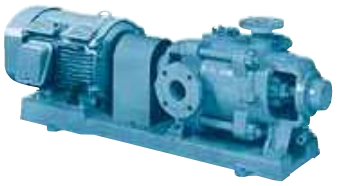
K-M Type High pressure turbine pump 2 pole



Application

(Please inquire in case drinking water application)

Features

- Suction direction is able to change, inspection and replace can be easily done, due to Kawamoto's outstanding pump construction (PAT. pend.)
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd. in Japan
- Both mechanical seal and grand packing type are available

Maximum suction total head (20℃)

Bore	Maximum suction total head	
50×40	−6m	
65×50	50Hz : −6m	60Hz : −5.5m
80×65 (*)	50Hz : −5.5m	60Hz : −3m

(*) in case 100mm suction pipe

Standard specifications

- Liquid: Clean water 0~40℃ (however there should be no freezing)
- Materials: Impeller : Bronze
  Shaft : SUS403 (Sleeve SUS416)
  Casing : Cast iron (Suction)
  Ductile Cast iron (Discharge)
- Shaft sealing: Mechanical seal or Gland packing
- Motor: TEFC indoor, Three phase
- Flange figure: Suction side: JIS 10K standard type
  Discharge side: JIS 20K

Standard accessories

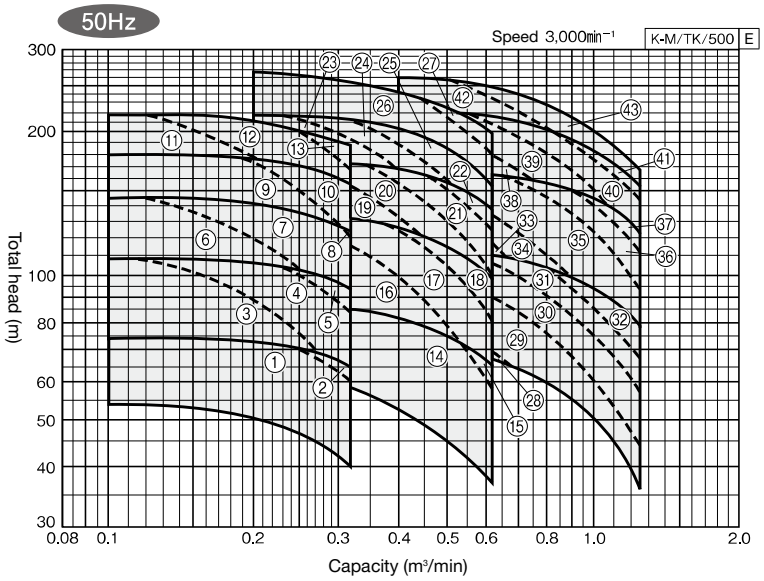
Motor, Base, Coupling, Exhaust valve, Coupling cover

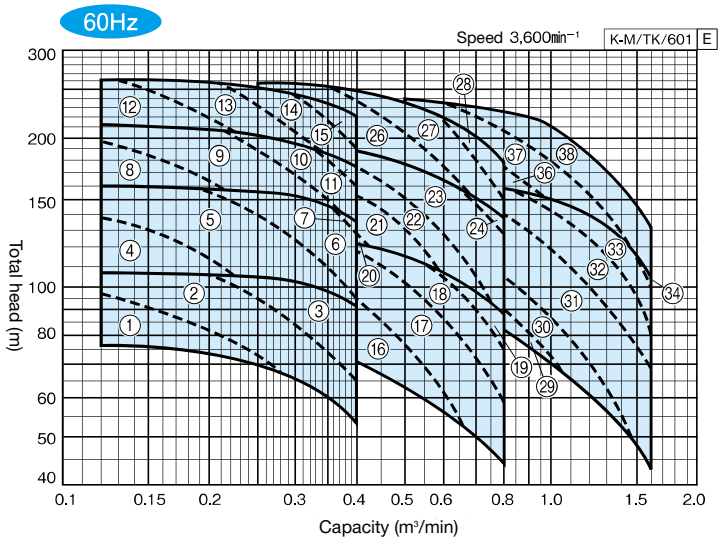
Maximum back pressure

(2.7−Zero-discharge head of pump) MPa
or 0.39MPa, Whichever is lower

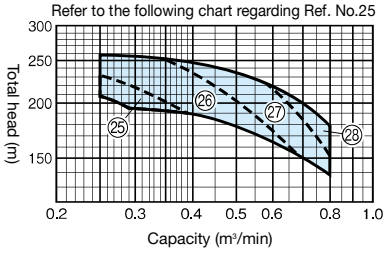
Selection chart

These charts show the performance in case of Kawamoto standard motor.
Inquire specification sheets and drawings in case of actual work planing.

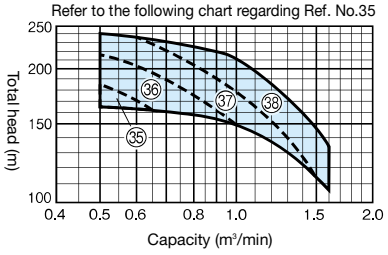




Refer to the following chart regarding Ref. No.25



Refer to the following chart regarding Ref. No.35



K-M Type

Specification table

Impeller diameter varies according to duty point, please inquire with pump specification (capacity x total head)
*Model names in upper stand shows Gland packing type, and in lower stand shows Mechanical seal type. (No.26, 27, 42, 43 : Mechanical seal type)

50Hz

Bore mm	Ref	Model	Motor kW
50 × 40	1	K505G×2ME5.5 K505M×2ME5.5	5.5
	2	K505G×2ME7.5 K505M×2ME7.5	7.5
	3	K505G×3ME5.5 K505M×3ME5.5	5.5
	4	K505G×3ME7.5 K505M×3ME7.5	7.5
	5	K505G×3ME11 K505M×3ME11	11
	6	K505G×4ME7.5 K505M×4ME7.5	7.5
	7	K505G×4ME11 K505M×4ME11	11
	8	K505G×4ME15 K505M×4ME15	15
	9	K505G×5ME11 K505M×5ME11	11
	10	K505G×5ME15 K505M×5ME15	15
	11	K505G×6ME11 K505M×6ME11	11
	12	K505G×6ME15 K505M×6ME15	15
	13	K505G×6ME18 K505M×6ME18	18.5
	14	K655G×2ME11 K655M×2ME11	11
	15	K655G×2ME15 K655M×2ME15	15

Bore mm	Ref	Model	Motor kW
65 × 50	16	K655G×3ME11 K655M×3ME11	11
	17	K655G×3ME15 K655M×3ME15	15
	18	K655G×3ME18 K655M×3ME18	18.5
	19	K655G×4ME15 K655M×4ME15	15
	20	K655G×4ME18 K655M×4ME18	18.5
	21	K655G×4ME22 K655M×4ME22	22
	22	K655G×4ME30 K655M×4ME30	30
	23	K655G×5ME18 K655M×5ME18	18.5
	24	K655G×5ME22 K655M×5ME22	22
	25	K655G×5ME30 K655M×5ME30	30
	26	K655M×6ME30	30
	27	K655M×6ME37	37
80 × 65	28	K805G×2ME11 K805M×2ME11	11
	29	K805G×2ME15 K805M×2ME15	15
	30	K805G×2ME18 K805M×2ME18	18.5
	31	K805G×2ME22 K805M×2ME22	22

Bore mm	Ref	Model	Motor kW
80 × 65	32	K805G×2ME30 K805M×2ME30	30
	33	K805G×3ME18 K805M×3ME18	18.5
	34	K805G×3ME22 K805M×3ME22	22
	35	K805G×3ME30 K805M×3ME30	30
	36	K805G×3ME37 K805M×3ME37	37
	37	K805G×3ME45 K805M×3ME45	45
	38	K805G×4ME30 K805M×4ME30	30
	39	K805G×4ME37 K805M×4ME37	37
	40	K805G×4ME45 K805M×4ME45	45
	41	K805G×4ME55 K805M×4ME55	55
	42	K805M×5ME45	45
	43	K805M×5ME55	55

60Hz

Bore mm	Ref	Model	Motor kW
50 × 40	1	K506G×2ME5.5 K506M×2ME5.5	5.5
	2	K506G×2ME7.5 K506M×2ME7.5	7.5
	3	K506G×2ME11 K506M×2ME11	11
	4	K506G×3ME7.5 K506M×3ME7.5	7.5
	5	K506G×3ME11 K506M×3ME11	11
	6	K506G×3ME15 K506M×3ME15	15
	7	K506G×3ME18 K506M×3ME18	18.5
	8	K506G×4ME11 K506M×4ME11	11
	9	K506G×4ME15 K506M×4ME15	15
	10	K506G×4ME18 K506M×4ME18	18.5
	11	K506G×4ME22 K506M×4ME22	22
	12	K506G×5ME15 K506M×5ME15	15
	13	K506G×5ME18 K506M×5ME18	18.5
	14	K506G×5ME22 K506M×5ME22	22
	15	K506G×5ME30 K506M×5ME30	30

Bore mm	Ref	Model	Motor kW
65 × 50	16	K656G×2ME11 K656M×2ME11	11
	17	K656G×2ME15 K656M×2ME15	15
	18	K656G×2ME18 K656M×2ME18	18.5
	19	K656G×2ME22 K656M×2ME22	22
	20	K656G×3ME15 K656M×3ME15	15
	21	K656G×3ME18 K656M×3ME18	18.5
	22	K656G×3ME22 K656M×3ME22	22
	23	K656G×3ME30 K656M×3ME30	30
	24	K656G×3ME37 K656M×3ME37	37
	25	K656G×4ME22 K656M×4ME22	22
	26	K656G×4ME30 K656M×4ME30	30
80 × 65	27	K656G×4ME37 K656M×4ME37	37
	28	K656G×4ME45 K656M×4ME45	45
	29	K806G×2ME18 K806M×2ME18	18.5
	30	K806G×2ME22 K806M×2ME22	22

Bore mm	Ref	Model	Motor kW
80 × 65	31	K806G×2ME30 K806M×2ME30	30
	32	K806G×2ME37 K806M×2ME37	37
	33	K806G×2ME45 K806M×2ME45	45
	34	K806G×2ME55 K806M×2ME55	55
	35	K806G×3ME30 K806M×3ME30	30
	36	K806G×3ME37 K806M×3ME37	37
	37	K806G×3ME45 K806M×3ME45	45
	38	K806G×3ME55 K806M×3ME55	55