GENVIK
WE MAKE IT BETTER

Peripheral & Centrifugal Monoblock Pumps - 50Hz

CE | An ISO 9001 Company

MARSHALLING THE POWER OF TECHNOLOGY TO PROVIDE COST EFFECTIVE PUMPING SOLUTIONS

Genvik is one of the emerging leaders in the world with the capability and the resources to provide pumping solutions that are not only cost effective but contributes to better productivity. As a technology oriented company Genvik has made major investments to stay on the cutting edge of pump manufacture. While the focus is on industrial pumps, Genvik has also developed pumping systems for diverse applications.

Genvik pumps are manufactured at ISO 9001&14001 facilities, equipped with state of art testing equipments and highly sophisticated machinery. Design and manufacture are carried out under digital environment for zero defect product turn out.

Backed by strong customer service and a willingness to listen to customer perceptions and needs, Genvik is a name to reckon with in the world of pumps.

VISION

To always stay on the cutting edge of pump and other accessories manufacture. with special emphasis on industrial pumps, to ensure that customers across the globe enjoy the benefits of our efforts to provide world class products.

MISSION

By embracing technology coupled with innovative thinking, we will meet customer expectations for high performance products with affordability as a key factor. We seek to do it by staying open to the latest developments in the field, by being proactive and optimistic and through teamwork, resourcefulness and commitment.

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PERIPHERAL PUMPS

DESCRIPTION

Genvik Peripheral pump's volute chamber and impellers are designed to give the best possible hydraulic efficiency and suction lift characteristics. The S.S inserts provided inside the pump casing reduces wear & tear and this give longer life and prevent the pump from seizing if it is kept idle for long period. Motor stator is made of low watt loss steel laminations. The windings are of high grade enameled copper wire and are varnish impregnated. Dynamically balanced rotor ensure vibration and noise free operations. Construction of motor frames and usage of quality materials result in high performance and low temperature rise thereby increasing the life cycle of the motor.

MODEL IDENTIFICATION

K P ★ - ★★ - ★

- ★ — Phase / Connection
  - S = Single Phase PSC
  - T = Three Phase DOL
- ★★ — Motor Power in HP
  - 05 = 0.5
  - 10 = 1.0
- ★ — E = End Suction; S = Self-priming
- P — Peripheral Pumps
- K — Genvik

FEATURES	APPLICATIONS
Sturdy and compact.	Residential.
Quiet and maintenance free.	Gardens.
Excellent hydraulic performance.	Washing Systems.
Good suction lift characteristics.	Pressure Boosting Unit and Civil Applications.
S.S insert is provided in the pump casing	
Incorporated with thermal overload protector.	
Dynamically balanced rotating parts	

PUMP OPERATING LIMITS

Max. Suction Lift upto	8 m / 26 ft
Flow Rate upto	0.87 lps / 3.13 m^3/h
Maximum Head upto	74 m / 243 ft
Max. Operating Pressure	7.4 bar.
Max. Liquid Temperature	50°C.
Max. Ambient Temperature	40°C.

SPECIFICATIONS

Power Range	0.37 kW & 0.75 kW
Speed	2900 rpm
Versions	Single phase, 230V, 50Hz A.C. Supply (Permanent split capacitor - PSC) Incorporated with Thermal Overload Protector.
Insulation Class	"B"
Degree of Protection	IP 54
Duty Type	S1 Continuous
Direction of Rotation	Clockwise viewed from driving end
Suc. & Del. Size in mm	25 x 25

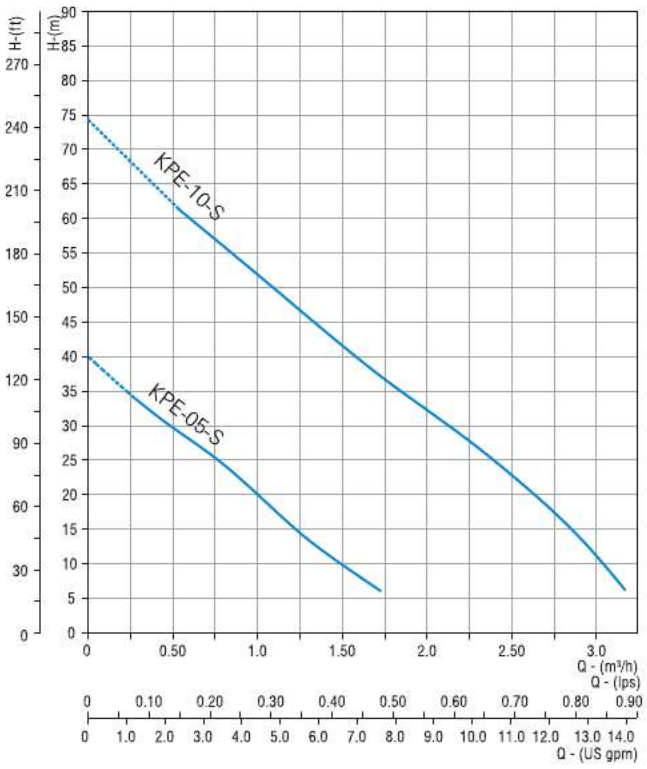
MATERIAL OF CONSTRUCTION

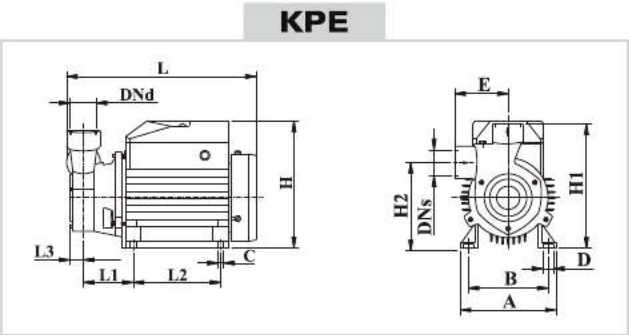
Pump Casing	Cast iron with S.S. Insert
Motor Frame	Aluminium Alloy
Impeller	Forged Brass
Pump Bracket	Cast Iron
Shaft	S.S. 410
Water Filling Plug	Brass
Mechanical Seal	Carbon & Ceramic
'O'Ring	NBR

The Given details / drawings / specifications are subject to change without prior notice.

End Suction Type

PERFORMANCE CURVES & DATA





Pump Model	Motor Power		Type	Nominal Pump Size in Inches Inlet x Outlet	Suction Lift in m	DISCHARGE in lps / m³/h										
						lps	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
	kW	HP				m³/h	0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.1
KPE-05-S	0.37	0.5	End Suction	1 x 1	8	Total Head in Metres	40	32	26	18	11	6 (1.6m)				
KPE-10-S	0.75	1.0	End Suction	1 x 1	8		74	58	32.5	50	43	36	29	23	14	6

Pump Model	Motor Power		L1	L2	L	A	B	C	D	E	H	H1	H2	L3	DNs	DNd	Approx. Nett weight in kg
	kW	HP															
KPE-05-S	0.37	0.5	68.5	80	259	121	100	7.7	10.5	22	158	138	62	47	1"	1"	7.0
KPE-10-S	0.75	1.0	85	99.5	310	136	112	8.0	8.0	26	198	161	71	58	1"	1"	13.0

* All Dimensions are in mm.

The above given performance curves are common for both single phase & three phase.
The final digit of the model identification "S" which denotes single phase pumps will be replaced by "T" in case of three phase pumps.

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CENTRIFUGAL MONOBLOCK PUMPS

CENTRIFUGAL MONOBLOCK PUMPS

DESCRIPTION

Genvik Centrifugal Monoblock Pumps are well designed and developed by employing high-tech machinery and tools with the complement of cutting edge technology to ensure sustained performance. These centrifugal pumps are provided with axial suction port and radial discharge port. The integrated and most modern quality assurance systems used at each and every stage of production for an efficient and the consistent operation.

MODEL IDENTIFICATION

K M - ★ ★★ / ★★ - ★

- Phase Connection / Frequency -50Hz
  S = Single Phase PSC, T = Three Phase DOL
  D=Three Phase SD
- Motor Power - 50Hz (in kW)
  03=0.37, 05=0.55, 07=0.75,
  11=1.1, A1=11, A8=18.5,
  B2=22, J0=100, K2=112
- Nominal Flow
  0.5=0.5, 1.5=1.5, 5=5, 50=50,
  100=100, 125=125
  (Actual m^3/h to be mentioned in
  50Hz & 60Hz in US gpm)
- Material of Construction
  Motor frame / Seal / Impeller
  C=Alu / M.Seal / CI, B=Alu/M.Seal/Bronze
  P=Alu/M.Seal/Plastic, E=Alu/Gland seal/CI
  F=Alu/Gland Seal /Bronze,
  H=Alu/Glandseal/Plastic
  T=CI/M.Seal/CI, R=CI/M.Seal/Bronze
  M=CI/Glandseal/CI,
  N=CI/Glandseal/Bronze
  I=CI/Glandseal/Plastic,
  D=MS/M.Seal/Bronze
- Centrifugal Monoblock Pumps
- Genvik

FEATURES	APPLICATIONS
Compact in design	Washing Stations
Better heat dissipation	Irrigation
Highly versatile and reliable	Households
Lesser power consumption	Gardening
Dynamically balanced rotating parts	Industrial Applications

SPECIFICATIONS

Power Range (kW)	Single Phase 230V - 0.37 kW to 2.2 kW
	Three Phase 380V / 415V - 0.37 kW to 15 kW
Type of Duty	S1 (Continuous)
Degree of Protection	IP 44 / IP 54
Class of Insulation	'F' & 'B'
Nominal Suction & Delivery Size (mm)	1" to 4"

MATERIALS OF CONSTRUCTION

Pump Casing	Cast Iron
Impeller	Cast iron (Optional SS 304 / 316, Plastic, Bronze)
Sealing	Carbon & Ceramic
Shaft	SS 307 / SS 410
Motor Frame	Cast Iron / Aluminium

PUMPED LIQUIDS

Pure, cold, fresh water without abrasive particles having the following characteristics.

pH	6.5 to 8.5
Turbidity	50 ppm silica scale (max.)
Viscosity	1.75×10^{6} m^2/sec (max.)
Hardness (Drinking Water)	300 (max.)
Specific gravity	1.004 (max.)
Allowable solids	3000 ppm (max.)
Chlorine ion density	500 ppm (max.)
Temperature	91.4°F (max)

Note : Bronze / SS Impellers are available on request.

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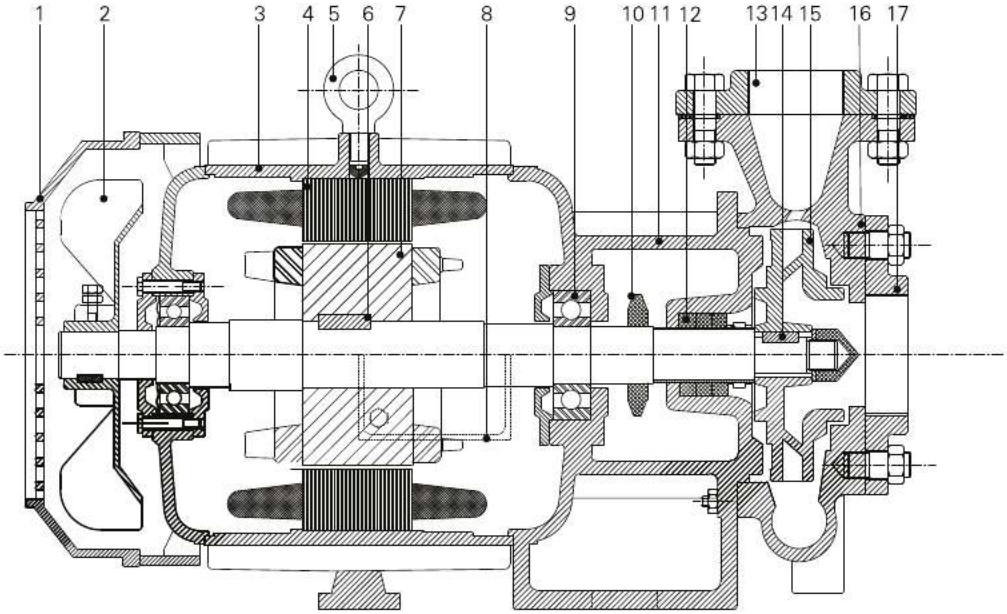
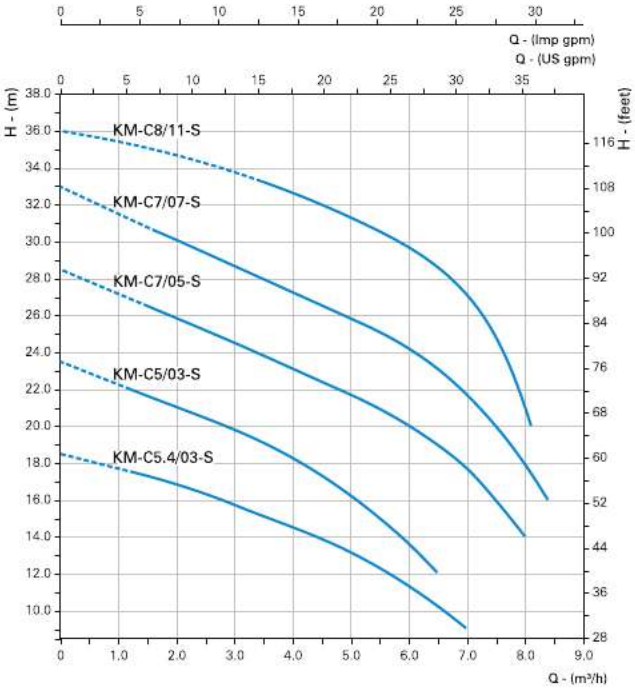
CROSS SECTIONAL DRAWING

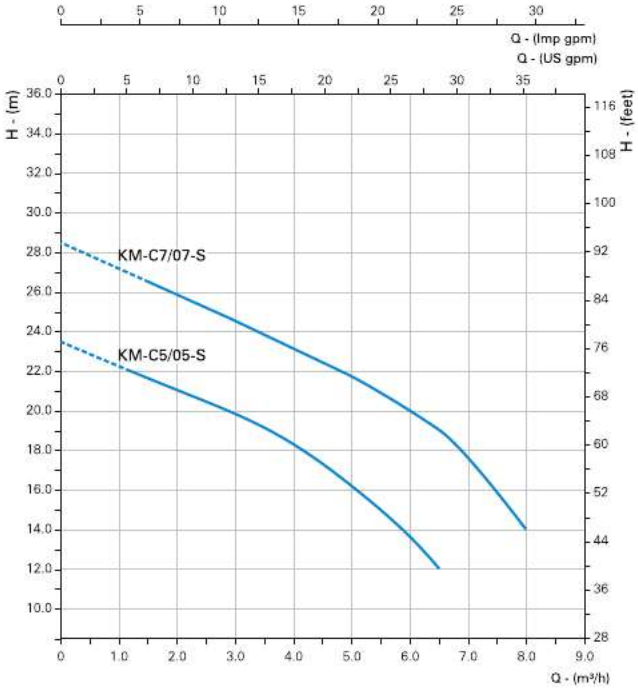


Sl. No.	Components
1	Cooling Fan Cover
2	Cooling Fan
3	Motor Frame
4	Stator
5	Eye Bolt
6	Rotor Key
7	Rotor Shaft
8	Terminal Box
9	Ball Bearing

Sl. No.	Components
10	Deflector
11	Bracket
12	Mechanical Seal
13	Delivery Flange
14	Impeller Key
15	Closed Impeller
16	Pump casing
17	Suction Flange

PERFORMANCE CURVES & DATA





Model		Power		Inlet & Outlet in inches	Total Head in Metres																	
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		9	10	12	14	15	16	18	20	22	23	24	26	27	28	30	32	35	36
					Discharge in lps																	
KM-C5.4/03-S	KM-C5.4/03-T	0.37	0.5	1 x 1	1.93	1.83	1.58	1.23	1.00	0.75	0.56 (17m)	0.00 (18.5m)										
KM-C5/03-S	KM-C5/03-T	0.37	0.5	1 x 1			1.80	1.62	1.52	1.39	1.10	0.80	0.56 (21m)	0.00 (23.5m)	0.00	0.00						
KM-C7/05-S	KM-C7/05-T	0.55	0.75	1 x 1				2.22	2.14	2.08	1.90	1.66	1.33	1.13	0.93	0.52	0.32	0.00 (28.5m)				
KM-C7/07-S	KM-C7/07-T	0.75	1.0	1 x 1						2.33	2.21	2.07	1.90	1.81	1.70	1.37	1.16	0.97	0.55	0.00 (33m)		
KM-C8/11-S	KM-C8/11-T	1.1	1.5	1 x 1								2.25	2.18	2.15	2.12	2.02	1.95	1.86	1.61	1.25	0.56	0.00

Model		Power		Inlet & Outlet in inches	Total Head in Metres							
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		12	14	16	18	20	22	24	26
					Discharge in lps							
KM-C5/05-S	KM-C5/05-T	0.55	0.7	1 x 1	1.80	1.63	1.42	1.17	0.80	0.33		
KM-C7/07-S	KM-C7/07-T	0.75	1.0	1 x 1		2.22	2.07	1.92	1.67	1.33	0.93	0.53

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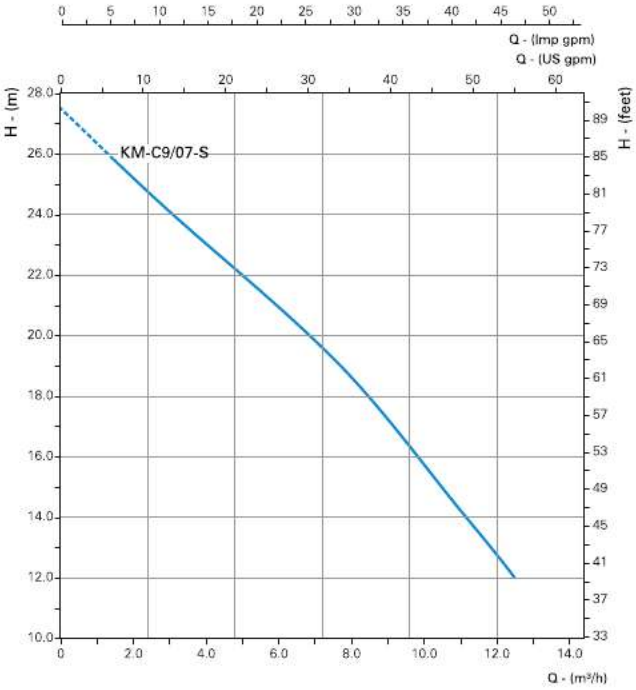
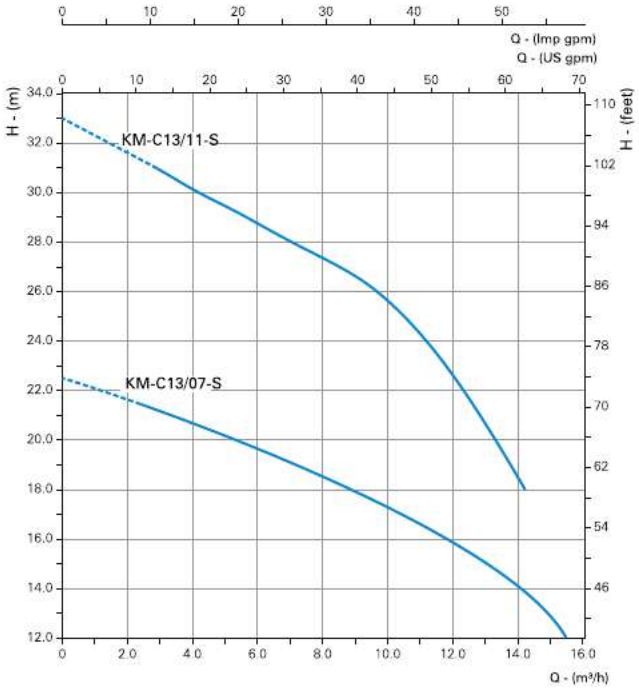
PERFORMANCE CURVES & DATA



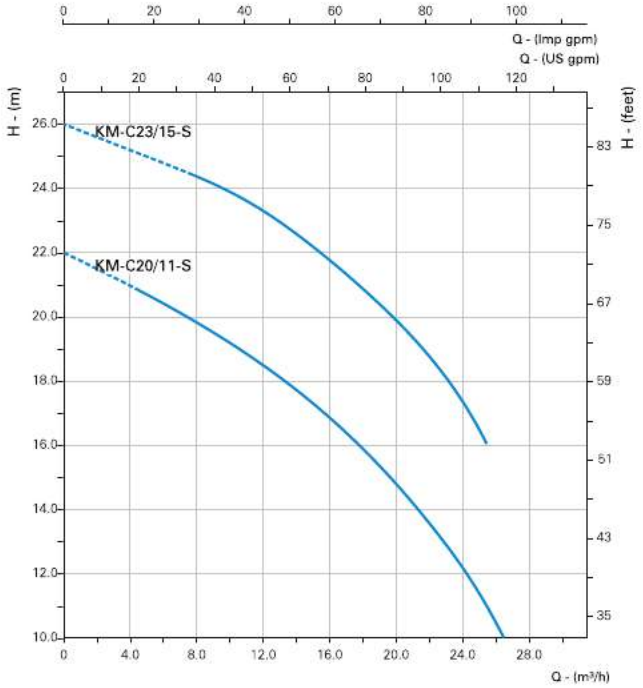


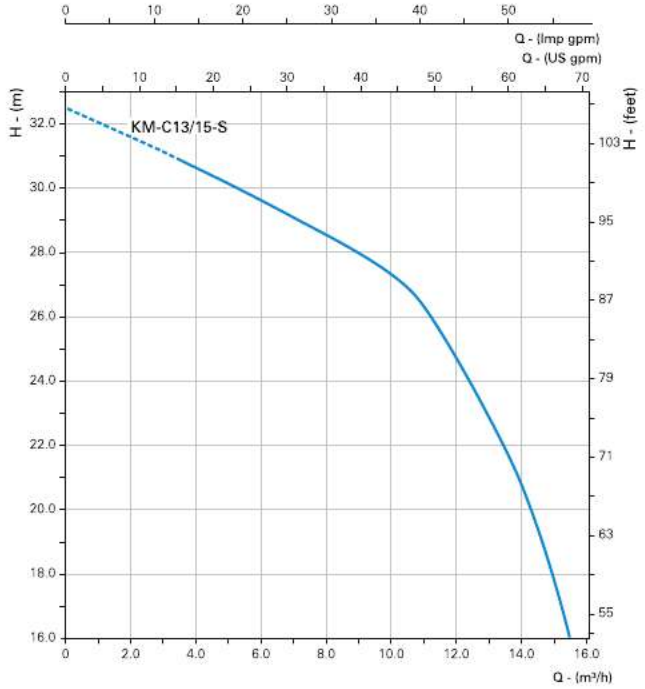
Model		Power		Inlet & Outlet in inches	Total Head in Metres										
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		12	14	15	16	18	20	22	23	24	26	27
					Discharge in lps										
KM-C9/07-S	KM-C9/07-T	0.75	1.0	1¼ x 1	3.47	3.10	2.91	2.72	2.35	1.90	1.39	1.12	0.85	0.60 (25m)	0.00 (27.5m)

Model		Power		Inlet & Outlet in inches	Total Head in Metres													
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		12	14	15	16	18	20	22	23	24	26	27	28	30	32
					Discharge in lps													
KM-C13/07-S	KM-C13/07-T	0.75	1.0	1½ x ¼	4.30	3.93	3.62	3.25	2.49	1.50	0.87	0.00 (22.5m)						
KM-C13/11-S	KM-C13/11-T	1.1	1.5	1½ x ¼					3.94	3.69	3.40	3.26	3.10	2.70	1.97	1.15	0.75 (31m)	0.00 (33m)

The final digit of the model identification "S" which denotes single phase pumps will be replaced by "T" in case of three phase pumps.

PERFORMANCE CURVES & DATA





Model		Power		Inlet & Outlet in inches	Total Head in Metres										
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		10	12	14	15	16	18	20	22	23	24	26
					Discharge in lps										
KM-C20/11-S	KM-C20/11-T	1.1	1.5	2 x 1½	7.36	6.75	5.97	4.97	3.72	2.06	0.00				
KM-C23/15-S	KM-C23/15-T	1.5	2	2 x 1½				7.08	6.45	5.50	4.25	3.57	2.62	0.00	

Model		Power		Inlet & Outlet in inches	Total Head in Metres										
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		16	18	20	22	23	24	26	27	28	30	32
					Discharge in lps										
KM-C13/15-S	KM-C13/15-T	1.5	2	2 x 1½	4.30	4.17	3.97	3.75	3.60	3.43	3.10	2.87	2.50	0.98	0.00 (32.5m)

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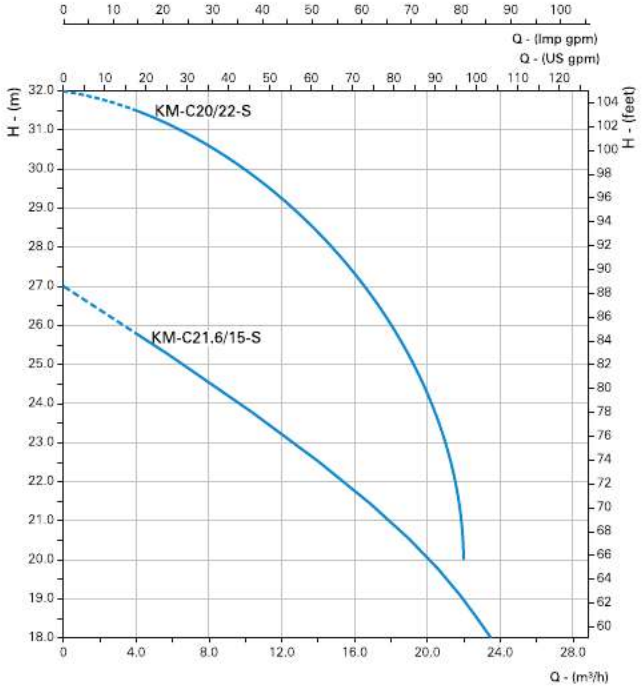
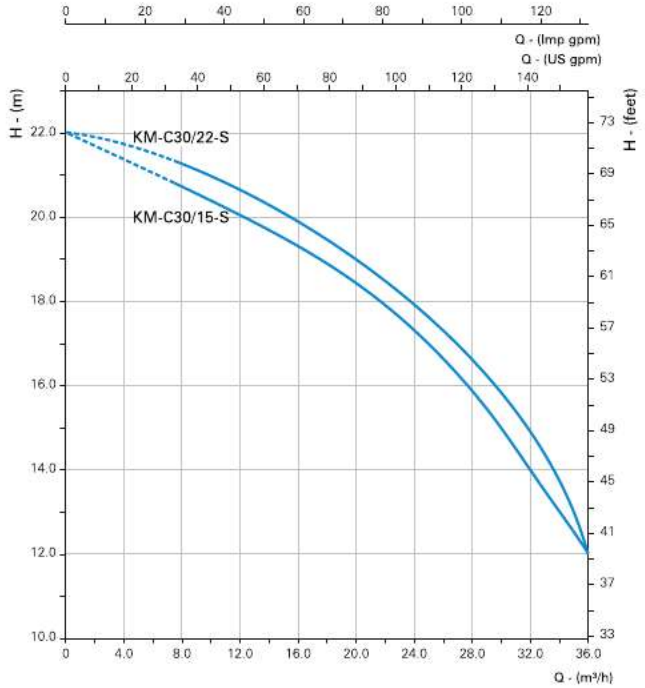
PERFORMANCE CURVES & DATA



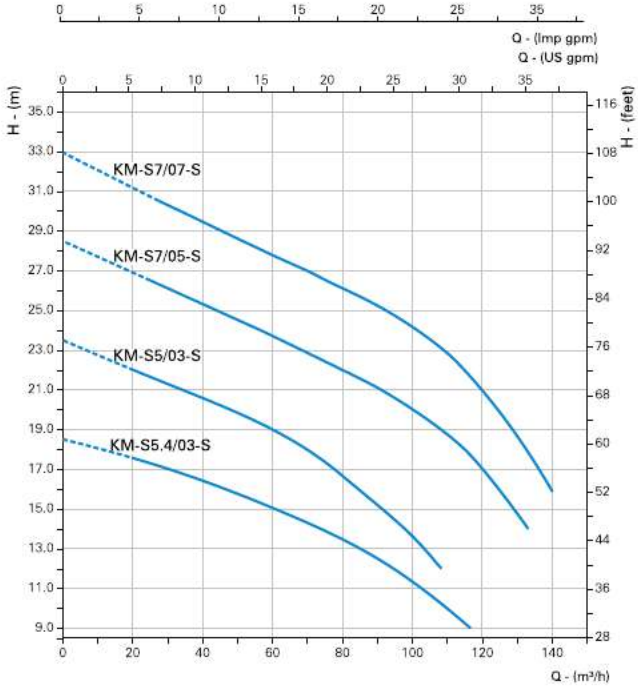


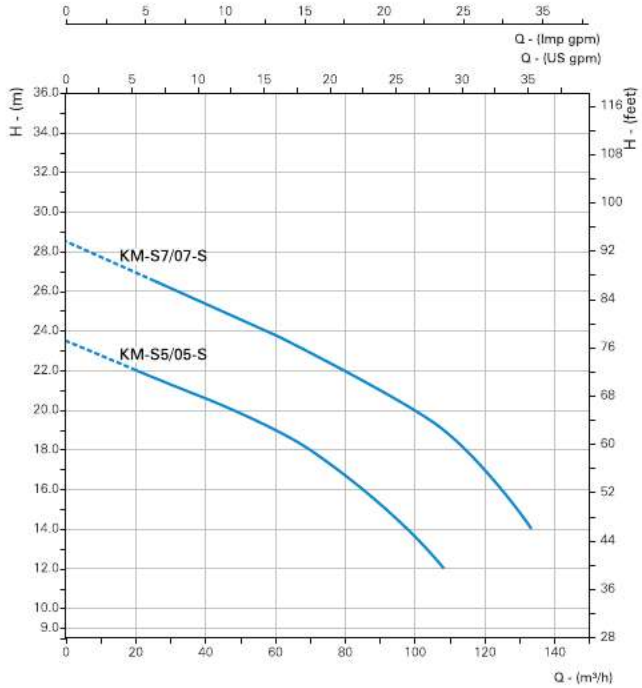
Model		Power		Inlet & Outlet in inches	Total Head in Metres												
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		14	15	16	18	20	22	23	24	26	27	28	30	32
					Discharge in lps												
KM-C21.6/15-S	KM-C21.6/15-T	1.5	2	2 x 2				6.50	5.58	4.25	3.50	2.62	1.40	0.00			
KM-C20/22-S	KM-C20/22-T	2.2	3	2 x 2						6.10	5.83	5.60	5.00	4.80	4.00	2.80	0.00

Model		Power		Inlet & Outlet in inches	Total Head in Metres						
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		12	14	15	16	18	20	22
					Discharge in lps						
KM-C30/15-S	KM-C30/15-T	1.5	2	2½ x 2	10.00	8.80	8.33	7.77	6.10	4.40	0.00
KM-C30/22-S	KM-C30/22-T	2.2	3	2½ x 2	10.00	9.33	8.83	8.22	6.67	4.40	0.00

The final digit of the model identification "S" which denotes single phase pumps will be replaced by "T" in case of three phase pumps.

PERFORMANCE CURVES & DATA





Model		Power		Inlet & Outlet in inches	No. of Stage	Total Head in Metres											
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP			9	10	12	14	15	16	18	20	22	23	24	26
						Discharge in lps											
KM-S5.4/03-S	KM-S5.4/03-T	0.37	0.5	1 x 1	1	1.94	1.81	1.61	1.25	0.89	0.78	0.56 (17m)	0 (18.5m)				
KM-S5/03-S	KM-S5/03-T	0.37	0.5	1 x 1	1			1.81	1.67	1.53	1.39	1.17	0.80	0.56	0.00 (23.5m)		
KM-S7/05-S	KM-S7/05-T	0.55	0.75	1 x 1	1				2.22	2.08	2.00	1.94	1.81	1.25	0.97	0.69	0.33
KM-S7/07-S	KM-S7/07-T	0.75	1.0	1 x 1	1						2.33	2.16	2.08	2.00	1.94	1.78	1.38

Model		Power		Inlet & Outlet in inches	Total Head in Metres													
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		12	14	15	16	18	20	22	23	24	26	27	28	30	32
					Discharge in lps													
KM-S5/05-S	KM-S5/05-T	0.55	0.75	1 x 1	1.80	1.63	1.53	1.42	1.17	0.78	0.33							
KM-S7/07-S	KM-S7/07-T	0.75	1.0	1 x 1		2.22	2.17	2.08	1.92	1.67	1.33	1.5	0.97	0.53	0.40 (26.5m)			

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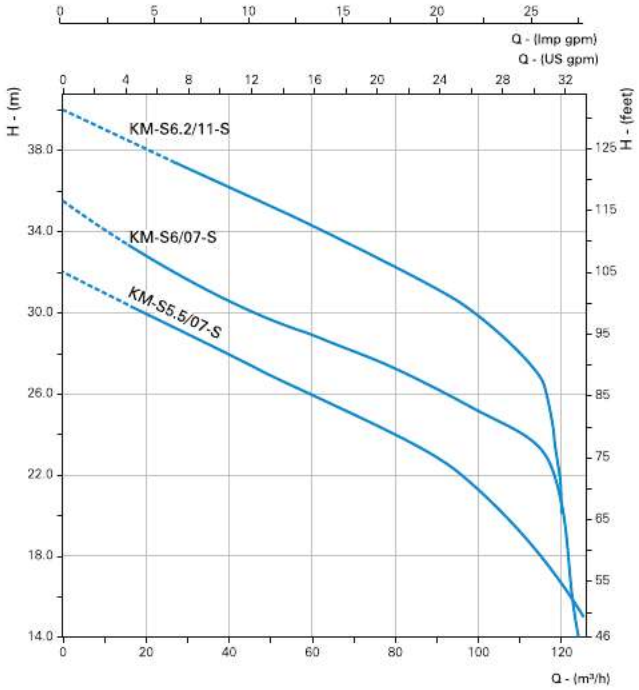
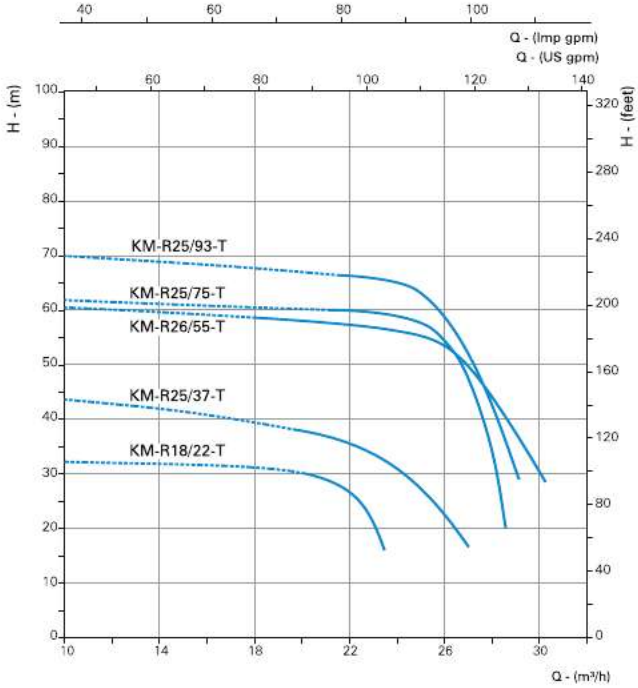
PERFORMANCE CURVES & DATA

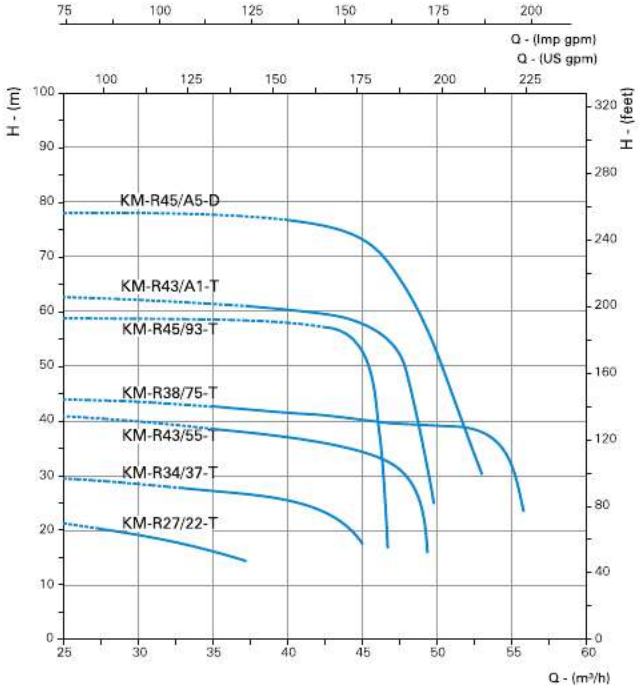


Model		Power		Inlet & Outlet in inches	Total Head in Metres													
Single Phase 230V-PSC	Three Phase 380-415V	kW	HP		14	16	18	20	22	23	24	26	27	28	30	32	35	36
					Discharge in lps													
KM-S5.5/0.7-S	KM-S5.5/0.7-T	0.75	1.0	1 x 1	2.11	2.05	1.97	1.80	1.60	1.44	1.30	1.05	0.91	0.80	0.55	0.33		
KM-S6/07-S	KM-S6/07-T	0.75	1.0	1 x 1		1.81	1.75	1.69	1.61	1.44	1.33	1.06	0.94	0.78	0.58	0.00 (34.5m)		
KM-S6.2/11-S	KM-S6.2/11-T	1.1	1.5	1 x 1				2.03	2.00	1.97	1.95	1.94	1.92	1.83	1.67	1.39	0.89	0.69

The final digit of the model identification "S" which denotes single phase pumps will be replaced by "T" in case of three phase pumps.

PERFORMANCE CURVES & DATA





2 - Pole, 3 - Phase, 380-415V, 50Hz (2900rpm) Single Stage

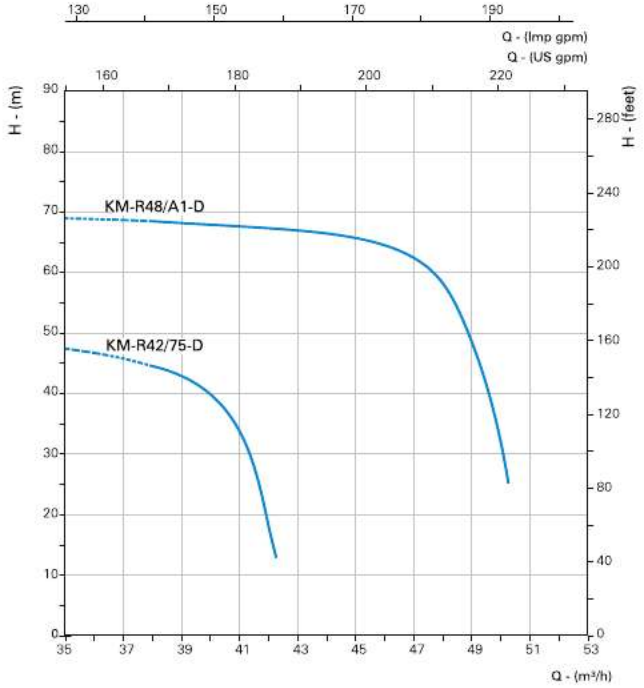
Model	Power		Inlet & Outlet in inches	Total Head in Metres									
Three Phase 230V-PSC	kW	HP		20	25	30	35	40	45	50	55	60	65
				Discharge in m³/h									
KM-R18/22-T	2.2	3.0	2 x 1½	23.2	22.4	20							
KM-R25/37-T	3.7	5.5	2 x 1½	26.6	25.6	24.4	22.4	17.2					
KM-R26/55-T	5.5	7.5	2 x 1½			30.2	29.8	28.7	28	27	25.2	16.4	
KM-R25/75-T	7.5	10	2 x 1½	28.5	28.4	28.2	28	27.6	27.2	26.8	26	22	
KM-R25/93-T	9.3	12.5	2 x 1½			29	28.7	28.3	27.9	27.2	26.7	25.7	24

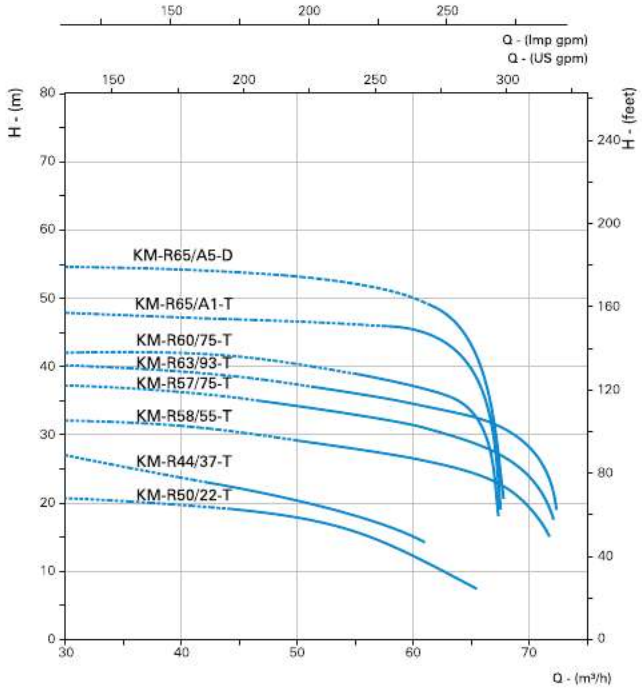
2 - Pole, 3 - Phase, 380-415V, 50Hz (2900rpm) Single Stage

Model	Power		Inlet & Outlet in inches	Total Head in Metres													
Three Phase 230V-PSC	kW	HP		15	20	25	30	35	40	45	50	55	60	65	70	75	80
				Discharge in m³/h													
KM-R27/22-T	2.2	3.0	2½ x 2	36.5	27.5												
KM-R34/37-T	3.7	5.0	2½ x 2		44	40.5	33 (27.5m)										
KM-R43/55-T	5.5	7.5	2½ x 2		49.5	49	48	44	35 (38m)								
KM-R38/75-T	7.5	10	2½ x 2			55.6	55.5	54.5	46.5	35 (48m)							
KM-R45/93-T	9.3	12.5	2½ x 2		46.7	46.6	46.5	46.4	46.2	45.7	45.5	44					
KM-R43/A1-T	11	15	2½ x 2			49.7	49.5	49	48.7	48.4	47.9	46.7	41.2				
KM-R45/A5-D	15	20	2½ x 2				53	52.4	51.7	51	50.4	49.5	48.8	47.7	46.5	43.5	35 (78m)

The Given details / drawings / specifications are subject to change without prior notice.

PERFORMANCE CURVES & DATA





2 - Pole, 3 - Phase, 380-415V, 50Hz (2900rpm) Single Stage

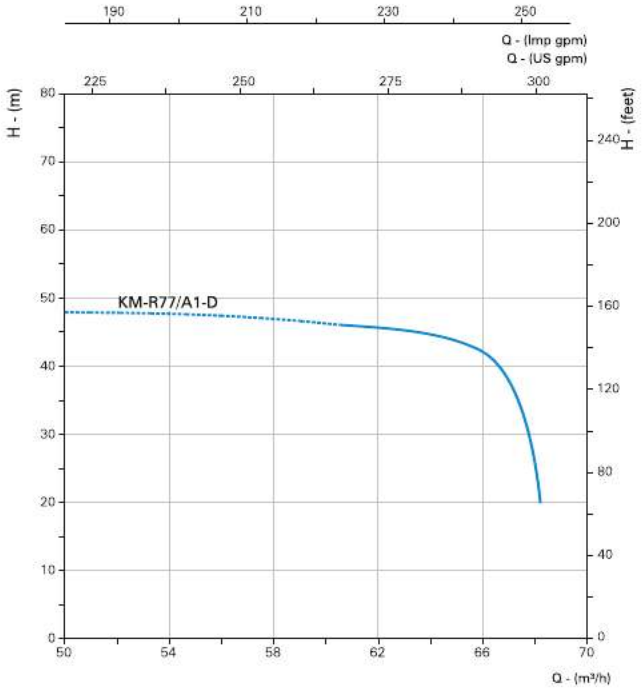
Model	Power		Inlet & Outlet in inches	Total Head in Metres										
Three Phase 230V-PSC	kW	HP		15	20	25	30	35	40	45	50	55	60	65
				Discharge in m³/h										
KM-R42/75-T	7.5	10.0	2½ x 2	42.5	42	41.7	41.5	40.5	40	37.5				
KM-R48/A1-T	11	15	2½ x 2			50.2	50	49.7	49.5	49.2	49	48.2	47.7	45.5

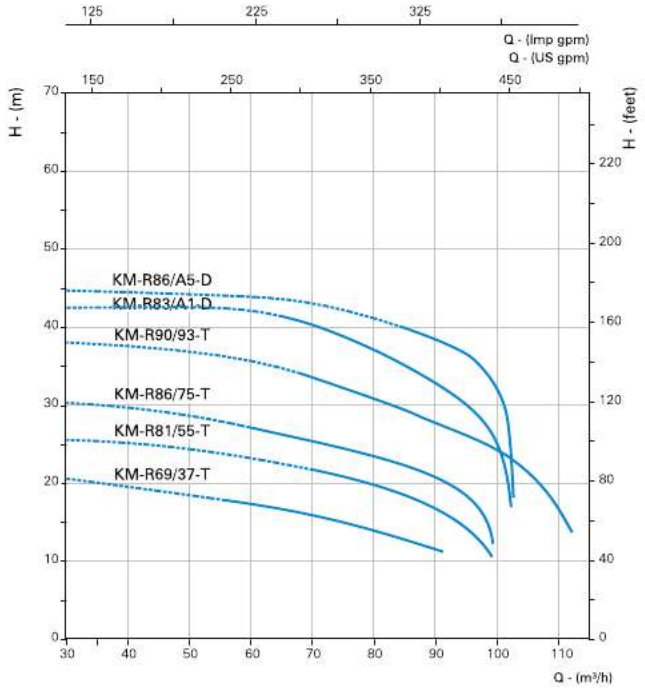
2 - Pole, 3 - Phase, 380-415V, 50Hz (2900rpm) Single Stage

Model	Power		Inlet & Outlet in inches	Total Head in Metres										
Three Phase 230V-PSC	kW	HP		7.5	10	15	20	25	30	35	40	45	50	55
				Discharge in m³/h										
KM-R50/22-T	2.2	3.0	3 x 2½	65.5	62.5	56	51 (17.5m)							
KM-R44/37-T	3.7	5.0	3 x 2½			59	51	44 (22m)						
KM-R58/55-T	5.5	7.5	3 x 2½			71.5	70	64	46.5	40 (31m)				
KM-R57/75-T	7.5	10	3 x 2½				71.5	59.5	63	46.5	40 (36m)			
KM-R60/75-T	7.5	10	3 x 2½				67	66.5	66	64	59.5 (37.5m)			
KM-R63/93-T	9.3	12.5	3 x 2½				72.5	71.5	69	59	40 (39m)			
KM-R65/A1-T	11	15	3 x 2½				67.5	67.2	66.7	66.2	65	61	50 (47m)	
KM-R65/A5-D	15	20	3 x 2½					67.5	67	66.5	65.8	64.5	60	50 (53m)

The final digit of the model identification "S" which denotes single phase pumps will be replaced by "T" in case of three phase pumps.

PERFORMANCE CURVES & DATA





2 - Pole, 3 - Phase, 380-415V, 50Hz (2900rpm) Single Stage

Model	Power		Inlet & Outlet in inches	Total Head in Metres					
Three Phase 230V-PSC	kW	HP		20	25	30	35	40	45
				Discharge in m³/h					
KM-R77/A1-T	11	15	3 x 3	68.2	68	67.7	67.3	66.7	63

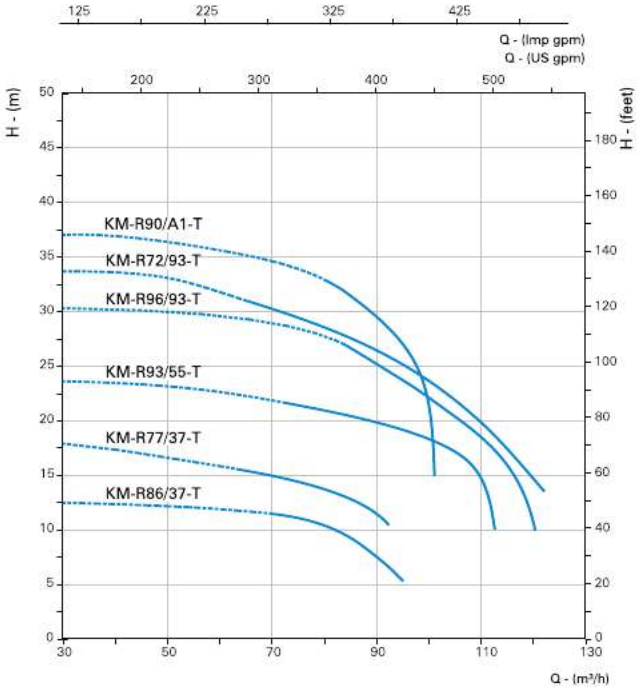
2 - Pole, 3 - Phase, 380-415V, 50Hz (2900rpm) Single Stage

Model	Power		Inlet & Outlet in inches	Total Head in Metres							
Three Phase 230V-PSC	kW	HP		10	15	20	25	30	35	40	45
				Discharge in m³/h							
KM-R69/37-T	3.7	5.0	4 x 3	91 (11m)	75	55 (18.5m)					
KM-R81/55-T	5.5	7.5	4 x 3		94	79	50 (24.5m)				
KM-R86/75-T	7.5	10	4 x 3		98.5	93	73	50 (28.5m)			
KM-R90/93-T	9.3	12.5	4 x 3		111.5	107	98	82	64	55 (36.5m)	
KM-R83/A1-T	11	15	4 x 3			102	100	95	85	71	55 (42.5m)
KM-R86/A5-D	15	20	4 x 3		103.5	103	102	101	97	85	55 (44m)

For Star Delta connection replace the model identification final digit "T" with "D".

The Given details / drawings / specifications are subject to change without prior notice.

PERFORMANCE CURVES & DATA



2 - Pole, 3 - Phase, 380-415V, 50Hz (2900rpm) Single Stage

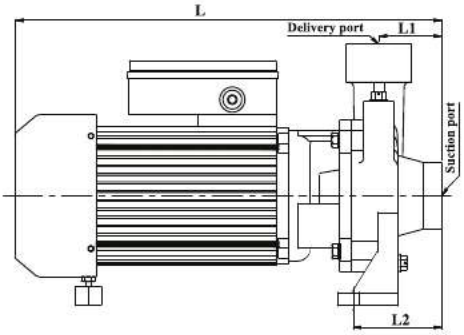
Model	Power		Inlet & Outlet in inches	Total Head in Metres												
				5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35
Three Phase 230V-PSC	kW	HP		Discharge in m³/h												
KM-R86/37-T	3.7	5.0	4 x 4	95	90	82	70 (11.5m)									
KM-R77/37-T	3.7	5.0	4 x 4			93	86	70	58 (16m)							
KM-R93/55-T	5.5	7.5	4 x 4				100	95	90	82	69					
KM-R96/75-T	7.5	10	4 x 4				120	116	112	106	100	91	80	50		
KM-R72/93-T	9.3	12.5	4 x 4					120	115	110	103	95.5	85	71	50	
KM-R90/A1-T	11	15	4 x 4						101	100.5	99.5	97.5	94	89	81	66

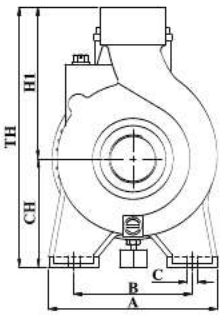
For Star Delta connection replace the model identification final digit "T" with "D".

The final digit of the model identification "S" which denotes single phase pumps will be replaced by "T" in case of three phase pumps.

NETT WEIGHT AND DIMENSIONS

Model	Motor kW	Suction port (NPT) in inches	Delivery port (NPT) in inches	Dimensions in mm									Approx. Nett Weight Kg
				L	L1	L2	A	B	C	CH	H1	TH	
KM-C5.4/03-S	0.37	1	1	290.0	55.0	88.0	150.0	112.0	10.5	84.0	126.0	210.0	12.4
KM-C5/03-S	0.4	1.0	1	300.0	36.0	88.0	165.0	118.0	10.5	90.0	135.0	225.0	13.5
KM-C7/05-S	0.55	1	1	325.0	65.0	90.0	190.0	145.0	10.5	100.0	150.0	250.0	17.5
KM-C7/07-S	0.75	1	1	370.0	65.0	90.0	190.0	138.0	10.5	108.0	142.0	250.0	18.7
KM-C9/07-S	0.75	1¼	1	370.0	65.0	90.0	190.0	138.0	10.5	108.0	142.0	250.0	19.2
KM-C13/07-S	0.75	1½	1¼	380.0	75.0	96.0	185.0	133.0	10.5	108.0	157.0	265.0	19.2
KM-C20/11-S	1.1	2	1¼	405.0	65.0	9.0	200.0	155.0	10.5	108.0	157.0	265.0	26.0
KM-C13/11-S	1.1	1½	1¼	405.0	60.0	31.5	205.0	153.0	11.0	122.0	173.0	295.0	26.7
KM-C8/11-S	1.1	1	1	400.0	65.0	90.0	190.0	138.0	10.5	108.0	142.0	250.0	24.0
KM-C21.6/15-S	1.5	2	2	430.0	70.0	8.5	200.0	152.0	11.0	108.0	162.0	270.0	28.6
KM-C20/22-S	2.2	2	2	464.0	67.0	8.5	232.0	121.0	11.0	121.0	178.0	299.0	28.6
KM-C23/15-S	1.5	2	1½	430.0	70.0	8.5	200.0	152.0	11.0	108.0	162.0	270.0	28.3
KM-C13/15-S	1.5	2	1½	430.0	65.0	7.5	230.0	178.0	11.0	122.0	178.0	300.0	29.5
KM-C30/15-S	1.5	2½	2	440.0	75.0	13.5	200.0	152.0	11.0	108.0	172.0	280.0	28.8
KM-C-30/22-S	2.2	2½	2	464.0	75.0	13.5	200.0	104.0	11.0	108.0	172.0	280.0	28.8
KM-C6.2/11-S	1.1	1¼	1¼	400.0	60.0	84.0	230.0	179.0	10.5	122.0	178.0	300.0	19.3
KM-C5.4/03-S	0.37	1	1	400.0	60.0	84.0	230.0	179.0	10.5	122.0	178.0	300.0	19.5
KM-C7/05-S	0.55	1	1	400.0	60.0	84.0	230.0	179.0	10.5	122.0	178.0	300.0	19.3
KM-C5/03-S	0.37	1	1	400.0	60.0	84.0	230.0	179.0	10.5	122.0	178.0	300.0	19.3
KM-C7/07-S	0.75	1	1	400.0	60.0	84.0	230.0	179.0	10.5	122.0	178.0	300.0	19.5
KM-C5.5/07-S	0.75	1	1	400.0	60.0	84.0	230.0	179.0	10.5	122.0	178.0	300.0	19.5
KM-C6/07-S	0.75	1	1	395.0	60.0	91.0	190.0	140.0	10.5	108.0	162.0	270.0	19.5

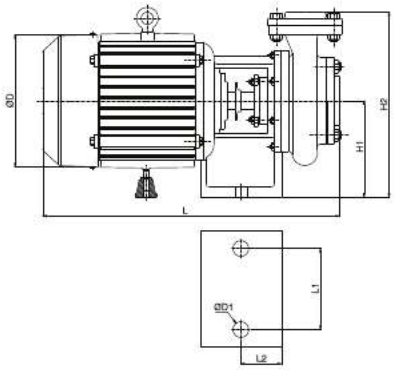




The Given details / drawings / specifications are subject to change without prior notice.

NETT WEIGHT AND DIMENSIONS

Model	Motor kW	Suction port (NPT) in inches	Delivery port (NPT) in inches	Dimensions in mm							Approx. Nett Weight Kg
				L	H1	H2	ØD	ØD1	L1	L2	
KM-R18/22-T	2.2	2	1½	575.0	140.0	348.0	229.0	18.50	130.0	56.0	62.0
KM-R25/37-T	3.7	2	1½	575.0	140.0	348.0	229.0	18.50	130.0	56.0	77.0
KM-R26/55-T	5.5	2	1½	600.0	151.0	360.0	257.0	18.50	158.0	60.0	93.0
KM-R25/75-T	7.5	2	1½	650.0	151.0	361.0	257.0	18.50	158.0	60.0	103.0
KM-R25/93-T	9.3	2	1½	650.0	191.0	420.0	257.0	18.50	158.0	60.0	108.0
KM-R27/22-T	2.2	2½	2	575.0	140.0	348.0	229.0	18.50	130.0	56.0	62.0
KM-R34/37-T	3.7	2½	2	575.0	140.0	313.0	229.0	18.50	130.0	56.0	77.0
KM-R43/55-T	5.5	2½	2	600.0	151.0	359.0	257.0	18.50	158.0	60.0	93.0
KM-R38/75-T	7.5	2½	2	650.0	151.0	359.0	257.0	18.50	158.0	60.0	103.0
KM-R42/75-T	7.5	2½	2	650.0	151.0	359.0	257.0	18.50	158.0	60.0	103.0
KM-R45/93-T	9.3	2½	2	650.0	195.0	421.0	257.0	18.50	158.0	60.0	108.0
KM-R43/A1-T	11	2½	2	710.0	195.0	440.0	307.0	18.50	185.0	62.0	113.0
KM-R48/A1-T	11	2½	2	710.0	195.0	440.0	307.0	18.50	185.0	62.0	113.0
KM-R45/A5-D	15	2½	2	710.0	195.0	440.0	315.0	18.50	185.0	62.0	162.0
KM-R50/22-T	2.2	3	2½	575.0	140.0	348.0	229.0	18.50	130.0	56.0	62.0
KM-R44/37-T	3.7	3	2½	575.0	140.0	348.0	229.0	18.50	130.0	56.0	77.0
KM-R58/55-T	5.5	3	2½	600.0	151.0	377.0	257.0	18.50	158.0	60.0	93.0
KM-R57/75-T	7.5	3	2½	650.0	151.0	377.0	257.0	18.50	158.0	60.0	103.0
KM-R60/75-T	7.5	3	2½	650.0	151.0	377.0	257.0	18.50	158.0	60.0	103.0
KM-R63/93-T	9.3	3	2½	650.0	195.0	420.0	257.0	18.50	158.0	60.0	108.0
KM-R65/A1-T	11.0	3	2½	710.0	195.0	428.0	307.0	18.50	185.0	62.0	113.0
KM-R65/A5-D	15.0	3	2½	710.0	195.0	428.0	315.0	18.50	185.0	62.0	162.0
KM-R77/A1-T	11.0	3	3	710.0	195.0	428.0	307.0	18.50	185.0	62.0	113.0
KM-R69/37-T	3.7	4	3	575.0	140.0	313.0	229.0	18.50	130.0	56.0	77.0
KM-R81/55-T	5.5	4	3	600.0	151.0	366.0	257.0	18.50	158.0	60.0	93.0
KM-R86/75-T	7.5	4	3	650.0	151.0	366.0	257.0	18.50	158.0	60.0	130.0
KM-R90/93-T	9.3	4	3	650.0	195.0	410.0	257.0	18.50	158.0	60.0	108.0
KM-R83/A1-T	11	4	3	710.0	195.0	428.0	307.0	18.50	185.0	62.0	113.0
KM-R86/A5-D	15	4	3	710.0	195.0	440.0	315.0	18.50	185.0	62.0	162.0
KM-R86/37-T	3.7	4	4	575.0	140.0	313.0	229.0	18.50	130.0	56.0	77.0
KM-R77/37-T	3.7	4	4	575.0	140.0	313.0	229.0	18.50	130.0	56.0	77.0
KM-R93/55-T	5.5	4	4	600.0	151.0	361.0	257.0	18.50	158.0	60.0	93.0
KM-R96/75-T	7.5	4	4	650.0	151.0	361.0	257.0	18.50	158.0	60.0	103.0
KM-R72/93-T	9.3	4	4	710.0	195.0	436.0	257.0	18.50	185.0	60.0	108.0
KM-R90/A1-T	11	4	4	710.0	195.0	428.0	307.0	18.50	185.0	62.0	113.0



CONVERSION CHART

FLOW RATE

Litre Per Second l/s	Litre Per Minute l/min	Cubic Meter Per Hour m^3/h	Cubic Foot Per Hour ft^3/h	Cubic Foot Per Minute ft^3/min	Imp.Gallon Per Minute Imp. gal/min	US Gallon Per Minute Us gal./min	Barrel Per Day
1	60	3.6	127.133	2.1189	13.2	15.85	543.439
0.017	1	0.06	2.1189	0.0353	0.22	0.264	9.057
0.278	16.667	1	35.3147	0.5886	3.666	4.403	150.955
0.008	0.472	0.0283	1	0.0167	0.104	0.125	4.275
0.472	28.317	1.6990	60	1	6.229	7.480	256.475
0.076	4.526	0.2728	9.6326	0.105	1	1.201	41.175
0.063	3.785	0.2271	8.0209	0.1337	0.833	1	34.286
0.002	0.110	0.0066	0.2339	0.0039	0.024	0.029	1

LIQUID

Cubic Meter m^3	Litre l	Millilitre ml	Imp.Gallon Imp.Gal	US Gallon US Gal	Cubic Foot m^3
1	1000	1 x 106	220	264.2	35.3147
0.001	1	1000	0.22	0.2642	0.0353
1×10^{-6}	0.001	1	2.2×10^{-4}	2.642×10^{-4}	3.53×10^{-5}
0.00455	4.546	4546	1	1.201	0.1605
0.00378	3.785	3785	0.8327	1	0.1337
0.0283	27.317	28.317	6.2288	7.4805	1

LIQUID HEAD AND PRESSURE

Newton Per square	Litre Per Minute l/min	Cubic Meter Per Hour m^3/h	Cubic Foot Per Hour ft^3/h	Cubic Foot Per Minute ft^3/min	Imp.Gallon Per Minute Imp. gal/min	US Gallon Per Minute Us gal./min	Barrel Per Day
1	0.001	1×10^{5}	1.02×10^{5}	3.35×10^{-4}	1.02×10^{-4}	0.0075	2.95×10^{-4}
1000	1	0.01	0.0102	0.335	0.102	7	0.295
1×10^{5}	100	1	1.02	33.52	10.02	750.1	29.53
98,067	98.07	0.981	1	32.52	10	735.6	28.96
6895	6.895	0.069	0.0703	2.31	0.703	51.72	0.036
2984	2.984	0.03	0.0305	1	0.305	22.42	0.882
9789	9.789	0.098	0.1	3.28	1	73.42	0.891
133.3	0.133	0.0013	0.0014	0.045	0.014	1	0.039
3386	3.386	0.0338	0.0345	1.33	0.0345	25.4	1

The Given details / drawings / specifications are subject to change without prior notice.

CONVERSION CHART

LENGTH

Cubic Meter m^3	Centimeter cm	Meter m	Inch in	Feet ft	Yard yd
1	0.01	0.001	0.0394	0.0033	0.0011
10	1	0.01	0.3937	0.328	0.0109
1000	100	1	39.3701	3.2808	1.0936
25.4	2.54	0.0254	1	0.0833	0.0278
304.8	30.48	0.3048	12	1	0.3333
914.4	91.44	0.9144	36	3	1

1 Kilometer = 1000 metres = 0.62137 miles 1 mile = 1609.37 metres = 1.60934 kilometres

MASS

Kilogram kg	Pound lb	Hundred weight (cwt)	Tonne t	Ton long tn	Short ton sh tn
1	2.205	0.0197	0.001	9.84×10^{-4}	0.0011
0.454	1	0.0089	4.54×10^{-4}	4.46×10^{-4}	5.0×10^{-4}
50.802	112	1	0.0508	0.05	0.056
1000	2204.6	19.684	1	0.9842	1.1023
1016	2240	20	1.0161	1	1.102
907.2	2000	17.857	0.9072	0.8929	1

TEMPERATURE CONVERSION TABLE

From	To	Use Formula
Temperature Celsius, tc	Temperature Kelvin, tk	K = tc + 273.15
Temperature Fahrenheit, tf	Temperature Kelvin, tk	K = (tF + 459.67 / 1.8)
Temperature Celsius, tc	Temperature Fahrenheit, tf	F = 1.8 tc + 32
Temperature Fahrenheit, tf	Temperature Celsius, tc	C = (tF - 32) / 1.8
Temperature Kelvin, tk	Temperature Celsius, tc	C = tk - 273.15
Temperature Kelvin, tk	Temperature Fahrenheit, tf	F = 1.8tk - 459.67

NOTES

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