PERIPHERAL PUMPS “HKm”



TECHNICAL FEATURES

- Suitable for clean water free of abrasive particles and liquids that are not chemically aggressive to the pump materials.
- Easy to use and economical: ideal for domestic use, in particular for water distribution with small pressure sets and for the irrigation of gardens and allotments.
- Install in an enclosed area, or at least sheltered from bad weather.



HKm



HKm-A

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector
- Single-phase 220 V / 50 Hz (60 Hz on request)

WORKING CONDITION

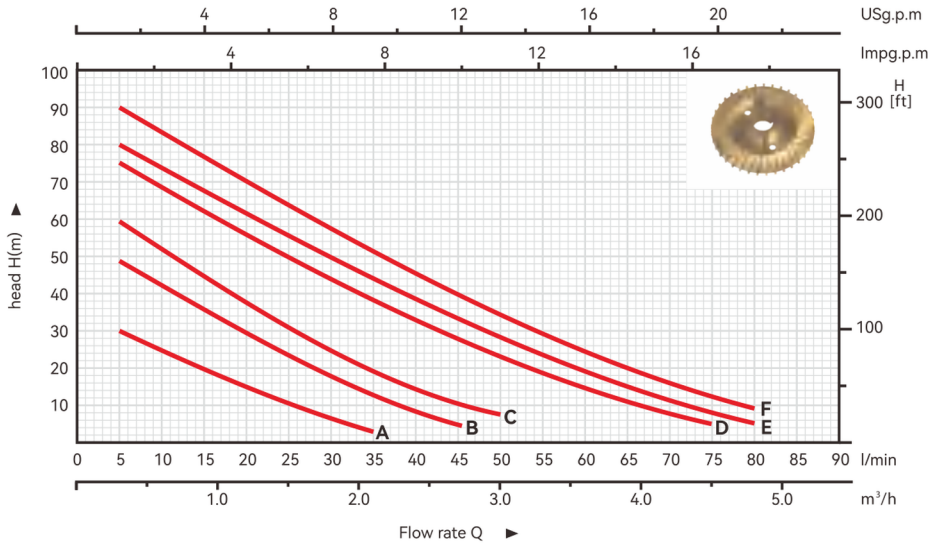
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron, with brass / AISI 304 SS insert on request
Pump support	Cast iron, with brass / AISI 304 SS insert on request
Motor housing	Aluminium
Impeller	Brass
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite

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PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	4.2	4.8
				Q (l/min)	0	5	10	15	20	25	30	35	40	45	50	60	70	80
A	HKm60	0.37	0.5	H (m)	35	30	25	20	15	10.5	6.5	3						
B	HKm70	0.55	0.75	H (m)	55	49	43	37	30	23	17	12	8	5				
C	HKm80	0.75	1	H (m)	65	59	52	45	38	31	25	19	14	10	7			
D	HKm100	1.1	1.5	H (m)	80	75	69	62	56	50	44	39	33	27	21	15	9	2
E	HKm150	1.5	2	H (m)	85	80	74	68	62	56	50	44	38	32	26	19	12	5
F	HKm220	2.2	3	H (m)	95	90	84	78	72	66	59	53	46	39	32	24	16	9

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HKm60	1" × 1"	5.2	270 × 140 × 170
B	HKm70	1" × 1"	8.5	325 × 185 × 207
C	HKm80	1" × 1"	9.5	325 × 185 × 207
D	HKm100	1" × 1"	15.1	380 × 205 × 245
E	HKm150	1" × 1"	16.2	380 × 205 × 245
F	HKm220	1" × 1"	17.1	380 × 205 × 245

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.