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PRODUCT CATALOG
50Hz

Made in India 

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Peripheral Pumps - KP Series

Specification

Power	: 0.5 to 1 HP
Speed	: 2900rpm
Version	: 1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P.
Duty	: S1 (Continuous)
Insulation	: Class B
Protection	: IP 54
Direction of Rotation	: Clockwise viewed from driving end
Suc. & Del. Size	: 1" x 1"

Materials of Construction

Casing	: Cast Iron with SS insert
Motor Body	: Aluminium Alloy
Impeller	: Forged Brass
Pump Bracket	: SS 410
Shaft	: Carbon & Ceramic
Mechanical Seal	: NBR
O Ring	

Applications

Residential
Garden



Performance Table

TYPE	POWER		PORTS		Q/lpm	0	5	8	10	12	15	18	20	22	24	27	30	32	34	36	38	40	
	kW	HP	Suc.	Del.		m ³ /hr	0	0.3	0.5	0.6	0.72	0.9	1	1.2	1.3	1.4	1.6	1.8	1.9	2	2.2	2.3	2.4
1 Phase					H in M	40	36	33	29	26	23	22	18	13	11	9	6						
KP-03S	0.37	0.50	1"	1"		70	68	65	63	60	54	50	40	38	35	30	20	18	15	11	10	8	
KP-07S	0.75	1.0	1"	1"																			

Centrifugal Monoblock Pumps - KCM Series

Specification

Power	: 1 to 2 HP
Speed	: 2900rpm
Version	: 1Ph 230V, 50Hz
Duty	: S1 (Continuous)
Insulation	: IP 54
Protection	: Class B
Head Range	: 6 to 40 m
Flow Range	: 10 to 240 lpm

Materials of Construction

Pump Casing	: Cast Iron
Motor Body	: Aluminium Die Casting
Impeller	: SS 304
Shaft	: SS 410
Mech. Seal	: Carbon Ceramic

Applications

Residential
Garden



Performance Table

TYPE	POWER		PORTS		Q/lpm	0	17	33	50	67	83	100	133	150	167	183	200	225	240	260	270		
	1 Phase	3 Phase	kW	HP		Suc.	Del.	m ³ /hr	0	1	2	3	4	5	6	8	9	10	11	12	13.5	14.4	15.6
KCM-6/07S	KCM-6/07T	0.75	1.0	1"	1"	H in M	0	32	30	28	26	23	18	5									
KCMS-8/15S	KCMS-8/15T	1.1	1.5	1½"	1"					39	37	36	33	28	26	20							
KCM-8/15S	KCM-8/15T	1.5	2.0	1½"	1"		35	33	32.5	32	31	30	29	26	23	21	18	15	10				
KCMS-10/20S	KCMS-10/20T	1.5	2.0	1½"	1½"					42	40	38	37	35	34	32	28	25	23	20	18	16	

Self Priming Jet Pumps - KJC Series

Specification

Power	: 0.5 to 2 HP
Speed	: 2900rpm
Version	: 1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph 380-415V, 50Hz
Duty	: S1 (Continuous)
Protection	: IP 54
Insulation	: Class B
Head Range	: 10 to 60 m
Flow Range	: 8 to 100 lpm

Materials of Construction

Pump Casing	: Cast Iron
Motor Body	: Aluminium
Impeller	: Brass
Shaft	: SS 304
Mechanical Seal	: Carbon Ceramic
Bearing	: Double shielded Ball Bearing

Applications

Residential
Irrigation
Small Farms
Pressure Boosting Units

Industrial Water Supply
Food Processing Industries
Washing Systems



Performance Table

TYPE	POWER		PORTS		Q/lpm	0	10	15	20	25	30	35	40	45	50	60	67	70	75	88	92		
	1 Phase	3 Phase	kW	HP		Suc.	Del.	m ³ /hr	0	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	4	4.2	5	5.3
KJC-3/07S			0.75	1.0	1"	1"	H in M	45	40	39	38	36	34	33	31	28	27	24	12				
KJC-3/11S			1.1	1.5	1"	1"		50	46	43	41	40	38	36	35	34	30	28	26	20			
KJC-4/11S			1.1	1.5	1½"	1"		50	48	46	44	41	39	37	35	34	33	28	24	22	20	17	
KJC-4/15S			1.5	2.0	1½"	1"		55		53	52	47	45	43	42.5	42	41	38	37	36	32	26	20

Self Priming SS Jet Pumps - KJS Series

Specification

Power	: 0.5 to 1.5 HP
Speed	: 2900rpm
Version	: 1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph 380-415V, 50Hz
Duty	: S1 (Continuous)
Protection	: IP 54
Insulation	: Class B
Head Range	: 10 to 40m
Flow Range	: 9 to 62 lpm

Materials of Construction

Pump Casing	: SS 304
Motor Body	: Aluminium
Impeller	: SS 304
Shaft	: SS 304
Mech. Seal	: Carbon Ceramic
Bearing	: Double Shielded Ball Bearing

Applications

Residential
Irrigation
Small Farms
Pressure Boosting Units

Industrial Water Supply
Food Processing Industries
Washing Systems



Performance Table

TYPE	POWER		PORTS		Q/lpm	0	5	10	15	17	20	25	30	33	35	40	45	50	55	60	63	
	1 Phase	3 Phase	kW	HP		Suc.	Del.	m ³ /hr	0	0.3	0.5	0.9	1	1.2	1.5	1.8	2	2.1	2.4	2.7	3	3.3
KJS-3/07S	KJS-3/07T	0.75	1.0	1"	1"	H in M	40	38	36	35	34	33	32	30	30	29	27	26	23	20	15	10

Monoblock Pumps - KCM2 Series

Specification

Power : 1.5 to 10 HP
 Speed : 2900rpm
 Version : 1Ph 230V, 50Hz (PSC)
 3Ph 230V, 50Hz
 Duty : S1 (Continuous)
 Protection : IP 55
 Insulation : Class F
 Head Range : 20 to 80 m
 Flow Range : 32 to 450 lpm

Materials of Construction

Pump Casing : Cast Iron
 Motor Body : Aluminium Cast Iron
 Impeller : Brass
 Shaft : SS 304
 Mechanical Seal : Carbon Ceramic
 Bearing : Double shielded Ball Bearing

Applications

Agriculture : Industrial Application
 Domestic Water supply : Water Circulation
 Gardents : Sprinklers



Performance Table

TYPE		POWER		PORTS		Q/lpm	33	50	60	80	90	100	120	135	150	166	183	200	250	280	300	350		
1 Phase	3 Phase	kW	HP	Suc.	Del.	m ³ /hr	2	3	3.6	4.8	5.4	6	7.2	8	9	10	11	12	15	16.8	18	21		
KCM2-6/15S		1.5	2.0	1½"	1"	H in M	42	41	40	37	34	32	27.5	22	20									
KCM2-7/22S		2.2	3.0	1½"	1¼"		48.5	46	45	43	40	38.5	35	28	26	22								
KCM2-8/22S	KCM2-8/22T	2.2	3.0	2"	1½"		48.0	46	44	40	36	35	32	30	28	24	20							
	KCM2-15/40T	4.0	5.5	2"	1½"		62			60	58	57	55	53	51	47	46	44	36	33	31	23		

Monoblock Pumps - KCMC Series

Specification

Power : 3 to 20 HP
 Speed : 2900rpm / 1440rpm
 Version : 3Ph 380-415V, 50Hz
 Duty : S1 (Continuous)
 Protection : IP 44
 Insulation : Class B / A
 Head Range : 7 to 90m
 Flow Range : 50 to 700 lpm

Materials of Construction

Pump Casing & Bracket : Cast Iron
 Motor Body : Cast Iron
 Impeller : Cast Iron / Brass / SS
 Shaft : EN-8
 Mech. Seal : Gland Packing / Mech. Seal
 Bearing : Double Sealed Ball Bearing

Applications

Agriculture : Industrial Application
 Domestic Water supply : Water Circulation
 Gardents : Sprinklers



Performance Table

TYPE		POWER		PORTS		Q/lpm	50	83	150	200	250	333	416	450	500	550	600	667	700		
3 Phase		kW	HP	Suc.	Del.	m ³ /hr	3	5	9	12	15	20	25	27	30	33	36	40	42		
KCMC-15/22T		2.2	3.0	2"	1½"	H in M	50	44	38	34	32	25	15								
KCMC-20/22T		2.2	3.0	2"	2"		40	38	36	33	30	25	23	20							
KCMC-25/40T		4.0	5.5	2"	2"				50	46	44	40	32	25	23	15					
KCMC-36/55T		5.5	7.5	2"	2"					-	45	43	42	40	38	37	34	32	25		
KCMC-5ED-H		3.7	5.0	2½"	2"					45	44	43	42	40	38	36	35	34	34	24	

Centrifugal Monoblock Pumps - KCM Series

Specification

Power : 3 to 40 HP
 Speed : 2900rpm
 Version : 3Ph 380-415V, 50Hz
 Duty : S1 (Continuous)
 Protection : IP 55
 Insulation : Class F
 Head Range : 10 to 95m
 Flow Range : 75 to 4100 lpm
 Liquid Temp. : Upto 90°C

Materials of Construction

Pump Casing : Cast Iron
 Motor Body : Aluminium / Cast Iron
 Impeller : Cast Iron / Bronze
 Shaft : SS 420
 Mechanical Seal : Carbon Ceramic
 Bearing : Double shielded Ball Bearing

Applications

Agriculture : Industrial Application
 Domestic Water supply : Water Circulation
 Gardents : Sprinklers



Performance Table

TYPE		POWER		PORTS		Q/lpm	75	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1100	1200	1300		
3 Phase		kW	HP	Suc.	Del.	m ³ /hr	4.5	6	7.5	9	12	15	18	21	24	27	30	36	42	48	54	60	66	72	78		
KCM-32/160A		3	4.0	2"	1¼"	H in M	36.5	36.4	36	35.5	34.2	33	31.2	28.8	26	22.3											
KCM-40/160A		4	5.5	2½"	1½"					36	35.6	35.5	35.4	34	33.2	32	30.6	27.4	22								
KCM-40/200B		5.5	7.5	2½"	1½"					45	45	44.5	44	42	41.6	40	38.1	33.6	27.9								
KCM-40/200A		7.5	10.0	2½"	1½"					57.8	56.3	56.2	56	55	54.1	53	50.5	45.9	40.3								
KCM-50/160B		5.5	7.5	2½"	2"									33	32.5	32	31.7	31.5	30.4	29	27.5	25	23.2	27.8	25.4	22.6	
KCM-50/160A		7.5	10.0	2½"	2"									38	37.9	37.8	37.7	37.4	36.6	35.4	34	32	30	27.8	25.4	22.6	

TYPE		POWER		PORTS		Q/lpm	833	1000	1167	1334	1500	1667	1834	2000	2167	2333	2500	2667	2833	3000	3167	3334	3500	3667	3750	
3 Phase		kW	HP	Suc.	Del.	m ³ /hr	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	225	
KCM-65/200C		15	20	3"	2½"	H in M	45	45.2	44.4	42.6	40.5	39.6	36.6	32.7	28	25	22									
KCM-65/200A		22	30	3"	2½"		61	60.6	60	58	56.5	55	52.8	50	47	44	42									
KCM-80/160C		15	20	4"	3"			30.7	30.4	30	29.5	27.8	27.8	27	26.2	24.6	23.2	22.5	21.8	19.7	18.7	16.5				
KCM-80/160B		18.5	25	4"	3"			35	35.2	34.8	34	33	33	32.6	31.6	31	30	28.8	27.7	26	24	22	21			
KCM-80/160A		22	30	4"	3"			40	40	39	39	38	38	37.5	36.8	36	35	34	33	31.6	29	27.3	26	24.5	23.5	

Vertical Multistage Pumps - KMC Series

Specification

Power	: 1.5 to 50 HP
Speed	: 2900rpm
Version	: 1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	: S1 (Continuous)
Protection	: IP 55
Insulation	: Class F
Head Range	: 42 to 250 m
Flow Range	: 16 to 1334 lpm
Liquid Temp.	: 120°C

Materials of Construction

Pump Base & Bracket	: Cast Iron
Impeller & Diffuser	: Stainless Steel
Shaft	: Stainless Steel
Mechanical Seal	: Carbon Ceramic
Bearings	: NSK
Outer Shell	: Stainless Steel

Applications

- Reverse Osmosis Plant
- Pressure Boosting
- HVAC
- Fire Fighting
- Washing Systems

Performance Table

TYPE		POWER		PORTS		Q/lpm	16	20	28	33	40	47	53	58	66	83	100	134	167	200	233		
1 Phase	3 Phase	kW	HP	Suc.	Del.	m ³ /hr	1	1.2	1.6	2	2.4	2.8	3.2	3.5	4	5	6	8	10	12	14		
KMC-2/11S		1.1	1.5	1½"	1½"	H in M	87	85	80	74	67	60	50	42									
KMC-2/13S		1.5	2.0	1½"	1½"		107	104	100	90	81	71	60	51									
KMC-2/18S	KMC-2/18T	2.2	3.0	1½"	1½"		145	140	133	125	116	105	90	78									
	KMC-3/25T	2.2	3.0	1½"	1½"			156	141	135	128	120	110	106	86								
	KMC-4/12T	2.2	3.0	1½"	1½"		122			120		115	110	105	103	88	68						
	KMC-4/16T	3.0	4.0	1½"	1½"		160			155	153	150	145	140	135	133	90						
	KMC-5/29T	4.0	5.5	1½"	1½"					185	180	178	175	170	168	158	142	102					
	KMC-10/12T	4.0	5.5	1½"	1½"					123		122			121	118	117	108	95	78	55		
	KMC-10/16T	5.5	7.5	1½"	1½"					163		162			161	158	154	143	125	102	71		

TYPE		POWER		PORTS		Q/lpm	133	167	200	250	300	333	400	467	500	533	600	667	750	833	917	1067	1167	1334	
3 Phase		kW	HP	Suc.	Del.	m ³ /hr	8	10	12	15	18	20	24	28	30	32	36	40	45	50	55	64	70	80	
KMC-15/09T		7.5	10	2"	2"	H in M	122	118	115	106	95	87	66												
KMC-32/06T		11.0	15	3"	3"					110	106	103	101	95	87	83	77	65	52						
KMC-32/08T		15.0	20	3"	3"					144	140	138	134	126	117	110	104	88	70						
KMC-32/10T		18.5	25	3"	3"					180	175	172	169	162	150	142	135	114	88						
KMC-32/12T		22.0	30	3"	3"					214	211	205	203	194	180	170	161	137	107						
KMC-32/14T		30.0	40	3"	3"					250	246	240	230	227	212	203	192	163	130						
KMC-45/09R2T		30.0	40	3"	3"									210	207	202	195	190	182	170	152	133			
KMC-45/10T		37.0	50	3"	3"									245	228	227	226	220	212	196	179	156			
KMC-64/07R1T		37.0	50	4"	4"									200		192	188	183	177	170	150	147	135	112	



Submersible Pumps - K4P Series

Specification

Power	: 1 to 7.5 HP
Nominal Outlet Size	: 25mm/32mm/40mm/50mm
Speed	: 2880rpm
Head Range	: 8 to 210 m
Flow Range	: 20 to 390 lpm
Version	: 1Ph, 180-230V
Degree of Protection	: IP 68
Insulation	: Class F
Duty	: S1 (Continuous)

Materials of Construction

Suction Housing	: SS
Pump Shell	: SS 202
Pump Shaft	: SS
Impeller	: Modified PPO > 20% GFN
Diffuser	: Modified PPO > 20% GFN
Discharge Housing	: SS
Motor Shell	: SS 202
Upper Housing	: SS
Lower Housing	: SS
Rotor	: Electrolytic Grade Aluminium
Bearing	: Thrust Bearing

Applications

- Domestic
- Irrigation
- Industries
- Sprinkler
- Mining
- Booster Systems
- Garden
- Fountains

Performance Table

TYPE		POWER		Del. Size	Q/lpm	10	20	40	50	60	70	80	92	120	130	140	
1 Phase		kW	HP		m ³ /hr	0.6	1.2	2.4	3	3.5	4.2	4.8	5.5	7.2	7.8	8.4	
K4P-4/09		0.75	1.0	1½"	H in M	63	62	57	55	51	43	34	25				
K4P-4/14		1.1	1.5	1½"		130	88	84	80	67	54	40					
K4P-4/18		1.5	2.0	1½"		122	115	100	85	72	55	32					
K4P-4/25		2.2	3.0	1½"		185	165	155	130	101	80	48					
K4P-5/12		1.5	2.0	1½"		83	75	72	70	67	65	62	41	38	26		
K4P-5/19		2.2	3.0	1½"			133	130	130	120	115	95	65	55	50		

TYPE		POWER		Del. Size	Q/lpm	33	67	100	120	133	150	170	180	200	250	270	300	360	390	
1 Ph	3 Phase	kW	HP		m ³ /hr	2	4	6	7.2	8	9	10.2	10.8	12	15	16.2	18	21.6	23.4	
K4P-8/15	K4P-8/15T	2.2	3	2"	H in M	115	100	78	75	65	42									
	K4P-8/24T	4.0	5.5	2"		180	175	150	120	103	72	60								
	K4P-8/32T	5.5	7.5	2"		212	210	180	145	123	84	70								
	K4ST-8/23T	4.0	5.5	2"		140	135	120	115	110	100	82	75	50						
	K4ST-8/32T	5.5	7.5	2"		190	185	165	155	145	125	110	102	70						
K4P-10/10		1.5	2	2"		58	52	46	44	42	38	33	32	30						
	K4ST-12/19T	4.0	5.5	2"		113	110	95	90	88	80	70	66	60	50	18				
	K4ST-12/26T	5.5	7.5	2"		150	142	130	125	120	115	95	92	75	50	23				
K4P-15/07		1.5	2	2"					30	28.5	28	27.5	26	25	24	22	20	18	11	
K4P-18/09		2.2	3	2"						40		38		34	32	29	27	25	18	14



Submersible Pumps - K6SP & K8SP Series

Specification

Power	: 2.2 to 110 kW
Nominal Outlet Size	: 2", 2½", 3", 4" & 5"
Speed	: 2900 rpm
Head Range	: 21 to 135 m
Flow Range	: 167 to 1667 lpm
Version	: 3Ph, 380V, 50Hz
Degree of Protection	: IP 68
Insulation	: Class F
Duty	: S1 (Continuous)

Materials of Construction

Suction & Discharge Housing	: SS 304 / SS 316
Pump Shaft	: SS 304 / 420 - SS 316
Impeller	: SS 304 / SS 316
Diffuser	: SS 304 / SS 316
Motor Shell	: SS 304 / SS 316
Upper Housing	: CI / SS 304 / SS 316
Lower Housing	: CI / SS 304 / SS 316



Performance Table - 6"

TYPE	POWER		Del. Size	Q/lpm	167	200	250	300	334	400	500	600	700	834	1000	1100	1167	1250
	kW	HP			m³/hr	10	12	15	18	20	24	30	36	42	50	60	66	70
K6SP-30/08	7.5	10	3"	H in M	88	86	83	78	73	68	55	42	25					
K6SP-30/11	9.3	12.5	3"		120	110	100	95	93	90	80	57	35					
K6SP-60/04	7.5	10	4"		53	51	50	49	48	48	44	42	40	36	30	28	24	21
K6SP-60/05	9.3	12.5	4"				65	62	61	59	54	53	51	45	38	25	30	26
K6SP-60/06	11	15	4"				90	88	85	80	75	73	69	62	53	50	43	37
K6SP-60/08	15	20	4"				103	100	99	97	90	85	80	72	62	55	50	42
K6SP-60/10	18.5	25	4"				135	130	122	125	115	105	95	90	80	70	61	52

Performance Table - 8"

TYPE	POWER		Del. Size	Q/lpm	0	334	667	834	1000	1167	1283	1333	1416	1500	1583	1667
	kW	HP			m³/hr	0	20	40	50	60	70	77	80	85	90	95
K8SP-77/03	11	15	5"	H in M	58	58	57	55	49	47	45	41	35	32	25	21
K8SP-77/04	15	20	5"		80	78	77	78	75	60	50	45	40	35	30	28
K8SP-77/05	18.5	25	5"		105			100	90	80	75	72	68	63	35	32

Dosing Pumps (Doser Series) - Solenoid Diaphragm Dosing Pump

Specification

	DOSER 5 6LPH @ 4Bar	DOSER 10 10LPH @ 5Bar
Diaphragm	PTFE / PVDF (Optional)	
Suction/Discharge Tubing	1/4"	
Strokes	Upto 400 SPM	
Version	230V - 1Ph, 50Hz	
Power Consumption	30 - 40 Watts	
Pump Stroke per Minute	120 Max (Adjustable)	
Negative Suction	1m	
Ambient Temperature	40°C	
Base Fixing Hole	70 x 92 mm	



Performance Table

TYPE	POWER		PORTS		Capacity	Pressure	Strok / min	Rated	
	Watt	HP	Suc.	Del.				LPH	in kg / cm²
DOSER-5	30	-	4mm	4mm	5-11.5	7 - 1	400 SPM	6	4
DOSER-10	40	-	4mm	4mm	5-16.5	7.5 - 1	400 SPM	10	5
DOSER-20	50	-	4mm	4mm	60 Max	8 - 1	400 SPM	20	6

Rotary Gear Pumps - KRGP Series

Specification

Power	0.3 to 20HP
Speed	1440rpm
Head Range	up to 100 m
Flow Range	20 to 833lpm

Material of Construction

Body	IS.210 FG 220 C.I Grade
Back Cover	IS.210 FG 220 C.I Grade
Gear	EN-8EN - 24H.Nitride
Shaft	EN-19
Bushes	Non Ferrous
Seal	Neoprene Rubber Oil Seal/ "Z" PackTeflon



Applications

- Chemical & Petro Chemical Industry
- Food Industry
- Dairy & Sugar Industry
- Pharmaceutical Industry

Performance Table

Model	Intel outlet Size	Capacity			Power Consumption in HP with 1440 RPM for liquid - 400 SSU viscosity at differential pressure at below			Weight Of Bare Shaft Pump (Kg)
		LPM	US GPM	M³/hr	50 PSI	100 PSI	150 PSI	
KRGP-050	1½" X ½"	20	5.3	1.2	0.5	0.75	1.5	5.3
KRGP-075	¾" X ¾"	30	7.92	1.8	1	1.5	2	5.3
KRGP-100	1" X 1"	50	13.2	3	1.5	2	3	7.1
KRGP-150	1½" X 1½"	160	42.2	9.6	3	5	7.5	18
KRGP-200	2" X 2"	225	59.4	13.5	5	7.5	10	21.5
KRGP-250	2½" X 2½"	350	92.5	21	7.5	10	15	24.5
KRGP-300	3" X 3"	500	132	30	10	15	20	32
KRGP-400S	4" X 4"	666	176	40	15	20	25	80
KRGP-400B	4" X 4"	833	220	50	20	25	30	80

Float Switch



Model	Cable length	Rated Volt	Rated Current	Degree of Protection	Working Temp.
KS-5	5 Meter	220V	10A	IP 67	55°C