T	3x230-400 V~	1,05	0,75	1	3,8-2,2	-	-	0	5	10	15	16	20	25	30	35	H (m)	107	91	74	58	55	43	29	17	7



KPA 40/20



Applications

Self-priming electropump, side channel design with turbine impeller feature optimal suction capacity also in severe operation conditions, in the case of air bubbles or intermittent availability of liquid for suction.
Ideal for domestic, agricultural, civil and industrial applications.

Pump construction characteristics

Pump body in cast iron with brass wear ring.
Motor and impeller support with brass wear rings to avoid risk of blockages.
Carbon/ceramic mechanical seal
Stainless steel motor shaft.

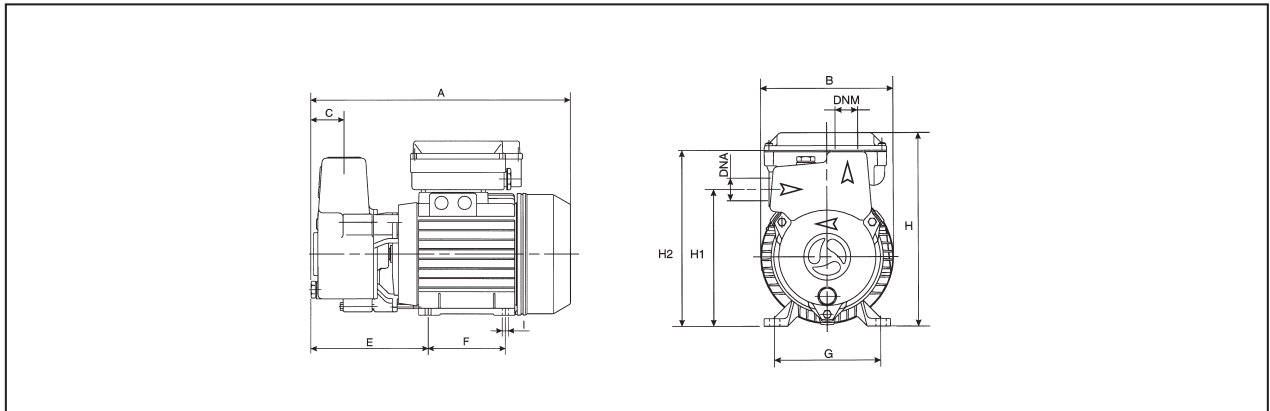
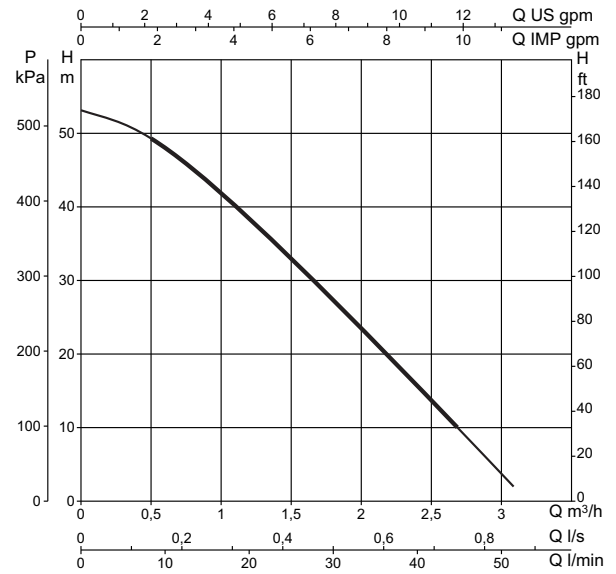
Motor construction characteristics

Enclosed asynchronous motor with external cooling system.
Rotor mounted on oversized bearings selected for optimal silent operation and extended lifetime.
Standard thermal switch protection on single phase models. Thermal protection device to be fitted by client on three phase models.
Capacitor permanently in circuit in single phase versions.
Design in compliance with CEI 2-3
CEI 61 - 69 (EN 60335-2-41)
Protection level: IP 55
Insulation class: F
Standard power supply: 220-240V 50Hz Single phase
230-400V 50Hz Three phase

Technical data

- Operating range: from 8 to 45 l/min with head to 53 metres
- Pumped liquid: clean, free of suspended or abrasive solid particles; non-aggressive and non-explosive
- Liquid temperature range: - from 0° to + 35°C for domestic use (EN 60335-2-41)
- from - 10° to + 80° C for other applications
- Max. ambient temperature: +40°C
- Max. operating pressure: 10 bar (1000 kPa)
- Installation: Fixed in horizontal position

KPA 40/20



DIMENSIONS AND WEIGHTS

MODEL	A	B	C	E	F	G	I	H	H1	H2	DNA G	DNM G	Packing dimension			Vol. m ³	Weight Kg
													L/A	L/B	H		
KPA 40/20	301	142	38	136	90	112	7	206	146	187	1"	1"	406	267	402	0,044	10,7

TECHNICAL DATA

MODEL	VOLTAGE 50 Hz	ELECTRICAL DATA						HYDRAULIC DATA (n≈2800 1/min)						
		P1 max kW	P2 Nominal kW HP		In A	CAPACITOR μF VC		m ³ /h	0	0,6	1,2	1,8	2,4	2,7
			l/min	0		10	20	30	40	45				
KPA 40/20 M	1x220-240 V~	1,0	0,75	1	4,7	20	450	H (m)	53	48	38	27	16	10
KPA 40/20 T	3x230-400 V~	1,05	0,75	1	3,5-2	-	-							