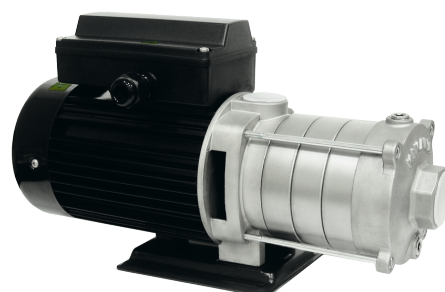




KIKAWA

Horizontal Multistage Pump

KH02/04/08/12 Series



ISO 9001 Certified

KIKAWA PUMP CO., LTD.





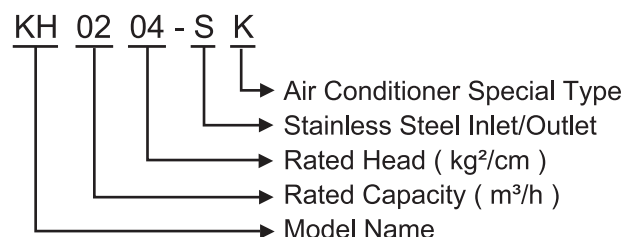
FEATURES

- § Horizontal multistage centrifugal co-axial design.
- § High efficiency stamping stainless pump diffusers and impellers.
- § Ambient temperature : +2 °C ~ +40 °C
- § Liquid temperature
+0 °C ~ +90°C (Viton/SiC Mechanical Seal)
- § Maximum inlet pressure : 6 kg/cm²
- § Maximum output pressure : 10 kg/cm²
- § Motor protection : IP 54
- § Motor insulation class : F

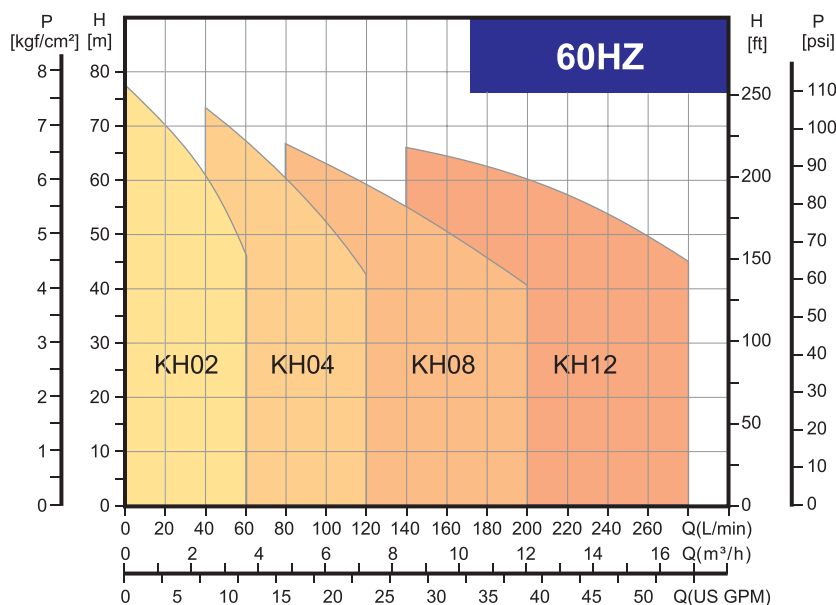
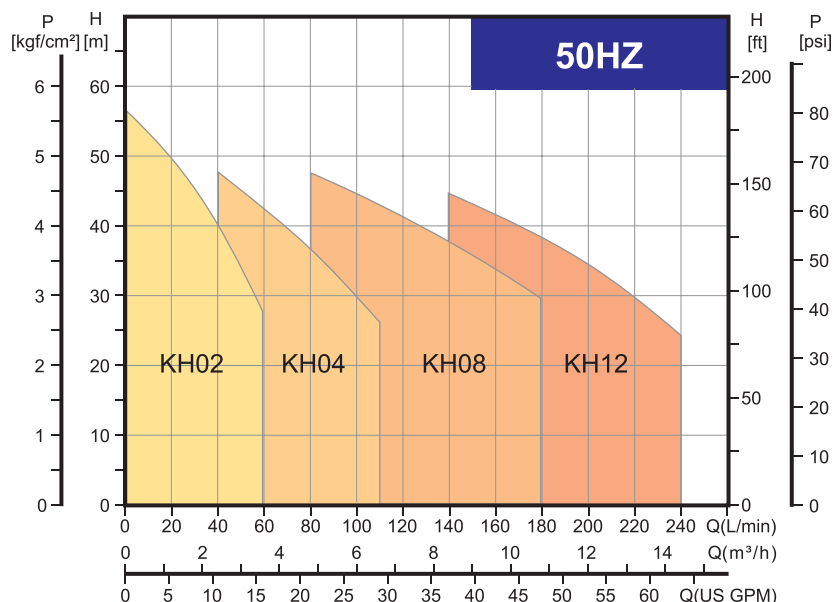
APPLICATIONS

- § House / apartment water supply
- § Water pressure booster
- § Industrial circulation system
- § Washing / cleaning machine system
- § Machining cooling circulation
- § Air conditioner / refrigerator system
- § Agriculture / garden irrigation

MODEL EXPLANATION

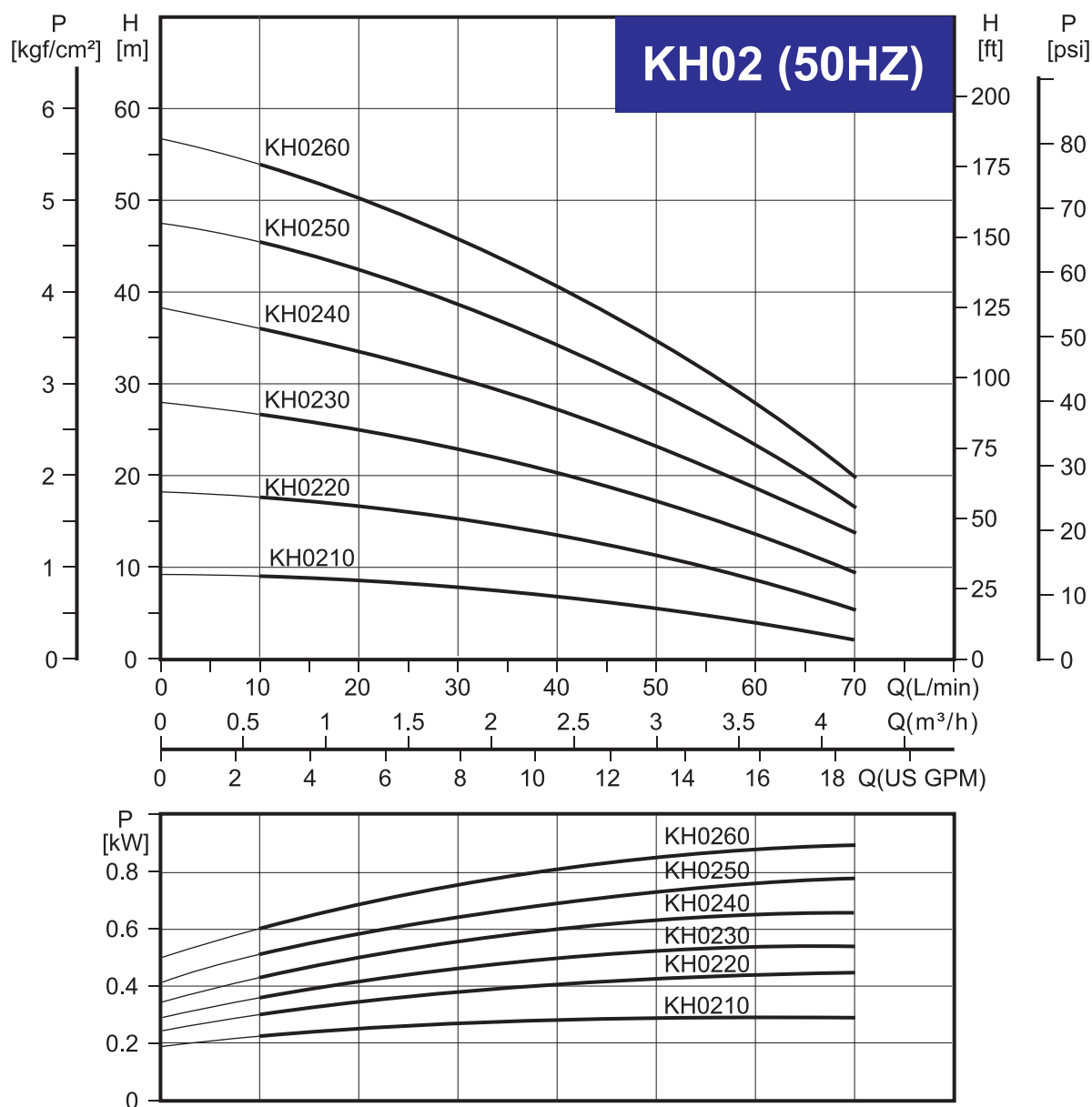


PERFORMANCE SCOPE





PERFORMANCE CURVES



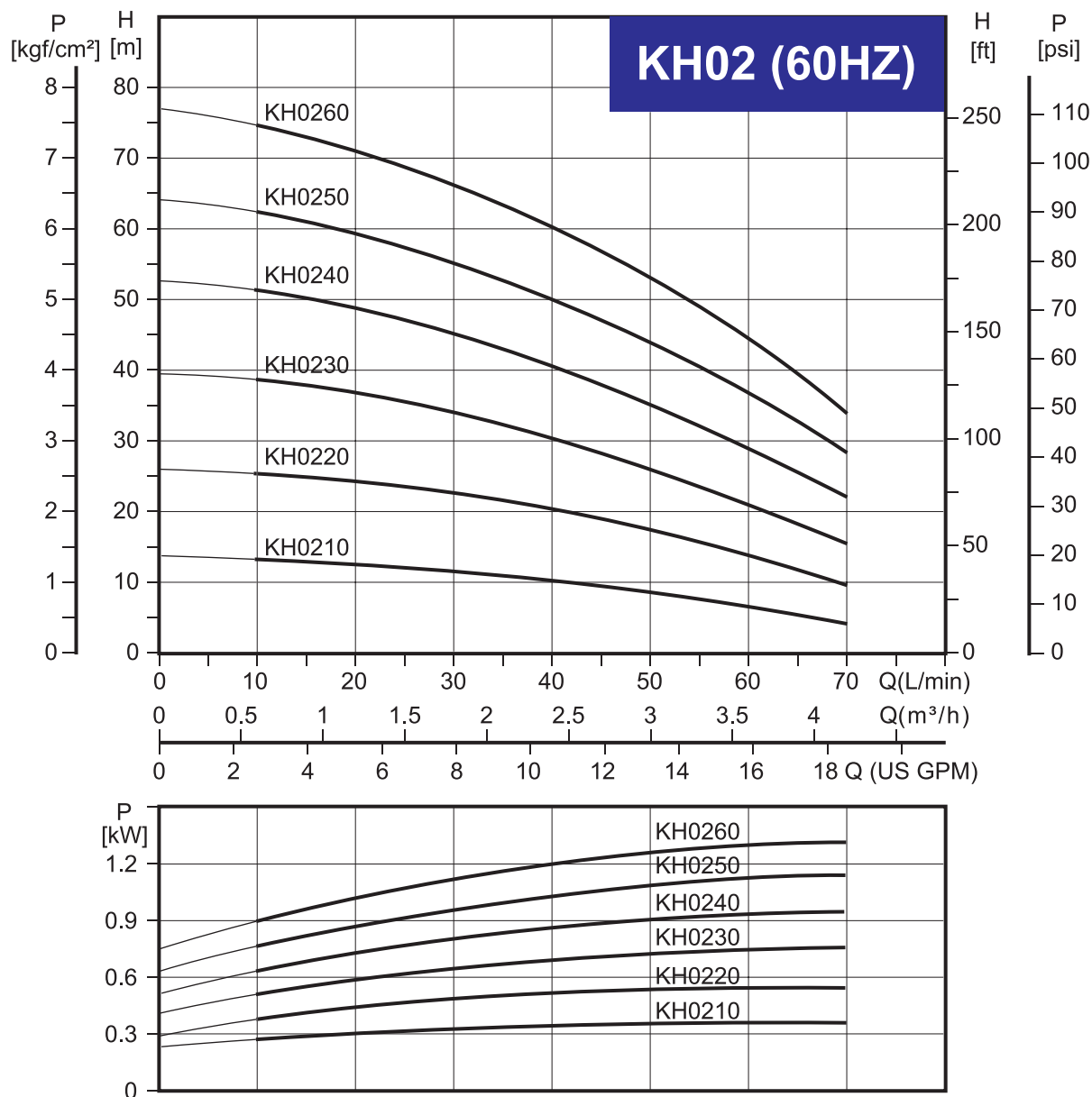
SPECIFICATION AND ELECTRICAL DATA (50HZ, 2850 RPM)

Model	Rated Input (kW)	Rated Capacity (l/min)	Rated Head (m)	Max. Head (m)	Phase (Ø)	Volts (V)	Input Current (A)	Order Number (*)
KH0210	0.30	40	7	9	1	220~240	1.3	KH0210512
					3	200~255 / 380~440	1.4 / 0.8	KH0210530
KH0220	0.45	40	14	18	1	220~240	1.6	KH0220512
					3	200~255 / 380~440	1.6 / 0.9	KH0220530
KH0230	0.55	40	20	28	1	220~240	2.2	KH0230512
					3	200~255 / 380~440	1.8 / 1.0	KH0230530
KH0240	0.65	40	27	38	1	220~240	2.9	KH0240512
					3	200~255 / 380~440	2.4 / 1.4	KH0240530
KH0250	0.75	40	34	47	1	220~240	3.3	KH0250512
					3	200~255 / 380~440	2.8 / 1.7	KH0250530
KH0260	0.90	40	40	56	1	220~240	3.8	KH0260512
					3	200~255 / 380~440	3.1 / 1.9	KH0260530

(*) Postfix "S" or "K" to order number for special specifications.



PERFORMANCE CURVES



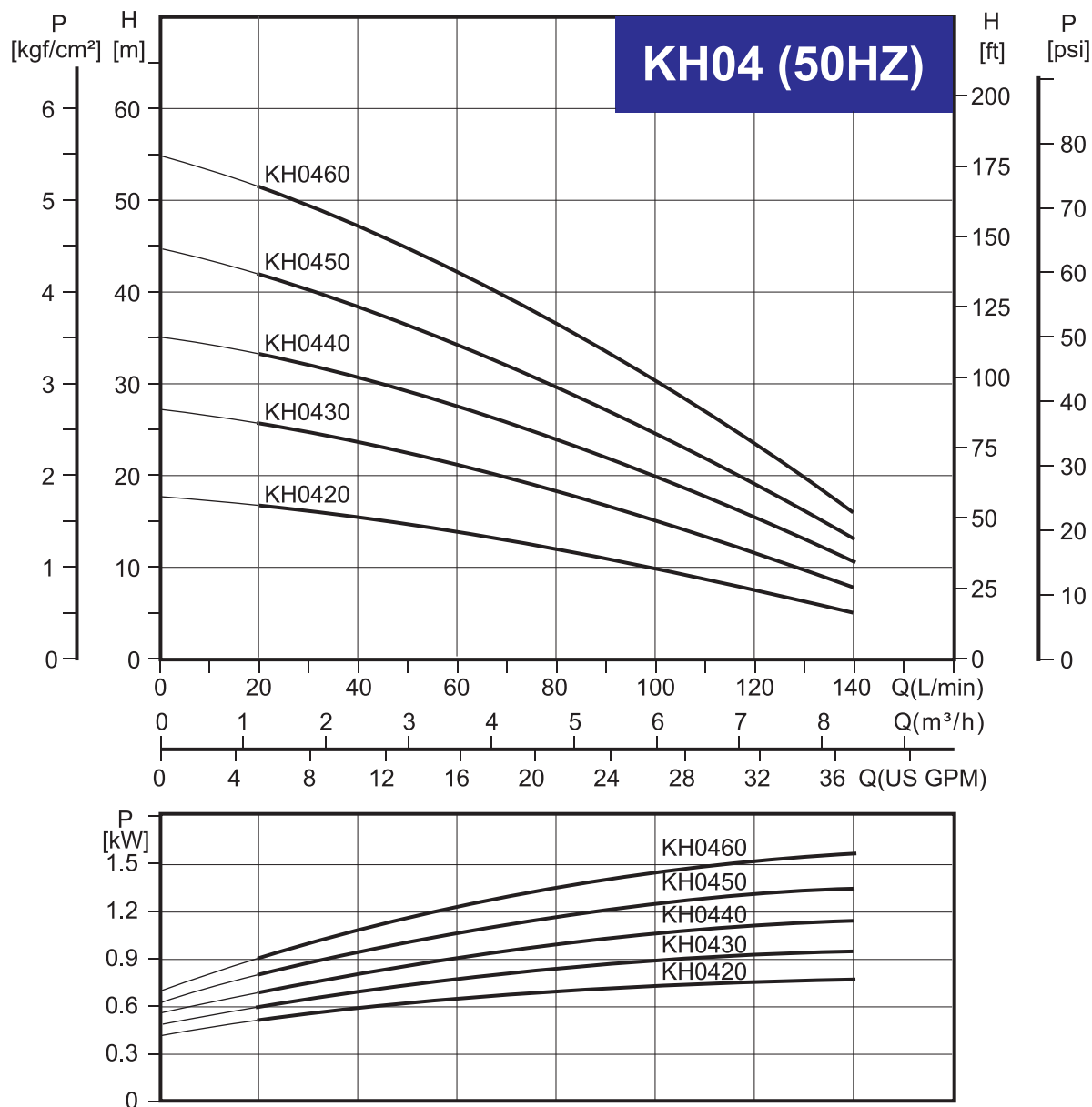
SPECIFICATION AND ELECTRICAL DATA (60Hz, 3450 RPM)

Model	Rated Input (kW)	Rated Capacity (l/min)	Rated Head (m)	Max. Head (m)	Phase (Ø)	Volts (V)	Input Current (A)	Order Number (*)
KH0210	0.35	40	10	13	1	110~120 / 220~240	3.2 / 1.6	KH0210610
					3	220~240 / 380~415	1.4 / 0.8	KH0210630
KH0220	0.55	40	20	25	1	110~120 / 220~240	5.2 / 2.6	KH0220610
					3	220~240 / 380~415	1.8 / 1.0	KH0220630
KH0230	0.75	40	30	38	1	110~120 / 220~240	7.0 / 3.5	KH0230610
					3	220~240 / 380~415	2.4 / 1.4	KH0230630
KH0240	0.95	40	40	52	1	110~120 / 220~240	9.2 / 4.6	KH0240610
					3	220~240 / 380~415	2.8 / 1.6	KH0240630
KH0250	1.15	40	50	64	1	220~240	5.6	KH0250612
					3	220~240 / 380~415	3.3 / 1.9	KH0250630
KH0260	1.35	40	60	75	1	220~240	6.7	KH0260612
					3	220~240 / 380~415	4.0 / 2.3	KH0260630

(*) Postfix "S" or "K" to order number for special specifications.



PERFORMANCE CURVES



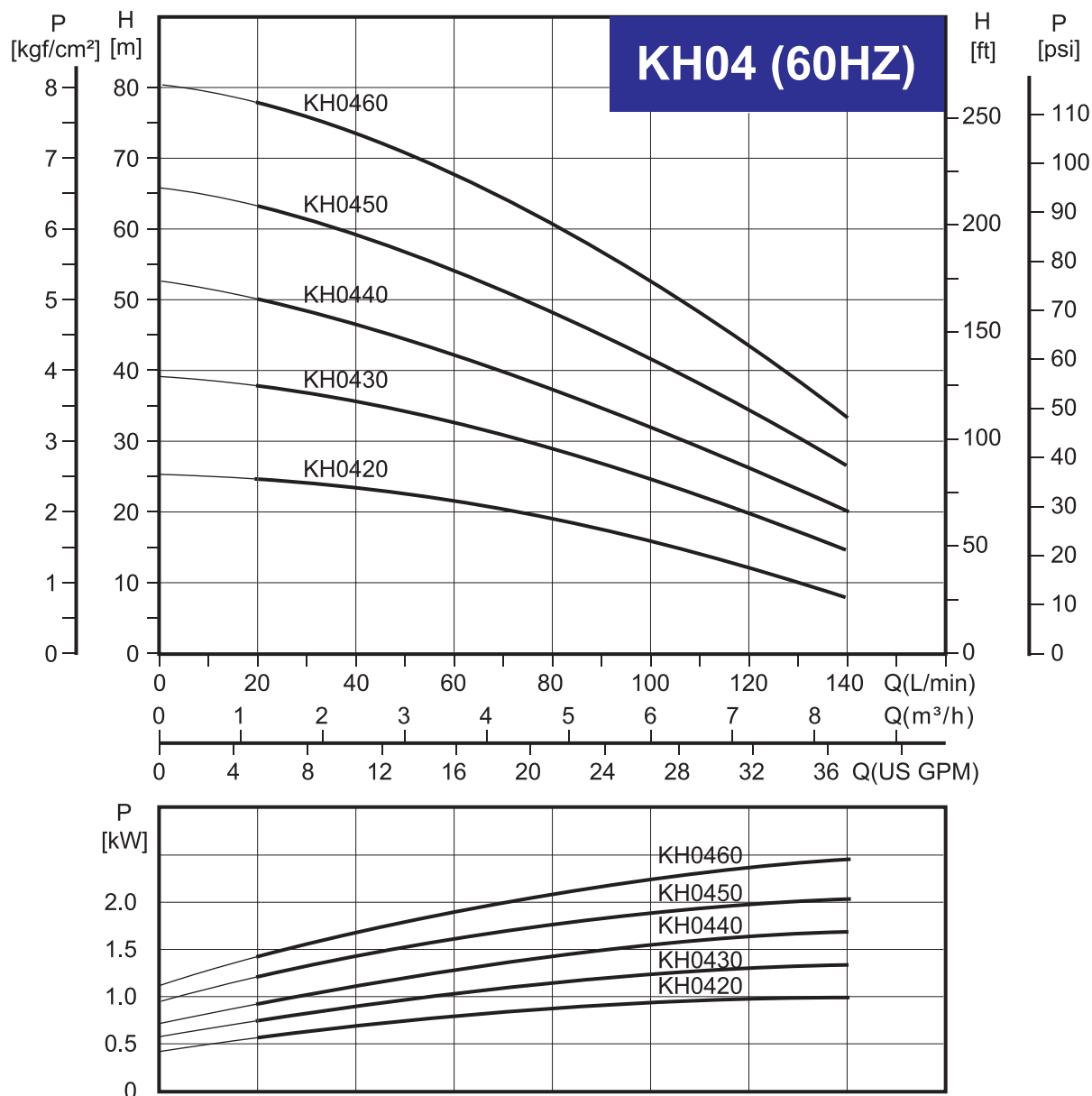
SPECIFICATION AND ELECTRICAL DATA (50HZ, 2850 RPM)

Model	Rated Input (kW)	Rated Capacity (l/min)	Rated Head (m)	Max. Head (m)	Phase (Ø)	Volts (V)	Input Current (A)	Order Number (*)
KH0420	0.75	80	12	18	1	220~240	3.3	KH0420512
					3	200~255 / 380~440	2.3 / 1.3	KH0420530
KH0430	0.95	80	18	27	1	220~240	3.8	KH0430512
					3	200~255 / 380~440	3.1 / 1.8	KH0430530
KH0440	1.15	80	24	35	1	220~240	5.0	KH0440512
					3	200~255 / 380~440	3.5 / 2.0	KH0440530
KH0450	1.35	80	30	44	1	220~240	6.2	KH0450512
					3	200~255 / 380~440	3.8 / 2.2	KH0450530
KH0460	1.55	80	36	53	1	220~240	7.8	KH0460512
					3	200~255 / 380~440	5.0 / 3.0	KH0460530

(*) Postfix "S" or "K" to order number for special specifications.



PERFORMANCE CURVES



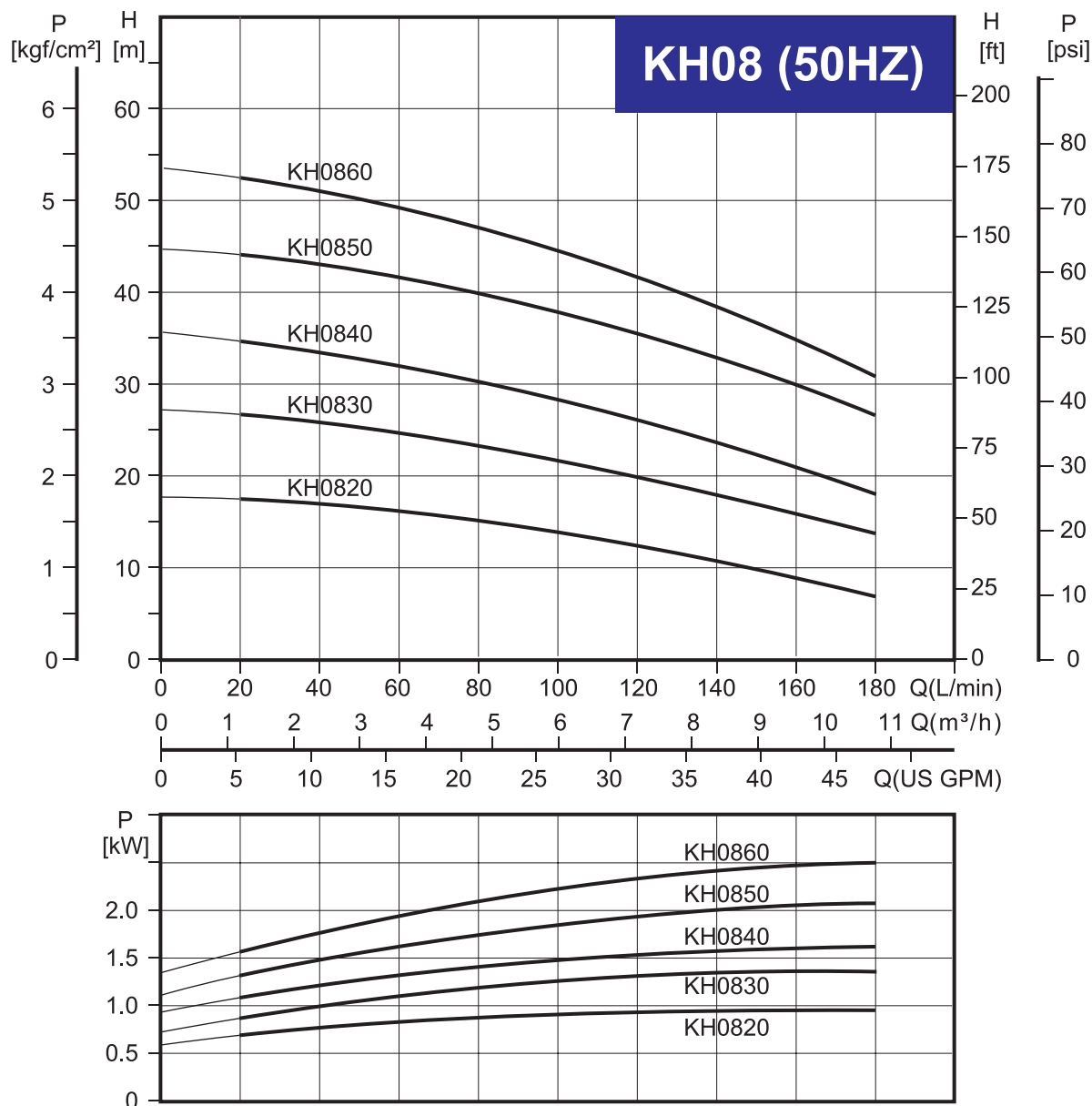
SPECIFICATION AND ELECTRICAL DATA (60HZ, 3450 RPM)

Model	Rated Input (kW)	Rated Capacity (l/min)	Rated Head (m)	Max. Head (m)	Phase (Ø)	Volts (V)	Input Current (A)	Order Number (*)
KH0420	0.95	100	16	25	1	110~120 / 220~240	9.2 / 5.2	KH0420610
					3	220~240 / 380~415	3.0 / 1.7	KH0420630
KH0430	1.35	100	24	38	1	220~240	6.5	KH0430612
					3	220~240 / 380~415	4.5 / 2.6	KH0430630
KH0440	1.75	100	32	52	1	220~240	8.1	KH0440612
					3	220~240 / 380~415	5.2 / 3.0	KH0440630
KH0450	2.15	100	42	66	1	220~240	10.5	KH0450612
					3	220~240 / 380~415	6.7 / 3.8	KH0450630
KH0460	2.55	100	52	80	1	220~240	11.8	KH0460612
					3	220~240 / 380~415	7.5 / 4.3	KH0460630

(*) Postfix "S" or "K" to order number for special specifications.



PERFORMANCE CURVES



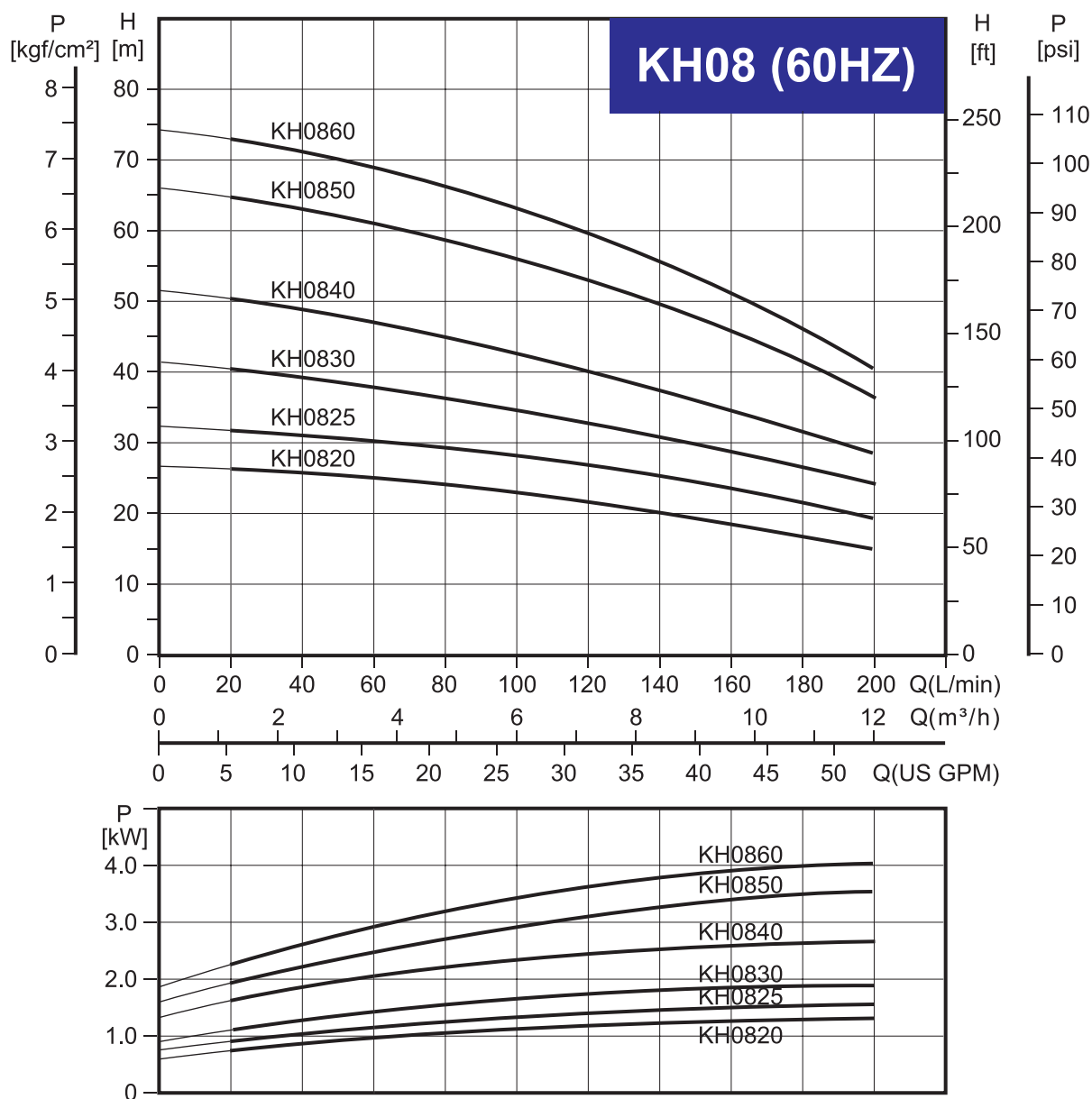
SPECIFICATION AND ELECTRICAL DATA (50HZ, 2850 RPM)

Model	Rated Input (kW)	Rated Capacity (l/min)	Rated Head (m)	Max. Head (m)	Phase (Ø)	Volts (V)	Input Current (A)	Order Number (*)
KH0820	0.95	120	12	18	1	220~240	3.8	KH0820512
					3	200~255 / 380~440	3.0 / 1.8	KH0820530
KH0830	1.25	120	20	28	1	220~240	5.8	KH0830512
					3	200~255 / 380~440	4.1 / 2.4	KH0830530
KH0840	1.55	120	25	35	1	220~240	7.6	KH0840512
					3	200~255 / 380~440	5.0 / 3.0	KH0840530
KH0850	2.00	120	35	45	3	200~255 / 380~440	6.0 / 3.6	KH0850530
KH0860	2.45	120	40	53	3	200~255 / 380~440	7.0 / 4.1	KH0860530

(*) Postfix "S" or "K" to order number for special specifications.



PERFORMANCE CURVES



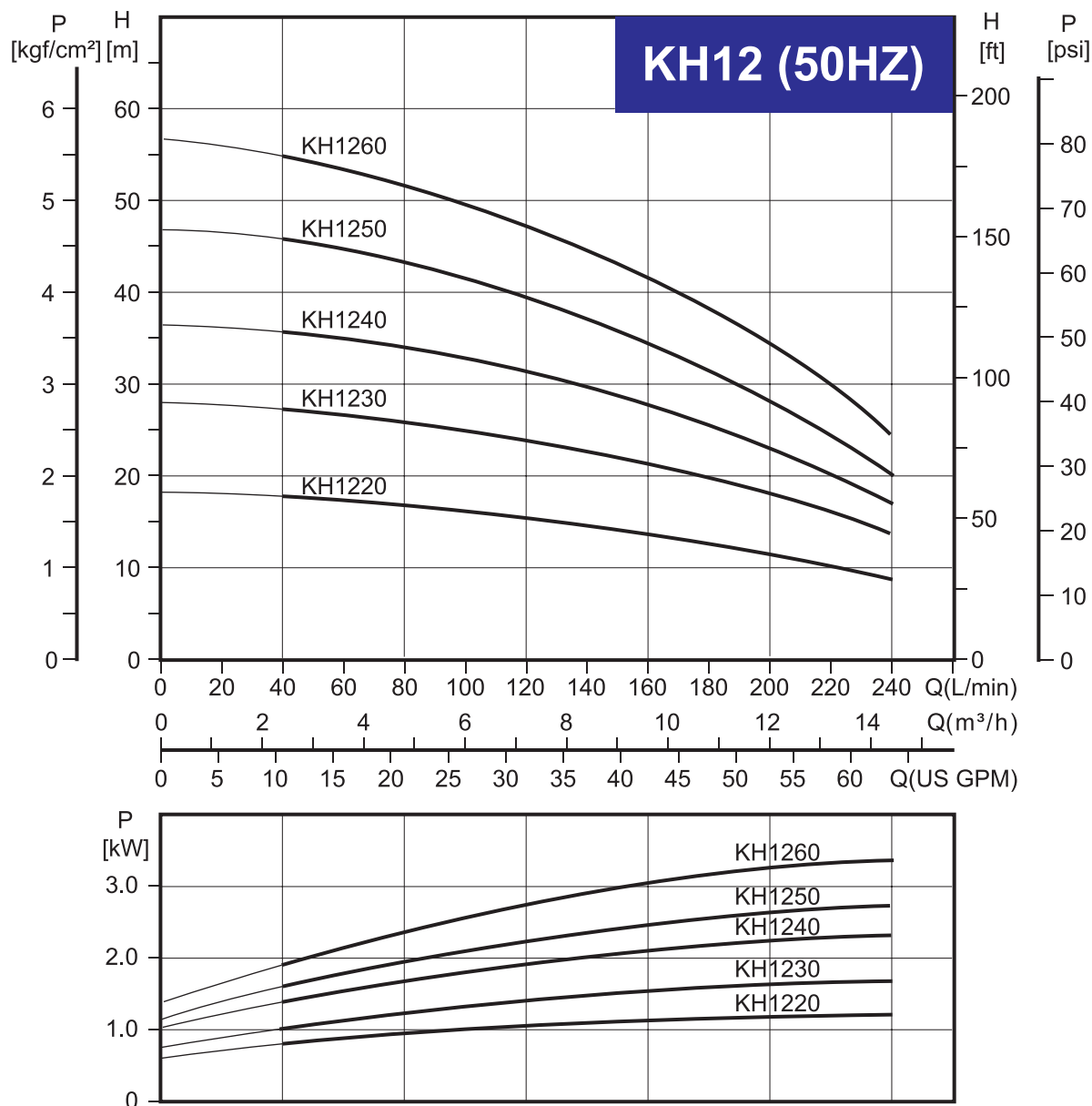
SPECIFICATION AND ELECTRICAL DATA (60HZ, 3450 RPM)

Model	Rated Input (kW)	Rated Capacity (l/min)	Rated Head (m)	Max. Head (m)	Phase (Ø)	Volts (V)	Input Current (A)	Order Number (*)
KH0820	1.35	140	20	25	1	220~240	6.3	KH0820612
					3	220~240 / 380~415	3.9 / 2.2	KH0820630
KH0825	1.55	140	25	30	1	220~240	8.0	KH0825612
					3	220~240 / 380~415	4.3 / 2.5	KH0825630
KH0830	1.85	140	30	40	1	220~240	9.7	KH0830612
					3	220~240 / 380~415	6.3 / 3.6	KH0830630
KH0840	2.65	140	35	50	1	220~240	12.0	KH0840612
					3	220~240 / 380~415	7.9 / 4.6	KH0840630
KH0850	3.50	140	50	65	3	220~240 / 380~415	11.0 / 6.4	KH0850630
KH0860	4.00	140	55	70	3	220~240 / 380~415	12.5 / 7.2	KH0860630

(*) Postfix "S" or "K" to order number for special specifications.



PERFORMANCE CURVES



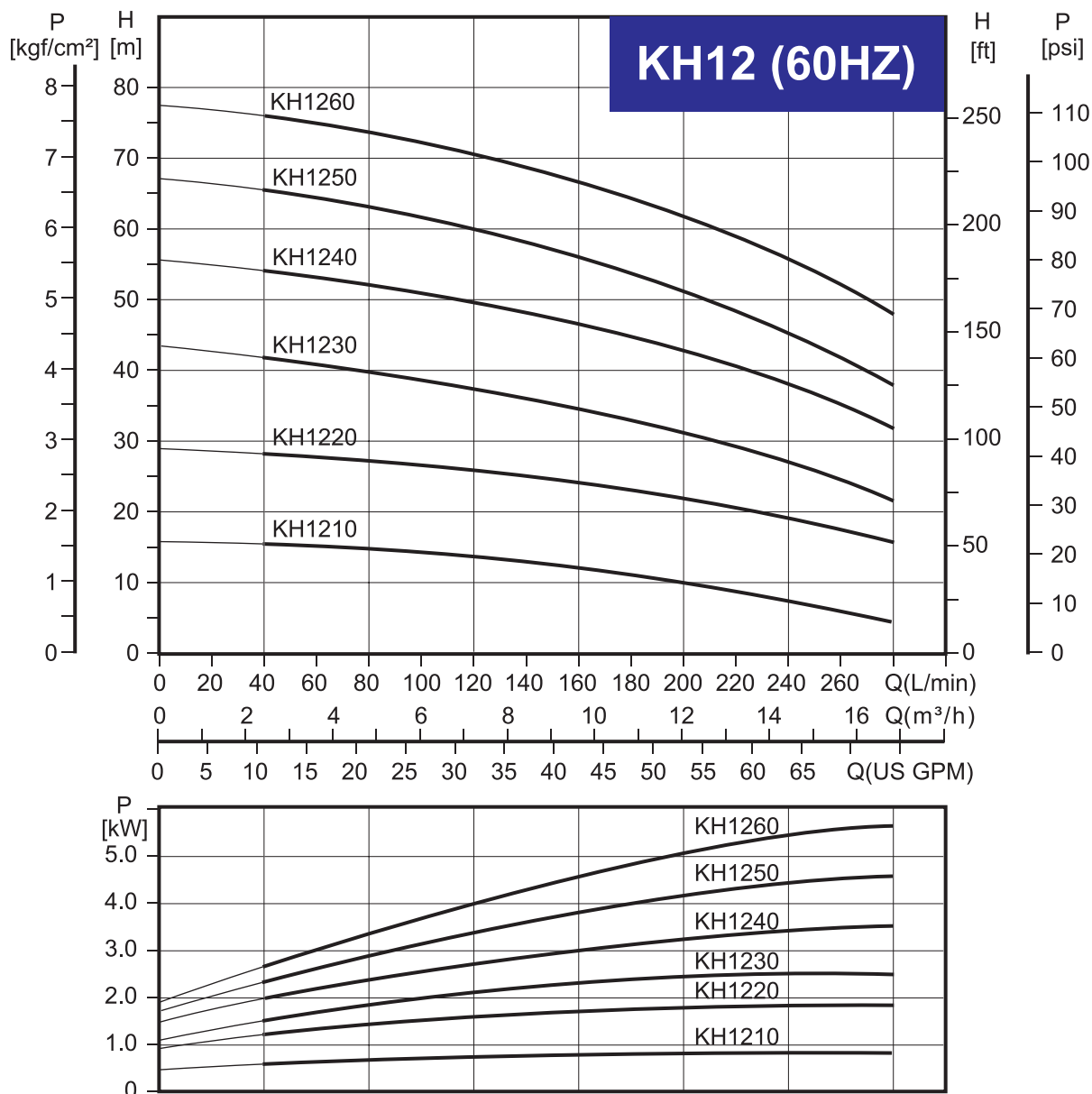
SPECIFICATION AND ELECTRICAL DATA (50HZ, 2850 RPM)

Model	Rated Input (kW)	Rated Capacity (l/min)	Rated Head (m)	Max. Head (m)	Phase (Ø)	Volts (V)	Input Current (A)	Order Number (*)
KH1220	1.25	180	14	18	1	220~240	5.8	KH1220512
					3	200~255 / 380~440	3.9 / 2.2	KH1220530
KH1230	1.55	180	20	28	1	220~240	7.4	KH1230512
					3	200~255 / 380~440	4.8 / 2.8	KH1230530
KH1240	2.25	180	25	36	3	200~255 / 380~440	6.8 / 4.0	KH1240530
KH1250	2.60	180	32	46	3	200~255 / 380~440	9.0 / 5.4	KH1250530
KH1260	3.25	180	38	55	3	200~255 / 380~440	10.5 / 6.0	KH1260530

(*) Postfix "S" or "K" to order number for special specifications.



PERFORMANCE CURVES



SPECIFICATION AND ELECTRICAL DATA (60HZ, 3450 RPM)

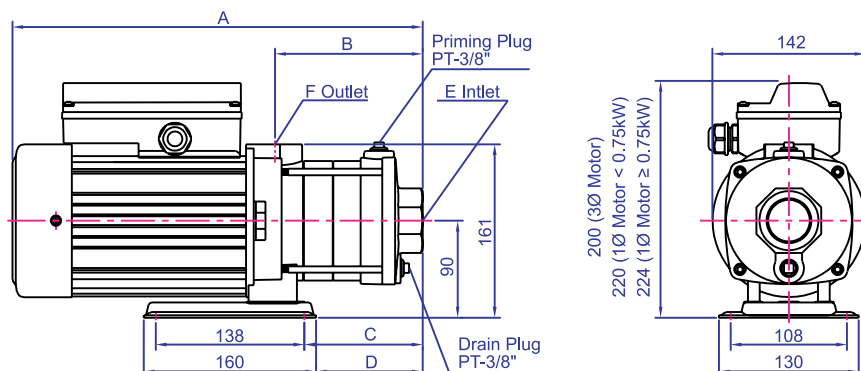
Model	Rated Input (kW)	Rated Capacity (l/min)	Rated Head (m)	Max. Head (m)	Phase (Ø)	Volts (V)	Input Current (A)	Order Number (*)
KH1210	0.85	200	10	15	1	220~240	4.3	KH1210612
					3	220~240 / 380~415	3.0 / 1.7	KH1210630
KH1220	1.85	200	20	28	1	220~240	9.4	KH1220612
					3	220~240 / 380~415	5.8 / 3.4	KH1220630
KH1230	2.60	200	32	42	1	220~240	12.0	KH1230612
					3	220~240 / 380~415	7.5 / 4.4	KH1230630
KH1240	3.85	200	42	54	3	220~240 / 380~415	11.8 / 6.8	KH1240630
KH1250	4.50	200	50	65	3	220~240 / 380~415	14.8 / 8.5	KH1250630
KH1260	5.50	200	60	75	3	220~240 / 380~415	17.0 / 9.8	KH1260630

(*) Postfix "S" or "K" to order number for special specifications.



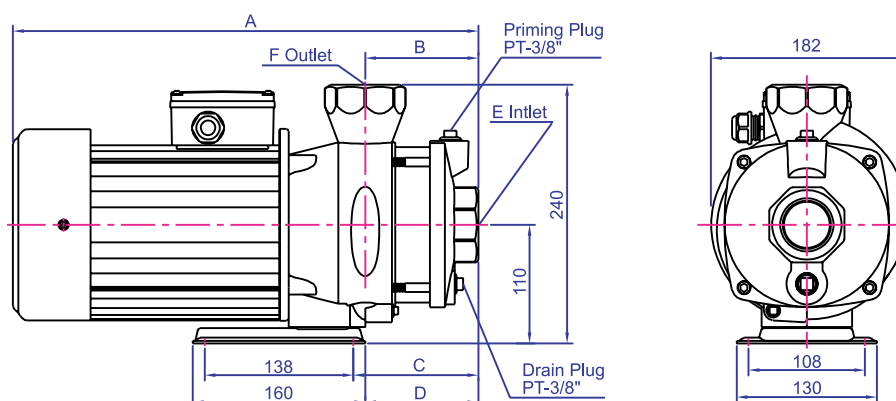
DIMENSIONS

KH02/04



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (inch)	F (inch)	Weight (kg)
KH0210 / KH0220	305	99	74	63	1"	1"	11.8
KH0230	323	117	92	81	1"	1"	11.9
KH0240	341	135	110	99	1"	1"	12.0
KH0250	399	153	128	117	1"	1"	13.5
KH0260	417	171	146	135	1"	1"	13.6
KH0420	314	108	83	72	1¼"	1"	11.8
KH0430	381	135	110	99	1¼"	1"	13.4
KH0440	408	162	137	126	1¼"	1"	14.2
KH0450	435	189	164	153	1¼"	1"	14.5
KH0460	462	216	191	180	1¼"	1"	16.5

KH08/12



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (inch)	F (inch)	Weight (kg)	
							50Hz	60Hz
KH0820	330	73	84	73	1½"	1½"	18.5	18.5
KH0825	402	105	116	105	1½"	1½"	--	19.5
KH0830	402	105	116	105	1½"	1½"	19.5	20.5
KH0840	432	105	116	105	1½"	1½"	20.5	26.0
KH0850	464	137	148	137	1½"	1½"	26.0	28.0
KH0860	464	137	148	137	1½"	1½"	26.0	28.0
KH1210	330	73	84	73	1½"	1½"	--	17.5
KH1220	370	73	84	73	1½"	1½"	20.5	19.5
KH1230	432	105	116	105	1½"	1½"	20.5	25.5
KH1240	432	105	116	105	1½"	1½"	25.5	28.0
KH1250	464	137	148	137	1½"	1½"	29.5	33.5
KH1260	464	137	148	137	1½"	1½"	29.5	33.5



KIKAWA

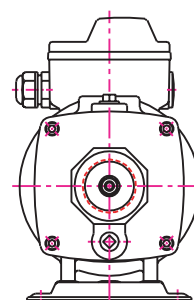
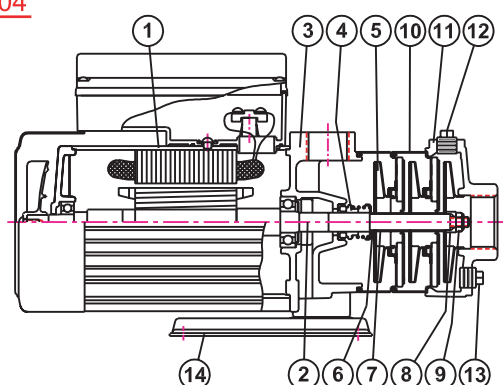
KH-Series

Horizontal Multistage Pump

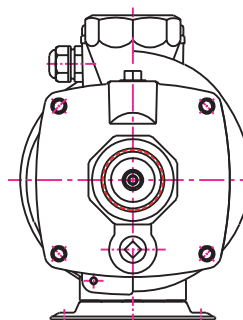
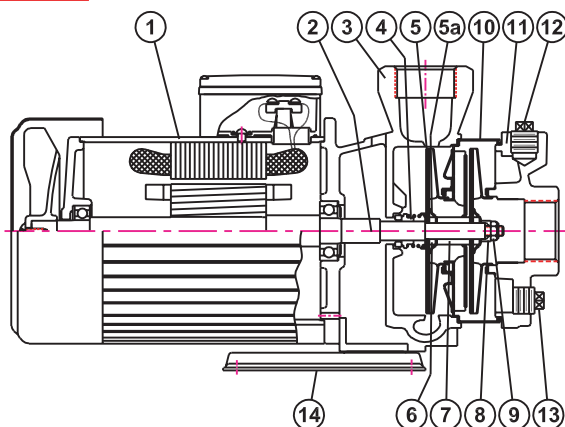
CONSTRUCTION

Item	Name	Description	Item	Name	Description
1	Motor	2-Pole / 1or 3 Phase	8	Shaft Sleeve	SUSS304
2	Pump Shaft	SC45C+SUS304	9	Lock Nut	SUS304
3	Pump Outlet	FC200 / SUS304	10	Diffuser Assembly	SUS3004
4	Mechanical Seal	VITON / SiC	11	Pump Inlet	FC200 / SUS304
5	Impeller	SUS304	12	Priming Plug	FC200 / SUS304
6	Shaft Sleeve	SUS304	13	Drain Plug	FC200 / SUS304
7	Shaft Sleeve	SUS304	14	Motor Base	S45C

KH02/04



KH08/12



Agency



ISO 9001 Certified

KIKAWA PUMP CO., LTD.