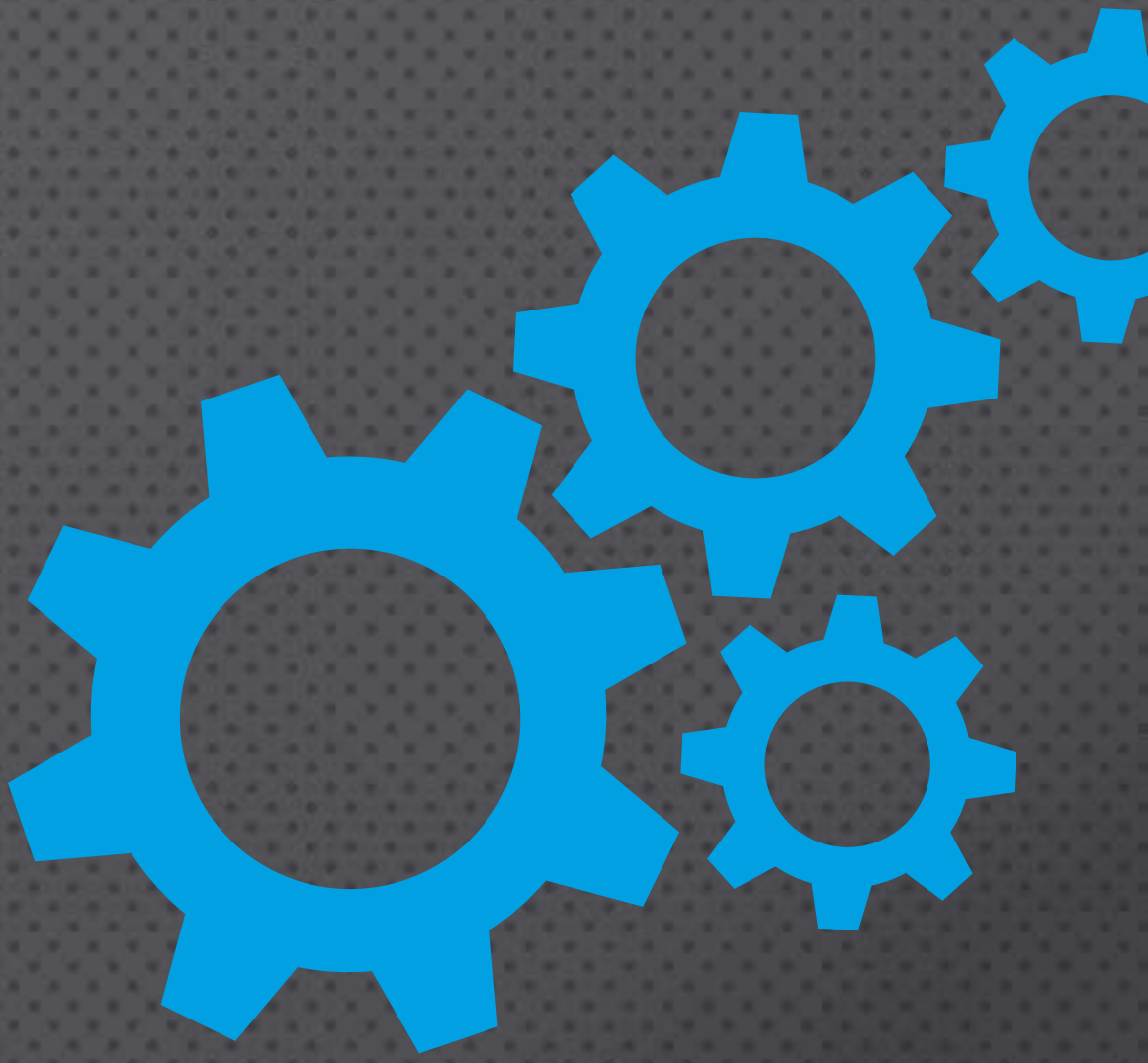
KAVITSU

Excellence In Gear Technology



PLANETARY DRIVE'S TECHNICAL CATALOGUE

www.kavitsu.in

Sugar Mill Drive

Power : 75 Hp to 500 Hp
Torque : 200 KNm To 2000 KNm
Ratio : 137.14 To 320

- Square end shaft & maximum load distribution.
- Rigid foot mounting Construction.
- High ratio for torque transmission.

Planetary Geared motors

Power : 0.25 HP To 10HP
Torque : 20 Nm to 10000 Nm
Ratio : 3.17 To 15000

- Squirrel Cage induction motor with IEC.
- Available in foot, flange & agitator.
- Can be operated by electric and hydraulic motors.

Parallel Shaft Helical

Power : 5 HP To 200 HP
Torque : 500 Nm To 1500 KNm
Ratio : 2 To 350

- Used for Hoist application.
- Split type housing with M.S.fabricate.
- Available in combination of planetary and bevel.
- Low noise level of operation.

Clarifier Drive

- Used in Water treatment plant.
- Soft and raw water treatment plant.
- Capacity up to 50 meters.

Slewring Bearing

60 mm to 3200 mm

- External, Internal and Ungeared available
- Flange and solid slew bearings
- Used in Earthmoving, Pharma, Solar, Defence, rolling mill sectors.

Creep Drive

Available in 100, 160, 200, 250 & 300 MM Drum diameter.
Ratio 10 :1 available

- Used in crane for creep speed

Combined Bearing

Size Ø52.5 mm To Ø149 mm

- It is a combination fo main bearing and axial bearing which takes the radial and axial load well in proportion.
- The design incorporated in KAVITSU combined bearings gives the best resolution of the external load into its components.
- Used in Pallet Stacker, Palletlift, Forklift, eccentric lifting table.

Winch Drive

Lifting Capacity 2 Kn TO 25 Kn
Input Power 0.18 Kw To 30 Kw

- Most reliable brand in material handling sector
- Compact in size
- Available with break motor

Shaft Mounted Speed Reducer

Power : 55 Kw To 40 Kw
Torque : 100 To 5000 Nm
Ratio : 5,13,20.

- Direct mounting on shaft with torque arrester.
- Ground gear helical gear train.

We are happy to present you our catalogue for Kavitsu Planetary Gearboxes.
Kavitsu is the pioneer in planetary gearbox technology For the past two decades,it has earned its name for supply of high quality and reliable gear boxes. We make use of latest technology in manufacturing of our gearboxes. Our research and development team continuously strives hard to bring innovative products, results of which is a vast range of product.
This, in addition to their excellent performance to price ratio, makes KAVITSU planetary gearboxes extremely attractive alternatives in the sector of power transmission.

All this is made possible by a company characterized by:

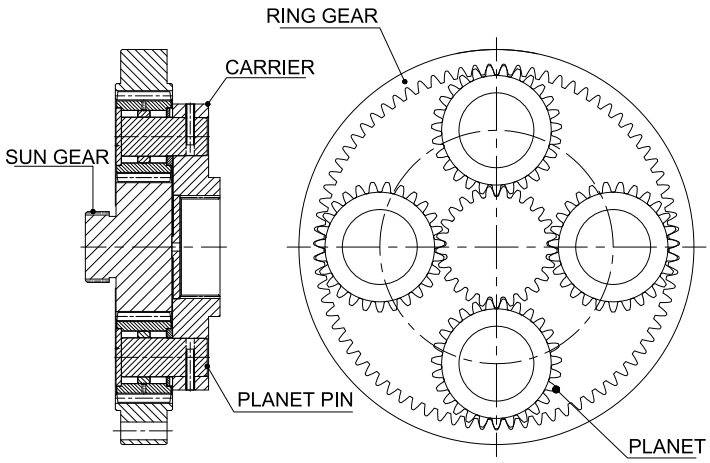
a) Product development is assured by highly professional & competent personnel using state-of-the art design systems.
b) The use of sophisticated machinery noted for its significant production flexibility guarantees a rapid flow of components & top level quality.
c) All parts are scrupulously checked on sophisticated equipment as part of the in-house Quality Control Department.

- **SYMBOL OF UNIT OF MEASURE:**

- Fh1- LIFETIME FACTOR FOR BEARING SHAFT
- Fh2- CALCULATION
- Fh-LIFETIME FACTOR FOR GEAR BOX CALCULATION
- fs-SERVICE FACTOR
- ft-THERMAL FACTOR
- ftp-TEMPERATURE FACTOR
- fv- SPEED FACTOR
- h-LIFETIME IN HOURS
- I-REDUCTION RATIO
- Kr-RADIAL LOAD FACTOR
- M2-REFERANCE TORQUE (Nm)
- Mn2-NOMINAL TORQUE (Nm)
- M2 max-GEARBOX MAX. OUTPUT TORQUE (Nm)
- Mb-RATED BRAKE TORQUE (Nm)
- Mr2-REQURED TORQUE AT GEARBOX OUTPUT
- Mc2-CALCULATED TORQUE AT GEARBOX OUTPUT
- n1- ANGULAR SPEED OF GEARBOX INPUT (min- 1)
- n2- ANGULAR SPEED OF GEARBOX OUTPUT (min- 1)
- P1-MAXIMUM TRANSMISSIBLE POWER AT GEARBOX INPUT
- P2-MAXIMUM TRANSMITTED POWER AT GEARBOX OUTPUT
- Pt- THERMAL POWER (Kw)
- ηd-DYNAMIC EFFIENCY (%)

1.0 Basic Principle:

Planetary gear system is a system in which the planet gears revolve around the sun gear, and both of them are rotating on a ring gear. The planetary gear is fixed upon a carrier through planet pins which gives the output to either the output shaft or the sun gear of next stage of planetary system.



2.0 SPECIFICATIONS:

The series consist of a range of multi-purpose planetary gearboxes that can be operated by either hydraulic or electric motors. Basic features are:

- 20 different models
- Output torque up to 50 00 000 Nm
- Transmissible power up to 2000 kW
- Ratio from 3:0:1 to 45000:1 or more also possible
- Modular design

3.0 VERSIONS:

- In line
- Right angle (with bevel gear pair)
- Reduction stages ranging from 1 to 4 or more also possible
- With Flange-Mounted, Foot-Mounted & Shaft- Mounted.
- Output shaft with keyway, splined , splined hallow shaft, hallow shaft-mounting with shrink disc

3.1 Input adaptors for:

- Electric motors to IEC standards design B5
- Hydraulic motors by major manufacturers & according customers requirements. Its value is a function of the transmitted power, the speed the reduction ratio and oil temperature and viscosity.

3.2 High Speed Shaft:

- Geared motor with KIVI make electric motors
- Hydraulic motors.
- Negative hydraulic parking brakes for operations by hydraulic motors.

3.3 Output shaft accessories :

- Flanges
- Pinion
- Splined bars
- Shrink disc

3.4 More design feature

- High ratio of transmissible torque to overall dimensions
- High radial & axial load capacity of output shaft. Thanks to tapered roller bearings fitted on request.
- High efficiency
- Inner parts are connected using grooved sections instead of tabs
- Planetary gears of reduction stages mounted to floating holders to ensure maximum load distribution among planetary gears
- Housing made of spheriodal cast iron.

4.0 OUTPUT TORQUE:

4.1 Reference torque M2 [Nm] :

Indicative output torque to easily establish the performance class of each gearbox basic size.

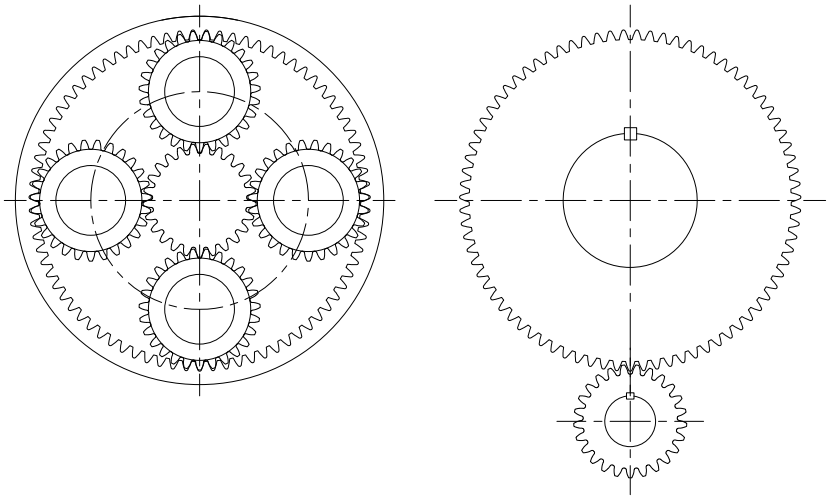
4.2 Nominal torque Mn2 [Nm] :

Torque transmitted at the output at uniform continuous load , services factor FS =1 for different fixed values of the life factor (n2.h).

4.3 High Load Ability :

Eight transmissions contact points can afford high torque & great impact. All gears are hardened with 45HRC.Those precision machine gears makes running noiseless.also alow high radial loads on the output shaft because planetary gear can share output radial force stably point contact easily broken the teeth by great impact on the contrary.

Normal helical gears only have one point contact.



(a) PLANETARY GEAR TRAIN (b) HELICAL GEAR TRAIN

Because of each planetary gear can contact more teeth at the same time it cause the planetary gear can afford high torque,small volume & light weight also can help designer do the good job, for helical/worm gear only have one contact tooth & cant afford great impact torque easy to break the gears during heavy transmissions.

Technical Data

Type of Gear	Planetary Gear	Helical Gear
Ratio	5.25	5.25
Output torque Nm	10000	10000
Module	4	4
Teeth Z1	15	15
Teeth Z2	63	63
Lead Angle	-	20
Gear width	60	60
Volume cm3	6000	13000
Weight in KG	145	320

5.0 POWER :

5.1 Input rated power P1 [kW]:

Power P1 indicated in the specification table for each gearbox size is either the intermitted or continuous power which can be transmitted at the gear box input under the following conditions: Input speed- n1,T theoretical duration 1000h, Service factor FS=1 Check that the formula here below is always satisfied: P1'x fs ≤p1

5.2 Output power P2 [kW]:

This value is power transmitted at the gear box output . It can be calculated with the following formulas:
P2= P1. Hd

6.0 THERMAL POWER PT [kW]:

This value indicates the gearbox's thermal capacity (refer to the technical data concerning the gearboxes under consideration) & is the power that can be transmitted under continuous duty at an input speed n1 of 1500 min-1 at an ambient temperature of 20

For a duty cycle with short operating periods and sufficiently long pauses to allow the unit to cool, thermal power is not particularly important and therefore it does not need to be taken into consideration.

At an ambient temperature other than 20° C under intermittent duty conditions and with an input speed n1 other than 1500 min -1 it is possible to calculate the Pt value according to the thermal factor fv, shown in table. Make sure that the following condition is always satisfied.

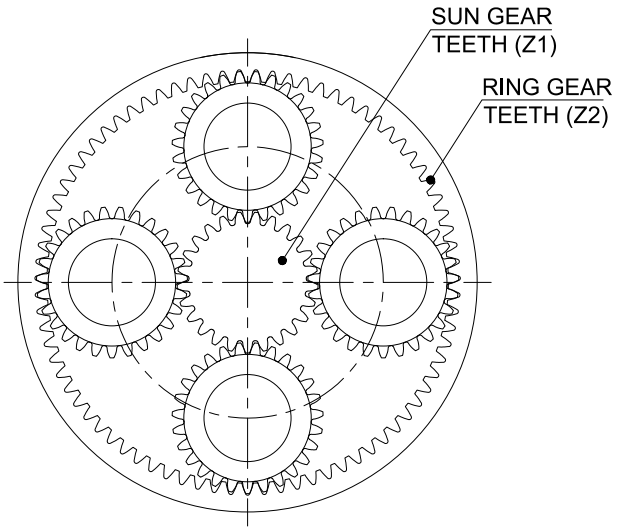
The intermittence factor (I)% is obtained from the ratio between perating time under load tf and total (tf + tr), where rest time tr, expressed as a percentage.

I = tf/tf+tr*100

NOTE : The thermal power values indicated in the selection charts for each size apply to the versions without negative multidisc brake.

7.0 REDUCTION RATIO (I) :

7.1 Calculated Ratio of planetary stage :



I= (Z2/Z1)+1
I- Ratio.
Z1- Sun gear teeth.
Z2- Ring Gear theeth.

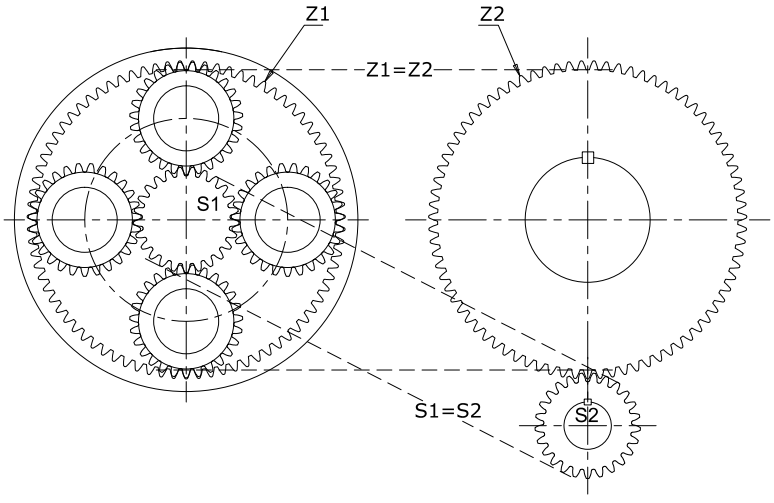
7.2 This is the ratio of gearbox input speed to gearbox output speed.

i = n1/n2

7.3 Advantages for planetary gear train over helical:

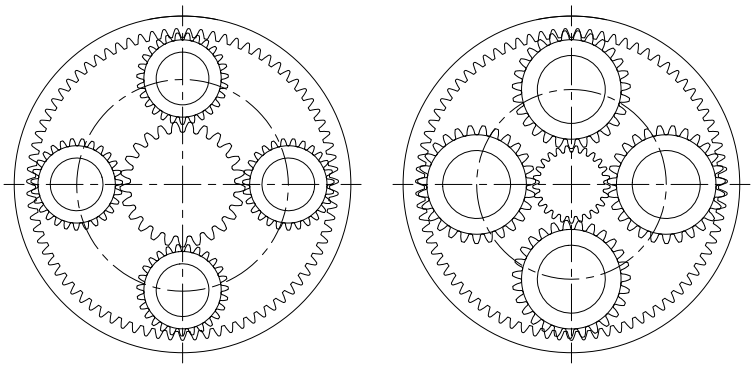
I- We can get 20% more ratio in planetary gear box than same main gear theeth & pinion gear combination in helical gear box. As show in below fig.

a) I1= (Z1/S1)+1 = (60/12)+1= 6 b) I2=(Z2/S2) = (60/12)= 5



II) Planetary gear can easily reach high reduction ratio by increase planetary reduction stages.
i.e. if we need 30.73 ratio,then only need combine first stage ratio of 5.43:1 & second stage ratio of 5.66:1 then we will get 30.73 ratio.It very easy for assembly & maintenance.

7.4 We can modify reduction ratio by replace sun gear & planets.
There fore no need to change ring gear :



(a) LOWER REDUCTION RATIO (b) HIGHER REDACTION RATIO

8.0 EFFICIENCY:
8.1 Dynamic effiency ηd
Obtained from the ratio of output power P2 to input power P1 according to the following equation:
ηd = P2 / P1 x 100%

8.2 Maximum Stage wise efficiency:

Stages	Reduction ratio	efficiency
1st	3.38 To 7.20	95%
2nd	10.71 To 48.17	90%
3rd	53.15 To 404.61	85%
4th	442.88 To 2913.2	81%

9.0 ANGULAR SPEED:
9.1 Input speed:
● n1 [min -1]
Refer to the speed of motor if motor is directly connected to gearbox. In the case of an indirect drive, this value is the speed of the motor divided by the transmission ratio of the indirect drive accessaries (Belt, Chain, Gears etc.) Input speed should not exceed the value indicated in the table on gearbox technical features. As for continuous operation in industrial applications, we recommend that speed of 1500 min-1 be never exceeded.
9.2 Output speed n2 [min-1] :
Calculated from input speed n1 and transmission ratio i according to the following equation.
● n2 = n1/I

10.0 SERVICE FACTOR fs :

Factor depends on the application type. This factor takes into consideration (with sufficient approximation) load variations which the gearbox may undergo for a specific type of duty . It also takes into consideration the selected type of the drive unit

Table gives indications for the services factor to be selected according to the applications & operation type.

11.0. LIFE FACTOR (Fh1, Fh2) :

Factor resulting by multiplying angular speed at input (n1) or output (n2) by actual operating working hours h, break times excluded.

- Fh1 = (n1 x h)
- Fh2 = (n2 x h)

Life factor is directly proportional to gearbox rpm's during the whole duty time.

12.0 GEAR BOX SELECTION :

a) Determine the following according to the required application.

- Service factor sf
- Required gearbox working life h
- Required drive unit (Hydraulic, Electric or Others)

b) Define the calculated torque with the required output torque Mr2.

- Mc2 = Mr2 x fs

c) Calculate the life factor, it required working life h & output speed n2:

- Fh2 = (n2 x h)

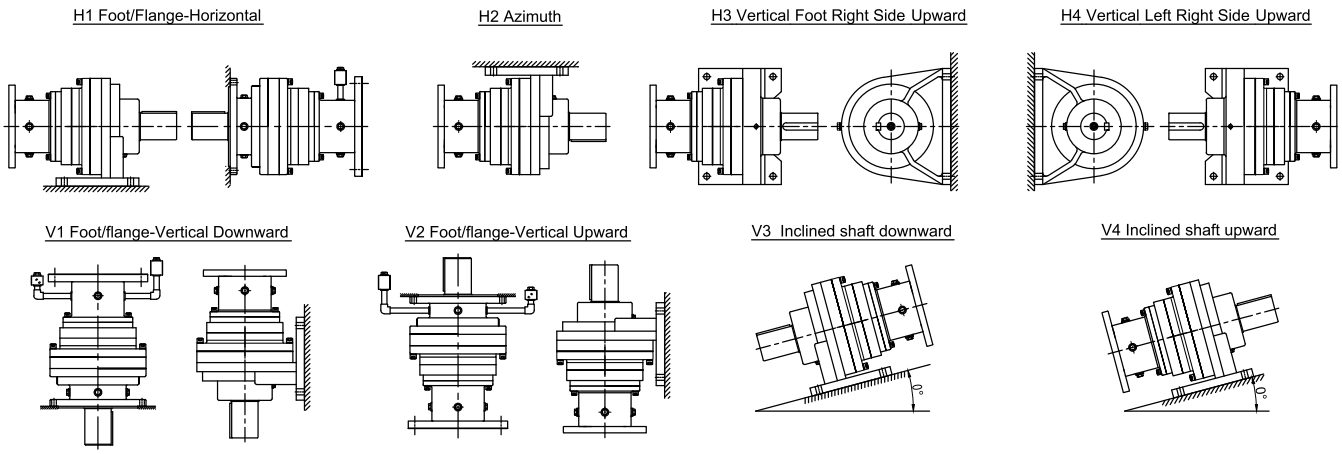
d) Calculate the required reduction ratio. i = n1/n2

e) Select gearbox size which , having a reduction ratio close to the calculated value , and stastics the following :

- mc2<_Mn2
- con / with / mit / avec
- Fh2 <_ (n2 x h)

Where Mn2 & Fh2 are indicated in the selection tables for each gearbox size.

13.0 INSTALLATION :



Observing the few rules of correct installation is essential to the reliable & proper operation of the gearbox or gear motor.The rules set out here are intended as a preliminary guide to select gearbox or gear motor.
For effective & proper installation , follow the instructions given in Installation,use & Maintenance manual for the gearboxes.

Following is a brief outline of installation rules:

a) Fastening : Place gearbox on a surface providing adequate rigidity. Mating surface should be machined & flat Mating surfaces must be within definite geometric tolerances. This is especially true for flange - mounted gearboxes with splined hollow shafts.In applications that involve high radial load at the output end, flange mounting is recommended for some gearbox sizes as this mounting makes use of the double pilot diameters provided on these gearboxes. See section "Loads on shafts" for the different gear boxes. Make sure the gearbox is suitable for the required mounting position. Use screw of resistance class 8.8 to secure the gearbox. Torque up screws to the figures indicated in the relevant tables. With transmitted output torque greater than or equal to 70% of the indicated M2 max. torque , & with frequent movement reversals , use screw with minimum resistance 10.9. Some gearbox sizes can be fastened using either screw or pins. If a pin is used , the length of pin seated in the frame the gearbox being installed should be at least 1.5 times pin diameter.

b) Connections: Secure the connection parts e.g. couplings pulleys etc, to gearbox input & output . Do not tap them with hammers or similar tools. To insert these parts, use the service screws & threaded holes provided on the shafts. Be sure to clean off any grease.

- **Fitting hydraulic motors:**

  Be careful of the O ring between motor flange & gearbox input flange when assembling . Install the hydraulic motor before filling lube oil into the gearbox.

- **Connecting the hydraulic brakes:**

  The hydraulic circuit should be such to ensure that brake is released instants before gearbox starts & applied after gearbox has stopped. Check that pressure in the hydraulic line for brake release is at zero whenever gearbox is stopped.

c) Direction of rotation:

Motors are connected to the suitable electric or hydraulic circuit according to their direction of rotations. When performing these connections , bear in mind that all gearboxes , whether in the in-line or right angle design , have the same direction of rotation.

d) Lubrication

Before start up fill the gearbox with the recommended lube oil up to correct level. Level is checked through the suitable plug or sight glass provided on each gearbox depending on designated mounting position.

14.0 MAINTENANCE:

- Check the tightness of mounting bolts after the initial 50 hours of operation.
- Change the oil first after 100-150 hours operation.
- Subsequently, change the oil every 2000-3000 hours operation depending on application.

Alternatively change oil once a year.

- Check the oil level in the gearbox every month and top up as necessary.
- Have a general checkup every day.

15.0 STORAGE:

Observe the following instructions to ensure correct storage of delivered products.

a) Do not store outdoors, in areas exposed to weather or with excessive humidity.

b) Always place boards in wood or other material between floor and products to avoid direct contact with the floor.

c) For storage periods of over 60 days all machined surfaces such as flanges, shafts and couplings must be protected with a suitable anti-oxidation product (Mobilarma 248 or equivalent product).

d) The following measures must be taken in receipt of products for witch the expected storage period exceeds 6 months.

d1)Cover outer machined parts and mating parts with grease to avoid oxidation.

d2) Position the gearbox with the breather plug up and fill them with oil.

Before use the gearbox should be filled with the proper amount of lubricant of the recommended type.

16.0 SUPPLY CONDITIONS:

Gearboxes are supplied as follows:

a) Ready for installation in the mounting position specified on order.

b) Dry inner parts are protected by a film of the oil used for final testing. (without oil filled)

c) Painted with colors. Mating surface are not painted

d) Tested to in - house specification;

e) Suitably packed;

f) Complete with mounting nuts & bolts for IEC electric motors or hydraulic motors;

17.0 LUBRICATION (Prior to start - up):

All gearboxes are oil-bath lubricated. For applications calling for gearboxes with vertically positioned axis , in which oil coverage during operation would not be sufficient to ensure correct lubrication of upper bearings, suitable life lubrication system.

Before start-up fill the gearbox with the correct quantity of oil selecting the viscosity level as per table . These gearboxes are provided with oil filling, level & drain plugs.

For a proper plug positioning for adequate lubrication, please always specify the required mounting position.The table lists the most common brands of lubricant & the types recommended for normal applications.

Note : For applications with special operating conditions , consult the factory with complete information.

Oil temperature must not exceed 95 deg C.

Units are delivered without oil but with filing, draining & oil level plugs correctly positioned.

The oil capacities indicated on gearbox for the various types of unit are indicative only. Check the oil level plug to ensure the correct amount of oil.

Material Of Construction

Sr.No.	Item	Material	Heat Treatment
1	Planet,Sun Gear,Planet Pin, Gear Pinion	SAE 8620/17 CrNiMo6	Case Carburising & Hardning
2	Ring Gear	C-45 Up to 3000 Kgm,En-24 Above 3000 Kgm	Toughning
3	Output Shaft	En-24	Toughning
4	Input Shaft	En-9/En-8	Toughning
5	Planet Carrier	En-9	Toughning
6	Input Casing,Intermediate Casing	Cast Iron Grade-25 Cast Iron Grade-25 Below 250 Kgm	-
7	Output Casing	Cast Steel,IS1030 Grade-II above 250 Kgm, SG Iron GRADE 400/12-600/3	-
8	Bearings	Antifriction Bearings (SKF/FAG Make)	-
9	Oil Seal	Nitrile / Viton (Universal Make)	-

THERMAL POWER FACTOR

AMBIENT TEMP	CONTINUES	INTERMEDIATE DUTY CYCLE(CYCLIC DURATION FACTOR%)			
		80%	60%	40%	20%
10	1.2	1.3	1.6	1.8	2
20	1.0	1.1	1.3	1.5	1.7
30	0.9	1	1.2	1.3	1.5
40	0.7	0.8	0.9	1	1.2
50	0.5	0.6	0.7	0.8	0.9

INPUT SPEED FACTOR	
INPUT SPEED n1	FACTOR fv
750	1.5
1000	1.2
1500	1
2000	0.7

SERVICE FACTOR fs RELATED TO NO OFF STARTS / HOUR

TYPE OF LOAD	TYPE OF DRIVE UNIT	NO OF STARTS/HOUR				
		16	32	63	125	250
		SERVICE FACTOR fs				
UNIFORM LOAD	ELECTRIC MOTOR	1	1.1	1.15	1.25	1.4
	HYDRAULIC MOTOR	1	1	1.1	1.15	1.2
	ENDOTHERMIC ENGINE	1.25	1.5	1.75	2	2.25
MODERATE LOAD	ELECTRIC MOTOR	1.1	1.15	1.2	1.4	1.6
	HYDRAULIC MOTOR	1	1	1.1	1.2	1.3
	ENDOTHERMIC ENGINE	1.5	1.75	2	2.25	2.5
HEAVY SHOCK LOAD	ELECTRIC MOTOR	1.2	1.3	1.4	1.6	1.8
	HYDRAULIC MOTOR	1.1	1.2	1.25	1.35	1.5
	ENDOTHERMIC ENGINE	2	2.25	2.5	2.5	3

MECHANICAL SERVICE FACTOR

Note - The starting torque should not exceed 2.0 time the normal torque.

POWER SOURCE	DURATION OF WORKING IN HRS./DAY	LOAD CLASSIFICATION		
		UNIFORM	MODERATE	HEAVY SHOCK
Electric Motor, Steam Turbine or Hydraulic Motor	Under - 3	0.80	1.00	1.50
	3 to 10	1.00	1.25	1.75
	Over 10	1.25	1.50	2.00
Multi-cylinder internal combustion engine	Under - 3	1.00	1.25	1.75
	3 to 10	1.25	1.50	2.00
	Over 10	1.50	1.75	2.25
Single cylinder internal combustion engine	Under - 3	1.25	1.50	2.00
	3 to 10	1.50	1.75	2.25
	Over 10	1.75	2.00	2.50

RECOMMENDED OIL BRANDS

	ISO Standard EP grade oils	
Ambient Temperature		
	ISO VG 220	ISO VG 320
AGIP	BLASIA 220	BLASIA 320
	BLASIA S 220	BLASIA S 320
ARAL	DEGOL BG 220	DEGOL BG 320
BP - MACH	ENERGOL GR XP 220	ENERGOL GR XP 320
CASTRO L	ALPHA SP 220	ALPHA SP 320
CHEVRON	EDWN. GEAR COMPOUND 220	N.L. GEAR COMPOUND 320
ELF	REDUCTELF SP 220	REDUCTELF SP 320
ESSO	SPARTAN EP 220	SPARTAN EP 320
	GLYCOLUBE 220	GLYCOLUBE 320
FINA	GIRAN 220	GIRAN 320
I.P.	MELLANA 220	MELLANA 320
	PONTAX HDS	PONTAX HDS
KLUBER	LAMORA 220	LAMORA 320
	SYNTHESO D 220 EP	SYNTHESO D 320 EP
MOBIL	MOBILGEAR 630	MOBILGEAR 631
	SHC 630	SHC 631
SHELL	OMELA EP 220	OMELA EP 320
	TIVELA OIL WA SA	TIVELA OIL WB
TOTAL	CARTER EP 220	CARTER EP 320

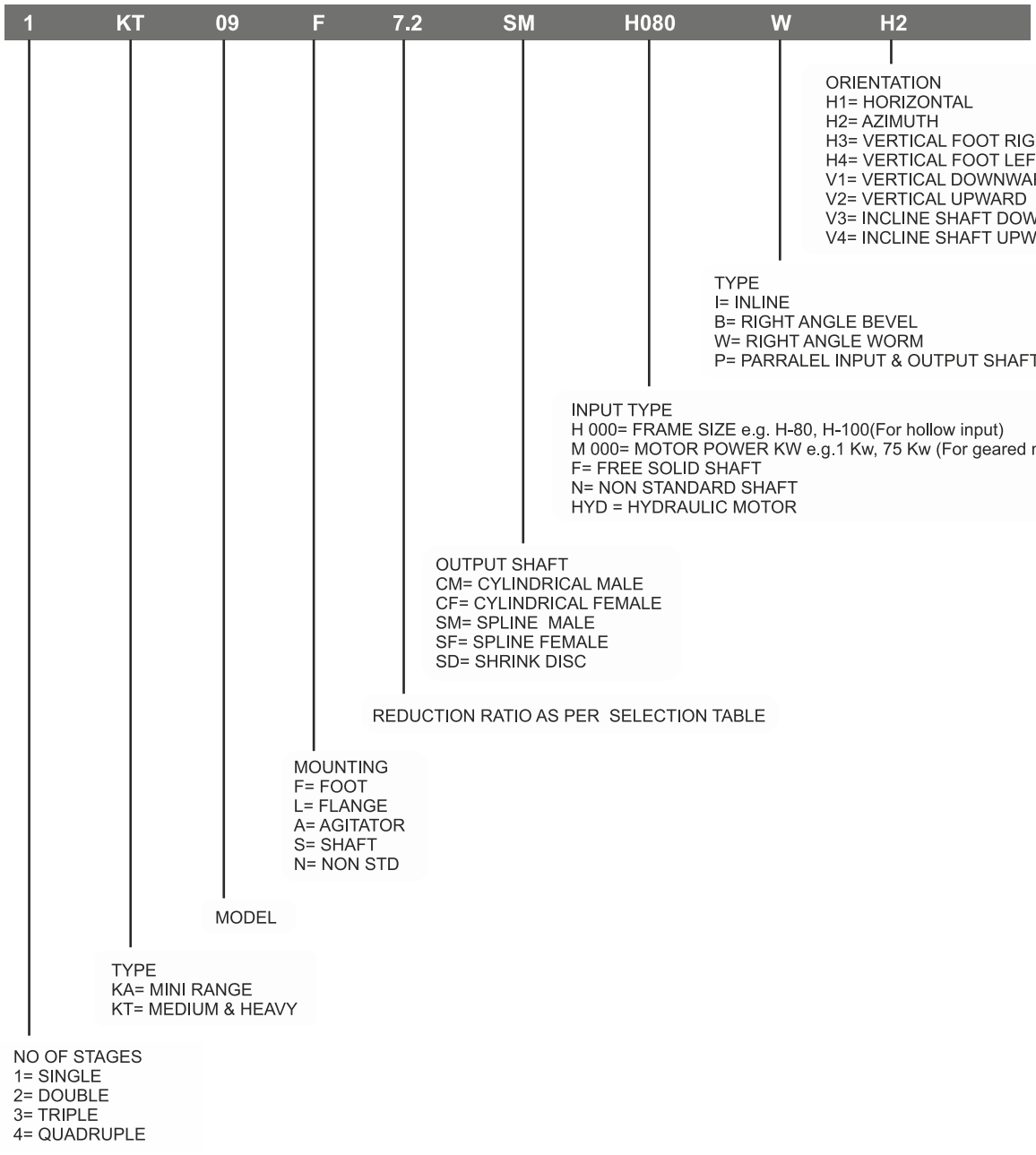
MECHANICAL OUTPUT PeaK TORQUE RATINGS Nm

MODEL	KA-01	KA-02	KA-03	KA-04	KA-05	KA-06	KT-07	KT-08	KT-09	KT-10
I STAGE	80	140	450	700	950	1600	2500	3000	5000	8000
II STAGE	80	140	450	950	1550	3000	4500	6000	10000	15000
III STAGE	80	140	450	950	1550	3500	5000	7500	12000	20000
IV STAGE	80	140	450	950	1550	3500	5000	7500	12000	20000
MODEL	KT-11	KT-12	KT-13	KT-135	KT-14	KT-15	KT-155	KT-16	KT-17	KT-18
I STAGE	11000	20000	30000	36000	40000	65000	85000	115000	200000	350000
II STAGE	24000	38000	50000	65000	108000	198000	200000	250000	350000	600000
III STAGE	24500	38000	50000	77000	108000	198000	300000	375000	500000	1000000
IV STAGE	24500	38000	50000	77000	108000	198000	300000	450000	500000	1140000

FOR TORQUE RATING ABOVE 5000000 Nm, PLEASE CONTACT FACTORY.

NOTE- ALL ABOVE MENTION TORQUE RATINGS ARE MAXIMUM, PLEASE REFER SELECTION CHART FOR ACTUAL MAXIMUM TORQUE AS PER RATIO

MODEL IDENTIFICATION OR ORDERING CODE NO



KA-01 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KA-01	1500	3.19	80	64	58	53	50	41	38	34	33	1.11	1400	0.33	71 FS
		3.69	80	64	58	53	50	41	38	34	33	0.96			
		4.50	80	64	58	53	50	41	38	34	33	0.79			
2 KA-01	1500	10.2	80	64	58	53	50	41	38	34	33	0.60	1800	0.33	71 FS
		11.8	80	64	58	53	50	41	38	34	33	0.52			
		13.6	80	64	58	53	50	41	38	34	33	0.45	1900		
		14.3	80	64	58	53	50	41	38	34	33	0.43			
		16.6	80	64	58	53	50	41	38	34	33	0.37	2000		
		20.2	80	64	58	53	50	41	38	34	33	0.30	2200		
3 KA-01	1500	37.5	80	64	58	53	50	41	38	34	33	0.32	2200	0.33	71 FS
		43.5	80	64	58	53	50	41	38	34	33	0.27			
		45.8	80	64	58	53	50	41	38	34	33	0.26			
		50.2	80	64	58	53	50	41	38	34	33	0.24			
		61.3	80	64	58	53	50	41	38	34	33	0.19			
		74.7	80	64	58	53	50	41	38	34	33	0.16			
		91.1	80	64	58	53	50	41	38	34	33	0.13			
4 KA-01	1500	103.5	80	64	58	53	50	41	38	34	33	0.12	2200	0.33	71 FS
		119.8	80	64	58	53	50	41	38	34	33	0.10			
		138.6	80	64	58	53	50	41	38	34	33	0.09			
		160.3	80	64	58	53	50	41	38	34	33	0.08			
		185.4	80	64	58	53	50	41	38	34	33	0.07			
		195.5	80	64	58	53	50	41	38	34	33	0.06			
		226.1	80	64	58	53	50	41	38	34	33	0.05			
		238.4	80	64	58	53	50	41	38	34	33	0.05			
		275.7	80	64	58	53	50	41	38	34	33	0.05			
		290.7	80	64	58	53	50	41	38	34	33	0.04			
		336.2	80	64	58	53	50	41	38	34	33	0.04			
		410.0	80	64	58	53	50	41	38	34	33	0.03			

KA-02 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KA-02	1500	3.3	140	112	101	93	87	72	67	60	57	1.89	2250	0.75	80 FS
		3.6	140	112	101	93	87	72	67	60	57	1.71			
		4.1	140	112	101	93	87	72	67	60	57	1.50			
		4.9	140	112	101	93	87	72	67	60	57	1.28			
		6.0	140	112	101	93	87	72	67	60	57	1.03	2400		
2 KA-02	1500	10.7	140	112	101	93	87	72	67	60	57	1.00	2850	0.75	80 FS
		11.9	140	112	101	93	87	72	67	60	57	0.90			
		13.2	140	112	101	93	87	72	67	60	57	0.90	3000		
		15.0	140	112	101	93	87	72	67	60	57	0.90			
		17.0	140	112	101	93	87	72	67	60	57	0.90			
		20.0	140	112	101	93	87	72	67	60	57	0.90			
		21.8	140	112	101	93	87	72	67	60	57	0.89	3100		
		24.8	140	112	101	93	87	72	67	60	57	0.78			
		29.1	140	112	101	93	87	72	67	60	57	0.67			
		36.0	140	112	101	93	87	72	67	60	57	0.54			
3 KA-02	1500	38.8	140	112	101	93	87	72	67	60	57	0.53	3100	0.75	80 FS
		44.1	140	112	101	93	87	72	67	60	57	0.47			
		49.0	140	112	101	93	87	72	67	60	57	0.42			
		61.7	140	112	101	93	87	72	67	60	57	0.34			
		70.1	140	112	101	93	87	72	67	60	57	0.30			
		79.1	140	112	101	93	87	72	67	60	57	0.26			
		89.8	140	112	101	93	87	72	67	60	57	0.23			
		102.0	140	112	101	93	87	72	67	60	57	0.20			
		114.1	140	112	101	93	87	72	67	60	57	0.18			
		120.0	140	112	101	93	87	72	67	60	57	0.17			
		141.1	140	112	101	93	87	72	67	60	57	0.15			
		148.5	140	112	101	93	87	72	67	60	57	0.14			
		174.6	140	112	101	93	87	72	67	60	57	0.12			
4 KA-02	1500	201.7	140	112	101	93	87	72	67	60	57	0.11	3100	0.75	80 FS
		223.9	140	112	101	93	87	72	67	60	57	0.10			
		254.5	140	112	101	93	87	72	67	60	57	0.09			
		279.2	140	112	101	93	87	72	67	60	57	0.08			
		310.0	140	112	101	93	87	72	67	60	57	0.07			
		340.4	140	112	101	93	87	72	67	60	57	0.06			
		370.6	140	112	101	93	87	72	67	60	57	0.06			
		399.8	140	112	101	93	87	72	67	60	57	0.05			
		461.5	140	112	101	93	87	72	67	60	57	0.05			
		494.6	140	112	101	93	87	72	67	60	57	0.04			
		553.3	140	112	101	93	87	72	67	60	57	0.04			
		611.8	140	112	101	93	87	72	67	60	57	0.04			
		633.8	140	112	101	93	87	72	67	60	57	0.03			
		706.3	140	112	101	93	87	72	67	60	57	0.03			
		720.2	140	112	101	93	87	72	67	60	57	0.03			
		784.1	140	112	101	93	87	72	67	60	57	0.03			
		846.8	140	112	101	93	87	72	67	60	57	0.03			
		891.0	140	112	101	93	87	72	67	60	57	0.02			
		1047.6	140	112	101	93	87	72	67	60	57	0.02			
		1296.0	140	112	101	93	87	72	67	60	57	0.02			

KA-03 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KA-03	1500	3.38	450	360	325	300	279	232	215	191	185	5.89	3000	2.2	100 FS
		3.82	450	360	325	300	279	232	215	191	185	5.21			
		4.44	450	360	325	300	279	232	215	191	185	4.48			
		5.43	450	360	325	300	279	232	215	191	185	3.66			
		7.20	450	360	325	300	279	232	215	191	185	2.76	3200		
2KA-03	1500	11.1	450	360	325	300	279	232	215	191	185	3.10	3750	0.75	80 FS
		12.5	450	360	325	300	279	232	215	191	185	2.74	4000		
		13.9	450	360	325	300	279	232	215	191	185	2.46			
		15.8	450	360	325	300	279	232	215	191	185	2.17	4100		
		16.4	450	360	325	300	279	232	215	191	185	2.17			
		18.5	450	360	325	300	279	232	215	191	185	2.17			
		21.5	450	360	325	300	279	232	215	191	185	2.17			
		26.3	450	360	325	300	279	232	215	191	185	2.17			
		29.7	450	360	325	300	279	232	215	191	185	2.10			
		32.6	450	360	325	300	279	232	215	191	185	1.91			
		43.2	450	360	325	300	279	232	215	191	185	1.44			
3KA-03	1500	45.6	450	360	325	300	279	232	215	191	185	1.02	4100	0.75	80 FS
		50.3	450	360	325	300	279	232	215	191	185	1.00			
		59.9	450	360	325	300	279	232	215	191	185	1.00			
		70.4	450	360	325	300	279	232	215	191	185	0.95			
		78.2	450	360	325	300	279	232	215	191	185	0.85			
		88.8	450	360	325	300	279	232	215	191	185	0.75			
		104.4	450	360	325	300	279	232	215	191	185	0.64			
		111.2	450	360	325	300	279	232	215	191	185	0.60			
		127.7	450	360	325	300	279	232	215	191	185	0.52			
		137.5	450	360	325	300	279	232	215	191	185	0.48			
		159.8	450	360	325	300	279	232	215	191	185	0.42			
		178.2	450	360	325	300	279	232	215	191	185	0.37			
		195.5	450	360	325	300	279	232	215	191	185	0.34			
4 KA-03	1500	230.3	450	360	325	300	279	232	215	191	185	0.30	4100	0.75	80 FS
		249.9	450	360	325	300	279	232	215	191	185	0.28			
		283.8	450	360	325	300	279	232	215	191	185	0.25			
		311.6	450	360	325	300	279	232	215	191	185	0.22			
		341.5	450	360	325	300	279	232	215	191	185	0.20			
		370.7	450	360	325	300	279	232	215	191	185	0.19			
		398.9	450	360	325	300	279	232	215	191	185	0.18			
		453.3	450	360	325	300	279	232	215	191	185	0.15			
		506.5	450	360	325	300	279	232	215	191	185	0.14			
		554.4	450	360	325	300	279	232	215	191	185	0.13			
		619.5	450	360	325	300	279	232	215	191	185	0.11			
		651.8	450	360	325	300	279	232	215	191	185	0.11			
		709.6	450	360	325	300	279	232	215	191	185	0.10			
		766.4	450	360	325	300	279	232	215	191	185	0.09			
		806.4	450	360	325	300	279	232	215	191	185	0.09			
		825.1	450	360	325	300	279	232	215	191	185	0.08			
		948.1	450	360	325	300	279	232	215	191	185	0.07			
		959.0	450	360	325	300	279	232	215	191	185	0.07			
		1172.9	450	360	325	300	279	232	215	191	185	0.06			
		1555.2	450	360	325	300	279	232	215	191	185	0.04			

KA-04 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KA-04	1500	3.38	740	592	534	493	458	382	354	315	304	9.68			
		3.82	710	568	513	473	440	366	340	302	291	8.22	6900	3.7	112 FS
		4.44	810	648	585	540	502	418	388	345	332	8.07			
		5.43	770	616	556	513	477	397	368	328	316	6.27			
		7.20	610	488	441	407	378	315	292	260	250	6.20	7400		
2 KA-04	1500	11.42	950	760	686	633	588	490	455	404	390	6.33	8700		
		12.91	950	760	686	633	588	490	455	404	390	5.60	9300		
		14.59	950	760	686	633	588	490	455	404	390	5.00			
		15.01	950	760	686	633	588	490	455	404	390	5.00			
		16.96	950	760	686	633	588	490	455	404	390	5.00			
		19.71	950	760	686	633	588	490	455	404	390	5.00		0.75	80 FS
		20.74	950	760	686	633	588	490	455	404	390	5.00	9800		
		24.11	950	760	686	633	588	490	455	404	390	5.00			
		29.48	950	760	686	633	588	490	455	404	390	4.46			
		31.97	950	760	686	633	588	490	455	404	390	4.11			
		39.10	950	760	686	633	588	490	455	404	390	3.36			
3 KA-04	1500	45.59	950	760	686	633	588	490	455	404	390	2.16			
		50.34	950	760	686	633	588	490	455	404	390	2.00			
		59.89	950	760	686	633	588	490	455	404	390	2.00			
		70.42	950	760	686	633	588	490	455	404	390	2.00			
		78.17	950	760	686	633	588	490	455	404	390	1.80			
		88.83	950	760	686	633	588	490	455	404	390	1.58			
		104.44	950	760	686	633	588	490	455	404	390	1.35	9800	0.75	80 FS
		111.16	950	760	686	633	588	490	455	404	390	1.26			
		127.73	950	760	686	633	588	490	455	404	390	1.10			
		137.52	950	760	686	633	588	490	455	404	390	1.02			
		159.84	950	760	686	633	588	490	455	404	390	0.88			
		178.20	780	624	563	520	483	403	373	332	320	0.65			
		195.48	950	760	686	633	588	490	455	404	390	0.72			
4 KA-04	1500	230.26	950	760	686	633	588	490	455	404	390	0.64			
		249.91	950	760	686	633	588	490	455	404	390	0.59			
		283.75	950	760	686	633	588	490	455	404	390	0.52			
		311.64	950	760	686	633	588	490	455	404	390	0.47			
		341.52	950	760	686	633	588	490	455	404	390	0.43			
		370.66	950	760	686	633	588	490	455	404	390	0.40			
		398.90	950	760	686	633	588	490	455	404	390	0.37			
		453.30	950	760	686	633	588	490	455	404	390	0.33			
		506.53	950	760	686	633	588	490	455	404	390	0.29			
		554.37	950	760	686	633	588	490	455	404	390	0.27			
		619.48	950	760	686	633	588	490	455	404	390	0.24	9800	0.75	80 FS
		651.80	950	760	686	633	588	490	455	404	390	0.23			
		709.59	950	760	686	633	588	490	455	404	390	0.21			
		766.36	950	760	686	633	588	490	455	404	390	0.19			
		806.36	950	760	686	633	588	490	455	404	390	0.18			
		825.12	950	760	686	633	588	490	455	404	390	0.18			
		948.08	950	760	686	633	588	490	455	404	390	0.16			
		959.04	950	760	686	633	588	490	455	404	390	0.15			
		1172.88	950	760	686	633	588	490	455	404	390	0.13			
		1866.24	780	624	563	520	483	403	373	332	320	0.06			
		2239.49	780	624	563	520	483	403	373	332	320	0.05			

KA-05 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KA-05	1500	3.17	850	680	614	567	526	439	407	362	349	11.85		5.5	132 FS
		3.46	820	656	592	547	508	423	392	349	336	10.48			
		3.84	980	784	708	653	607	506	469	417	402	11.28	4400		
		4.36	950	760	686	633	588	490	455	404	390	9.63			
		5.11	1090	872	787	727	675	563	522	464	447	9.43			
		6.69	860	688	621	573	533	444	411	366	353	9.40	4700		
		8.40	830	664	599	553	514	428	397	353	341	9.40	5100		
2KA-05	1500	10.71	1420	1136	1026	947	879	733	679	604	583	10.08	5600	2.2	100 FS
		11.69	1550	1240	1120	1033	960	800	742	660	636	10.08			
		12.11	1550	1240	1120	1033	960	800	742	660	636	9.74			
		12.98	1480	1184	1069	987	916	764	708	630	607	8.68	5900		
		14.74	1420	1136	1026	947	879	733	679	604	583	8.50			
		17.10	1480	1184	1069	987	916	764	708	630	607	8.50			
		19.36	1550	1240	1120	1033	960	800	742	660	636	8.50	6400		
		20.85	1550	1240	1120	1033	960	800	742	660	636	8.50			
		23.67	1550	1240	1120	1033	960	800	742	660	636	8.50	6900		
		27.75	1550	1240	1120	1033	960	800	742	660	636	7.73	7600		
		36.79	1550	1240	1120	1033	960	800	742	660	636	5.83	8000		
		48.17	1100	880	795	733	681	568	526	468	451	3.16			
3 KA-05	1500	60.46	1550	1240	1120	1033	960	800	742	660	636	3.04	8000	0.75	80 FS
		70.27	1550	1240	1120	1033	960	800	742	660	636	2.61			
		79.85	1550	1240	1120	1033	960	800	742	660	636	2.30			
		90.73	1550	1240	1120	1033	960	800	742	660	636	2.02			
		100.72	1550	1240	1120	1033	960	800	742	660	636	2.00			
		114.46	1550	1240	1120	1033	960	800	742	660	636	2.00			
		125.11	1550	1240	1120	1033	960	800	742	660	636	1.83			
		142.10	1550	1240	1120	1033	960	800	742	660	636	1.61			
		166.48	1550	1240	1120	1033	960	800	742	660	636	1.38			
		178.44	1550	1240	1120	1033	960	800	742	660	636	1.29			
		198.69	1470	1176	1062	980	910	759	703	626	603	1.09			
		220.75	1550	1240	1120	1033	960	800	742	660	636	1.04			
		233.61	1470	1176	1062	980	910	759	703	626	603	0.93			
		289.01	1470	1176	1062	980	910	759	703	626	603	0.75			
4 KA-05	1500	311.96	1550	1240	1120	1033	960	800	742	660	636	0.77	8000	0.75	80 FS
		340.81	1550	1240	1120	1033	960	800	742	660	636	0.71			
		371.34	1550	1240	1120	1033	960	800	742	660	636	0.65			
		402.84	1550	1240	1120	1033	960	800	742	660	636	0.60			
		455.36	1550	1240	1120	1033	960	800	742	660	636	0.53			
		502.61	1550	1240	1120	1033	960	800	742	660	636	0.48			
		555.12	1550	1240	1120	1033	960	800	742	660	636	0.43			
		604.34	1550	1240	1120	1033	960	800	742	660	636	0.40			
		652.69	1550	1240	1120	1033	960	800	742	660	636	0.37			
		696.90	1550	1240	1120	1033	960	800	742	660	636	0.35			
		750.64	1550	1240	1120	1033	960	800	742	660	636	0.32			
		807.45	1550	1240	1120	1033	960	800	742	660	636	0.30			
		896.83	1550	1240	1120	1033	960	800	742	660	636	0.27			
		998.90	1550	1240	1120	1033	960	800	742	660	636	0.24			
		1130.11	1550	1240	1120	1033	960	800	742	660	636	0.21			
		1307.76	1100	880	795	733	681	568	526	468	451	0.13			
		1401.69	1100	880	795	733	681	568	526	468	451	0.12			
		1642.03	1070	856	773	713	663	552	512	455	439	0.10			
		1734.05	1070	856	773	713	663	552	512	455	439	0.10			
		2177.28	1070	856	773	713	663	552	512	455	439	0.08			

KA-06 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KA-06	1500	3.17	1425	1140	1029	950	882	735	682	606	585	19.87	7100	7.5	132 FS
		3.46	1664	1331	1202	1109	1030	859	796	708	683	21.26			
		3.84	1600	1280	1156	1067	991	826	766	681	657	18.42			
		4.36	1540	1232	1112	1027	954	795	737	655	632	15.62			
		5.11	1840	1472	1329	1227	1139	950	880	783	755	15.92	7500		
		6.69	1560	1248	1127	1040	966	805	746	664	640	10.31			
		8.40	1690	1352	1221	1127	1046	872	809	719	693	10.00	8100		
2 KA-06	1500	10.71	2890	2312	2087	1927	1789	1492	1383	1230	1186	20.52	8100	3.7	112 FS
		11.69	2790	2232	2015	1860	1728	1440	1335	1187	1145	18.15	9000		
		12.11	2890	2312	2087	1927	1789	1492	1383	1230	1186	18.16	9500		
		12.98	2680	2144	1936	1787	1659	1383	1282	1140	1100	15.71			
		14.74	2880	2304	2080	1920	1783	1486	1378	1226	1182	14.87	10200		
		17.10	3000	2400	2167	2000	1858	1548	1435	1277	1231	13.35			
		19.36	2880	2304	2080	1920	1783	1486	1378	1226	1182	11.32			
		20.85	3000	2400	2167	2000	1858	1548	1435	1277	1231	10.95	11000		
		23.67	2880	2304	2080	1920	1783	1486	1378	1226	1182	9.26			
		27.75	3160	2528	2282	2107	1957	1631	1512	1345	1297	8.67	12100		
		36.79	3160	2528	2282	2107	1957	1631	1512	1345	1297	6.54	13850		
		48.17	2240	1792	1618	1493	1387	1156	1072	953	919	6.43	14500		
3 KA-06	1500	60.46	3290	2632	2376	2193	2037	1698	1574	1400	1350	5.64	16250	0.75	80 FS
		70.27	3290	2632	2376	2193	2037	1698	1574	1400	1350	4.85	17000		
		79.85	3290	2632	2376	2193	2037	1698	1574	1400	1350	4.27			
		90.73	3160	2528	2282	2107	1957	1631	1512	1345	1297	3.61			
		100.72	3160	2528	2282	2107	1957	1631	1512	1345	1297	3.25			
		114.46	3160	2528	2282	2107	1957	1631	1512	1345	1297	2.86			
		125.11	3430	2744	2477	2287	2124	1770	1641	1460	1407	2.84			
		142.05	3290	2632	2376	2193	2037	1698	1574	1400	1350	2.40			
		166.48	3160	2528	2282	2107	1957	1631	1512	1345	1297	2.00			
		178.44	3160	2528	2282	2107	1957	1631	1512	1345	1297	2.00			
		198.69	2990	2392	2160	1993	1851	1543	1431	1272	1227	2.00			
		220.75	3160	2528	2282	2107	1957	1631	1512	1345	1297	2.00			
		233.61	2240	1792	1618	1493	1387	1156	1072	953	919	1.42			
		289.01	2240	1792	1618	1493	1387	1156	1072	953	919	1.15			
4 KA-06	1500	311.96	3290	2632	2376	2193	2037	1698	1574	1400	1350	1.31	17000	0.75	80 FS
		340.81	3290	2632	2376	2193	2037	1698	1574	1400	1350	1.20			
		371.34	3430	2744	2477	2287	2124	1770	1641	1460	1407	1.15			
		402.84	3290	2632	2376	2193	2037	1698	1574	1400	1350	1.01			
		455.36	3290	2632	2376	2193	2037	1698	1574	1400	1350	1.00			
		502.61	3160	2528	2282	2107	1957	1631	1512	1345	1297	0.98			
		555.12	3160	2528	2282	2107	1957	1631	1512	1345	1297	0.88			
		604.34	3160	2528	2282	2107	1957	1631	1512	1345	1297	0.81			
		652.69	3160	2528	2282	2107	1957	1631	1512	1345	1297	0.75			
		696.90	3290	2632	2376	2193	2037	1698	1574	1400	1350	0.73			
		750.64	3430	2744	2477	2287	2124	1770	1641	1460	1407	0.71			
		807.45	3160	2528	2282	2107	1957	1631	1512	1345	1297	0.61			
		896.83	3570	2856	2579	2380	2211	1843	1708	1519	1465	0.62			
		998.90	3160	2528	2282	2107	1957	1631	1512	1345	1297	0.49			
		1130.1	3290	2632	2376	2193	2037	1698	1574	1400	1350	0.45			
		1307.8	2240	1792	1618	1493	1387	1156	1072	953	919	0.27			
		1401.7	2240	1792	1618	1493	1387	1156	1072	953	919	0.25			
		1734.0	2240	1792	1618	1493	1387	1156	1072	953	919	0.20			
		1734.1	2160	1728	1560	1440	1337	1115	1033	919	886	0.19			
		1734.1	2160	1728	1560	1440	1337	1115	1033	919	886	0.19			

KA-07 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KA-07	1500	3.17	2260	1808	1632	1507	1399	1166	1081	962	927	31.52	9200	15	160 FS
		3.46	2170	1736	1567	1447	1344	1120	1038	923	890	27.73			
		3.84	2530	2024	1827	1687	1567	1306	1211	1077	1038	29.13			
		4.36	2430	1944	1755	1620	1505	1254	1163	1034	997	24.64			
		5.11	2920	2336	2109	1947	1808	1507	1397	1243	1198	25.26			
		6.69	2070	1656	1495	1380	1282	1068	990	881	849	25.00	9800		
		8.40	2400	1920	1733	1600	1486	1239	1148	1021	985	25.00	10500		
2 KA-07	1500	10.05	4100	3280	2961	2733	2539	2116	1962	1745	1682	31.04	11600	5.5	132 FS
		10.97	4410	3528	3185	2940	2731	2276	2110	1877	1810	30.59			
		12.17	4240	3392	3062	2827	2625	2188	2029	1804	1740	26.50	12300		
		13.29	4240	3392	3062	2827	2625	2188	2029	1804	1740	24.28			
		15.09	4560	3648	3294	3040	2824	2354	2182	1940	1871	23.00	13300		
		16.74	4560	3648	3294	3040	2824	2354	2182	1940	1871	20.72			
		19.01	4560	3648	3294	3040	2824	2354	2182	1940	1871	18.25	14300		
		22.28	4560	3648	3294	3040	2824	2354	2182	1940	1871	18.00			
		26.11	4370	3496	3156	2913	2706	2255	2091	1860	1793	18.00	15800		
		29.17	5120	4096	3698	3413	3170	2643	2450	2179	2101	18.00			
		34.19	5000	4000	3611	3333	3096	2581	2392	2128	2052	18.00	17000		
		42.92	5000	4000	3611	3333	3096	2581	2392	2128	2052	16.11	18800		
		44.76	3540	2832	2557	2360	2192	1827	1694	1506	1453	10.94			
		56.20	3540	2832	2557	2360	2192	1827	1694	1506	1453	8.71	19800		
3 KA-07	1500	59.76	5000	4000	3611	3333	3096	2581	2392	2128	2052	8.67	20000	2.2	100 FS
		71.92	5000	4000	3611	3333	3096	2581	2392	2128	2052	7.20			
		81.91	5210	4168	3763	3473	3226	2689	2493	2217	2138	6.59			
		90.91	5210	4168	3763	3473	3226	2689	2493	2217	2138	5.94			
		99.75	5000	4000	3611	3333	3096	2581	2392	2128	2052	5.19			
		111.42	5210	4168	3763	3473	3226	2689	2493	2217	2138	4.84			
		125.69	5640	4512	4074	3760	3492	2911	2699	2400	2314	4.65			
		141.79	5000	4000	3611	3333	3096	2581	2392	2128	2052	3.65			
		158.38	5210	4168	3763	3473	3226	2689	2493	2217	2138	3.50			
		184.97	5430	4344	3922	3620	3362	2803	2598	2311	2228	3.50			
		198.72	3540	2832	2557	2360	2192	1827	1694	1506	1453	3.50			
		232.24	5430	4344	3922	3620	3362	2803	2598	2311	2228	3.46			
		246.14	5000	4000	3611	3333	3096	2581	2392	2128	2052	3.01			
		263.69	5210	4168	3763	3473	3226	2689	2493	2217	2138	2.92			
		309.05	5000	4000	3611	3333	3096	2581	2392	2128	2052	2.39			
		322.24	3540	2832	2557	2360	2192	1827	1694	1506	1453	1.63			
		404.61	3540	2832	2557	2360	2192	1827	1694	1506	1453	1.29			
4 KA-07	1500	450.29	5210	4168	3763	3473	3226	2689	2493	2217	2138	1.44	20000	0.75	80 FS
		500.63	5210	4168	3763	3473	3226	2689	2493	2217	2138	1.29			
		550.98	5000	4000	3611	3333	3096	2581	2392	2128	2052	1.13			
		598.49	5000	4000	3611	3333	3096	2581	2392	2128	2052	1.04			
		651.70	5210	4168	3763	3473	3226	2689	2493	2217	2138	1.00			
		695.63	5000	4000	3611	3333	3096	2581	2392	2128	2052	1.00			
		754.14	5640	4512	4074	3760	3492	2911	2699	2400	2314	1.00			
		804.87	5000	4000	3611	3333	3096	2581	2392	2128	2052	0.96			
		850.73	5000	4000	3611	3333	3096	2581	2392	2128	2052	0.91			
		900.30	5000	4000	3611	3333	3096	2581	2392	2128	2052	0.86			
		999.97	5640	4512	4074	3760	3492	2911	2699	2400	2314	0.88			
		1128.04	5000	4000	3611	3333	3096	2581	2392	2128	2052	0.69			
		1260.07	5210	4168	3763	3473	3226	2689	2493	2217	2138	0.64			
		1476.83	5000	4000	3611	3333	3096	2581	2392	2128	2052	0.53			
		1582.16	5210	4168	3763	3473	3226	2689	2493	2217	2138	0.51			
		1854.32	5000	4000	3611	3333	3096	2581	2392	2128	2052	0.42			
		1962.36	3540	2832	2557	2360	2192	1827	1694	1506	1453	0.28			
		2427.67	3540	2832	2557	2360	2192	1827	1694	1506	1453	0.23			
		3048.19	3420	2736	2470	2280	2118	1765	1636	1455	1403	0.17			

KT-08 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KT-08	1500	3.17	2900	2320	2095	1933	1796	1497	1388	1234	1190	40.45	8500	22	180 FS
		3.46	3200	2560	2311	2133	1981	1652	1531	1362	1313	40.89			
		3.84	3090	2472	2232	2060	1913	1595	1478	1315	1268	35.58			
		4.36	3600	2880	2600	2400	2229	1858	1722	1532	1477	36.50			
		5.11	3450	2760	2492	2300	2136	1781	1651	1468	1416	29.85			
		6.69	3060	2448	2210	2040	1895	1579	1464	1302	1256	29.00	9000		
		8.40	3550	2840	2564	2367	2198	1832	1699	1511	1457	29.00	9700		
2 KT-08	1500	10.05	6070	4856	4384	4047	3759	3133	2904	2583	2491	45.96	10700	7.5	132 FS
		10.97	5850	4680	4225	3900	3622	3019	2799	2489	2400	40.58			
		12.17	6280	5024	4536	4187	3889	3241	3005	2672	2577	39.25	11400		
		13.29	6280	5024	4536	4187	3889	3241	3005	2672	2577	35.96			
		15.09	6040	4832	4363	4027	3740	3117	2890	2570	2478	30.46	12250		
		16.74	6040	4832	4363	4027	3740	3117	2890	2570	2478	27.45			
		19.01	6750	5400	4875	4500	4180	3484	3230	2872	2770	27.02	13200		
		22.28	6750	5400	4875	4500	4180	3484	3230	2872	2770	23.05			
		26.11	6480	5184	4680	4320	4012	3345	3100	2757	2659	18.88	14500		
		29.17	6750	5400	4875	4500	4180	3484	3230	2872	2770	17.61			
		34.19	7400	5920	5345	4933	4582	3819	3541	3149	3037	16.47	15500		
		42.92	7400	5920	5345	4933	4582	3819	3541	3149	3037	13.12	16600		
		44.76	5250	4200	3792	3500	3251	2710	2512	2234	2154	8.93			
		56.20	5250	4200	3792	3500	3251	2710	2512	2234	2154	8.90	18300		
3 KT-08	1500	59.76	7400	5920	5345	4933	4582	3819	3541	3149	3037	12.83	20900	3.7	112 FS
		71.92	7400	5920	5345	4933	4582	3819	3541	3149	3037	10.66			
		81.91	7720	6176	5576	5147	4780	3985	3694	3285	3168	9.76			
		90.91	7720	6176	5576	5147	4780	3985	3694	3285	3168	8.80			
		99.75	7400	5920	5345	4933	4582	3819	3541	3149	3037	7.69			
		111.42	7720	6176	5576	5147	4780	3985	3694	3285	3168	7.18	22000		
		125.69	8360	6688	6038	5573	5176	4315	4000	3557	3430	6.89			
		141.79	7400	5920	5345	4933	4582	3819	3541	3149	3037	5.41			
		158.38	7720	6176	5576	5147	4780	3985	3694	3285	3168	5.50			
		184.97	8040	6432	5807	5360	4978	4150	3847	3421	3299	5.50			
		198.72	5250	4200	3792	3500	3251	2710	2512	2234	2154	3.91			
		232.24	8040	6432	5807	5360	4978	4150	3847	3421	3299	5.12			
		246.14	7400	5920	5345	4933	4582	3819	3541	3149	3037	4.45			
		263.69	7720	6176	5576	5147	4780	3985	3694	3285	3168	4.33			
		309.05	7400	5920	5345	4933	4582	3819	3541	3149	3037	3.54			
		322.24	5250	4200	3792	3500	3251	2710	2512	2234	2154	2.41			
		404.61	5250	4200	3792	3500	3251	2710	2512	2234	2154	1.92			
4 KT-08	1500	450.29	7720	6176	5576	5147	4780	3985	3694	3285	3168	2.13	22000	0.75	80 FS
		500.63	7720	6176	5576	5147	4780	3985	3694	3285	3168	1.91			
		550.98	7400	5920	5345	4933	4582	3819	3541	3149	3037	1.67			
		598.49	7400	5920	5345	4933	4582	3819	3541	3149	3037	1.54			
		651.70	7720	6176	5576	5147	4780	3985	3694	3285	3168	1.47			
		695.63	7400	5920	5345	4933	4582	3819	3541	3149	3037	1.32			
		754.14	8360	6688	6038	5573	5176	4315	4000	3557	3430	1.38			
		804.87	7400	5920	5345	4933	4582	3819	3541	3149	3037	1.14			
		850.73	7400	5920	5345	4933	4582	3819	3541	3149	3037	1.08			
		900.30	7400	5920	5345	4933	4582	3819	3541	3149	3037	1.02			
		999.97	8360	6688	6038	5573	5176	4315	4000	3557	3430	1.02			
		1128.04	7400	5920	5345	4933	4582	3819	3541	3149	3037	1.02			
		1260.07	7720	6176	5576	5147	4780	3985	3694	3285	3168	0.95			
		1476.83	7400	5920	5345	4933	4582	3819	3541	3149	3037	0.78			
		1582.16	7720	6176	5576	5147	4780	3985	3694	3285	3168	0.76			
		1854.32	7400	5920	5345	4933	4582	3819	3541	3149	3037	0.62			
		1962.36	7000	5600	5056	4667	4334	3613	3349	2979	2872	0.55			
		2427.67	5250	4200	3792	3500	3251	2710	2512	2234	2154	0.34			
		3048.19	5070	4056	3662	3380	3139	2617	2426	2157	2080	0.26			

KT-09 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KT-09	1500	3.17	4250	3400	3070	2833	2632	2194	2033	1809	1744	59.27	8100	30	200 FS
		3.46	4690	3752	3388	3127	2904	2421	2244	1996	1924	59.93			
		3.84	5200	4160	3756	3467	3220	2684	2488	2213	2134	59.87			
		4.36	5000	4000	3611	3333	3096	2581	2392	2128	2052	50.70			
		5.11	5810	4648	4196	3873	3598	2999	2780	2472	2384	50.27			
		6.69	5150	4120	3720	3433	3189	2658	2464	2191	2113	50.00	8600		
		8.40	4970	3976	3590	3313	3077	2565	2378	2115	2039	50.00	9300		
2 KT-09	1500	10.05	10200	8160	7367	6800	6316	5265	4880	4340	4185	77.23	10250	15	160 FS
		10.97	9830	7864	7100	6553	6087	5074	4703	4183	4034	68.19			
		12.17	9450	7560	6826	6300	5851	4877	4522	4021	3878	59.07	10900		
		13.29	9450	7560	6826	6300	5851	4877	4522	4021	3878	54.12			
		15.09	10140	8112	7324	6760	6279	5234	4852	4315	4161	51.14	11700		
		16.74	10140	8112	7324	6760	6279	5234	4852	4315	4161	46.08			
		19.01	10140	8112	7324	6760	6279	5234	4852	4315	4161	40.59	12600		
		22.28	11350	9080	8198	7567	7028	5858	5431	4830	4657	38.76			
		26.11	10890	8712	7866	7260	6743	5621	5211	4634	4469	31.73	13900		
		29.17	11350	9080	8198	7567	7028	5858	5431	4830	4657	30.00			
		34.19	10890	8712	7866	7260	6743	5621	5211	4634	4469	30.00	14800		
		42.92	12000	9600	8667	8000	7430	6194	5742	5106	4924	30.00	16600		
		44.76	8820	7056	6371	5880	5461	4552	4220	3753	3619	27.26	17500		
		56.20	8820	7056	6371	5880	5461	4552	4220	3753	3619	21.71			
3 KT-09	1500	60.26	12000	9600	8667	8000	7430	6194	5742	5106	4924	20.63	17500	5.5	112 FS
		73.00	12000	9600	8667	8000	7430	6194	5742	5106	4924	17.03	18700		
		82.78	12000	9600	8667	8000	7430	6194	5742	5106	4924	15.02	21300		
		90.35	12000	9600	8667	8000	7430	6194	5742	5106	4924	13.76			
		100.27	12000	9600	8667	8000	7430	6194	5742	5106	4924	12.40			
		113.85	12000	9600	8667	8000	7430	6194	5742	5106	4924	10.92			
		127.17	12000	9600	8667	8000	7430	6194	5742	5106	4924	10.00			
		140.64	12000	9600	8667	8000	7430	6194	5742	5106	4924	10.00			
		159.68	12000	9600	8667	8000	7430	6194	5742	5106	4924	10.00			
		174.69	12000	9600	8667	8000	7430	6194	5742	5106	4924	10.00			
		195.14	12000	9600	8667	8000	7430	6194	5742	5106	4924	9.10			
		228.70	12000	9600	8667	8000	7430	6194	5742	5106	4924	7.77			
		245.01	12000	9600	8667	8000	7430	6194	5742	5106	4924	7.25			
		287.16	12000	9600	8667	8000	7430	6194	5742	5106	4924	6.18			
		299.42	8820	7056	6371	5880	5461	4552	4220	3753	3619	4.36			
		375.95	8820	7056	6371	5880	5461	4552	4220	3753	3619	3.47			
		472.05	8820	7056	6371	5880	5461	4552	4220	3753	3619	2.77			
4 KT-09	1500	501.47	12000	9600	8667	8000	7430	6194	5742	5106	4924	2.97	21300	2.2	100 FS
		555.03	12000	9600	8667	8000	7430	6194	5742	5106	4924	2.68			
		596.75	12000	9600	8667	8000	7430	6194	5742	5106	4924	2.50			
		650.50	12000	9600	8667	8000	7430	6194	5742	5106	4924	2.50			
		699.40	12000	9600	8667	8000	7430	6194	5742	5106	4924	2.50			
		745.42	12000	9600	8667	8000	7430	6194	5742	5106	4924	2.50			
		806.45	12000	9600	8667	8000	7430	6194	5742	5106	4924	2.31			
		851.64	12000	9600	8667	8000	7430	6194	5742	5106	4924	2.19			
		915.65	12000	9600	8667	8000	7430	6194	5742	5106	4924	2.03			
		1015.4	12000	9600	8667	8000	7430	6194	5742	5106	4924	1.83			
		1115.0	12000	9600	8667	8000	7430	6194	5742	5106	4924	1.67			
		1257.8	12000	9600	8667	8000	7430	6194	5742	5106	4924	1.48			
		1405.0	12000	9600	8667	8000	7430	6194	5742	5106	4924	1.33			
		1625.8	8820	7056	6371	5880	5461	4552	4220	3753	3619	0.84			
		1764.1	12000	9600	8667	8000	7430	6194	5742	5106	4924	1.06			
		2067.6	12000	9600	8667	8000	7430	6194	5742	5106	4924	0.90			
		2215.0	12000	9600	8667	8000	7430	6194	5742	5106	4924	0.84			
		2596.0	12000	9600	8667	8000	7430	6194	5742	5106	4924	0.72			
		2706.8	8820	7056	6371	5880	5461	4552	4220	3753	3619	0.51			
		3398.7	8820	7056	6371	5880	5461	4552	4220	3753	3619	0.40			
		4267.5	8520	6816	6154	5680	5276	4397	4077	3626	3496	0.31			

KT-10 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KT-10	1500	3.38	6610	5288	4774	4407	4093	3412	3163	2813	2712	86.46	23350	55	250 FS
		3.82	7230	5784	5222	4820	4477	3732	3459	3077	2967	83.68			
		4.44	7930	6344	5728	5287	4910	4093	3794	3374	3254	78.96			
		5.43	9140	7312	6602	6093	5659	4717	4373	3889	3751	74.42			
		7.20	8120	6496	5865	5413	5028	4191	3885	3455	3332	74.00	24800		
2 KT-10	1500	10.71	13210	10568	9541	8807	8180	6818	6321	5621	5421	93.81	29500	22	180 FS
		12.11	15150	12120	10943	10100	9381	7819	7249	6447	6217	95.19	31200		
		13.22	15150	12120	10943	10100	9381	7819	7249	6447	6217	87.21			
		15.36	14410	11528	10408	9607	8923	7437	6895	6132	5913	71.37	33700		
		17.05	16100	12880	11629	10733	9969	8310	7703	6851	6606	71.85			
		19.36	16100	12880	11629	10733	9969	8310	7703	6851	6606	63.28	36250		
		20.85	15310	12248	11058	10207	9480	7902	7325	6515	6282	55.87			
		23.67	17140	13712	12380	11427	10613	8846	8201	7294	7033	55.09			
		27.75	17140	13712	12380	11427	10613	8846	8201	7294	7033	47.00	40050		
		32.09	18950	15160	13687	12633	11734	9781	9067	8064	7776	44.93	43000		
		36.33	17140	13712	12380	11427	10613	8846	8201	7294	7033	45.00	45800		
		45.61	19580	15664	14142	13053	12124	10106	9368	8332	8034	45.00	47700		
		48.17	13910	11128	10047	9273	8613	7179	6656	5919	5708	39.95			
3 KT-10	1500	53.15	20590	16472	14872	13727	12749	10627	9852	8762	8449	40.13	53500	7.5	132 FS
		58.99	20590	16472	14872	13727	12749	10627	9852	8762	8449	36.16			
		66.98	20590	16472	14872	13727	12749	10627	9852	8762	8449	31.85			
		78.50	20590	16472	14872	13727	12749	10627	9852	8762	8449	27.17	57500		
		87.12	20590	16472	14872	13727	12749	10627	9852	8762	8449	24.48			
		98.92	20590	16472	14872	13727	12749	10627	9852	8762	8449	21.56			
		114.06	20590	16472	14872	13727	12749	10627	9852	8762	8449	18.70	61000		
		120.98	19580	15664	14142	13053	12124	10106	9368	8332	8034	16.77			
		143.22	20590	16472	14872	13727	12749	10627	9852	8762	8449	15.00			
		162.61	20590	16472	14872	13727	12749	10627	9852	8762	8449	15.00			
		175.15	19580	15664	14142	13053	12124	10106	9368	8332	8034	15.00			
		198.72	20590	16472	14872	13727	12749	10627	9852	8762	8449	15.00			
		214.67	21650	17320	15637	14433	13406	11174	10359	9213	8884	14.93			
		249.51	20590	16472	14872	13727	12749	10627	9852	8762	8449	12.21			
		269.54	21650	17320	15637	14433	13406	11174	10359	9213	8884	11.89			
		305.14	19580	15664	14142	13053	12124	10106	9368	8332	8034	9.50			
		383.14	19580	15664	14142	13053	12124	10106	9368	8332	8034	7.56			
		404.61	13910	11128	10047	9273	8613	7179	6656	5919	5708	5.09			
4 KT-10	1500	442.88	20590	16472	14872	13727	12749	10627	9852	8762	8449	5.77	61000	3.7	112 FS
		494.72	20590	16472	14872	13727	12749	10627	9852	8762	8449	5.17			
		537.14	20590	16472	14872	13727	12749	10627	9852	8762	8449	4.76			
		607.70	20590	16472	14872	13727	12749	10627	9852	8762	8449	4.76			
		629.54	19580	15664	14142	13053	12124	10106	9368	8332	8034	4.76			
		709.10	21650	17320	15637	14433	13406	11174	10359	9213	8884	4.74			
		739.98	20590	16472	14872	13727	12749	10627	9852	8762	8449	4.32			
		802.25	21650	17320	15637	14433	13406	11174	10359	9213	8884	4.19			
		834.75	20590	16472	14872	13727	12749	10627	9852	8762	8449	3.83			
		860.03	19580	15664	14142	13053	12124	10106	9368	8332	8034	3.53			
		1004.4	19580	15664	14142	13053	12124	10106	9368	8332	8034	3.03			
		1079.0	19580	15664	14142	13053	12124	10106	9368	8332	8034	2.82			
		1231.0	21650	17320	15637	14433	13406	11174	10359	9213	8884	2.73			
		1336.5	19580	15664	14142	13053	12124	10106	9368	8332	8034	2.27			
		1545.6	21650	17320	15637	14433	13406	11174	10359	9213	8884	2.17			
		1796.5	20590	16472	14872	13727	12749	10627	9852	8762	8449	1.78			
		2080.5	19580	15664	14142	13053	12124	10106	9368	8332	8034	1.46			
		2197.0	19580	15664	14142	13053	12124	10106	9368	8332	8034	1.38			
		2758.6	19580	15664	14142	13053	12124	10106	9368	8332	8034	1.10			
		2913.2	13910	11128	10047	9273	8613	7179	6656	5919	5708	0.74			

KT-11 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KT-11	1500	3.80	11030	8824	7967	7353	6830	5693	5278	4694	4526	128.33	23350	75	280 FS
		4.50	12050	9640	8704	8033	7461	6219	5766	5128	4945	118.39			
		5.66	13780	11024	9953	9187	8533	7112	6593	5864	5654	107.64			
2 KT-11	1500	12.05	19270	15416	13918	12847	11932	9946	9220	8200	7907	121.72	31200	30	180 FS
		13.15	19270	15416	13918	12847	11932	9946	9220	8200	7907	111.52			
		15.57	18260	14608	13189	12173	11307	9425	8737	7770	7493	89.23	33700		
		17.28	24500	19600	17696	16333	15170	12645	11722	10426	10053	107.88			
		19.62	24500	19600	17696	16333	15170	12645	11722	10426	10053	95.01			
		21.73	24500	19600	17696	16333	15170	12645	11722	10426	10053	85.77	36250		
		24.68	24500	19600	17696	16333	15170	12645	11722	10426	10053	75.54			
		28.92	24500	19600	17696	16333	15170	12645	11722	10426	10053	64.45	40050		
		31.92	24500	19600	17696	16333	15170	12645	11722	10426	10053	58.40	43000		
		37.87	24500	19600	17696	16333	15170	12645	11722	10426	10053	58.00	45800		
		47.54	24500	19600	17696	16333	15170	12645	11722	10426	10053	58.00	47700		
3 KT-11	1500	53.87	24500	19600	17696	16333	15170	12645	11722	10426	10053	47.11	50400	15	160 FS
		59.79	24500	19600	17696	16333	15170	12645	11722	10426	10053	42.45			
		67.89	24500	19600	17696	16333	15170	12645	11722	10426	10053	37.39	53500		
		79.56	24500	19600	17696	16333	15170	12645	11722	10426	10053	31.90	57500		
		88.30	24500	19600	17696	16333	15170	12645	11722	10426	10053	28.74			
		100.26	24500	19600	17696	16333	15170	12645	11722	10426	10053	28.70			
		115.60	24500	19600	17696	16333	15170	12645	11722	10426	10053	28.70			
		126.10	24500	19600	17696	16333	15170	12645	11722	10426	10053	28.75			
		145.40	24500	19600	17696	16333	15170	12645	11722	10426	10053	24.94			
		164.81	24500	19600	17696	16333	15170	12645	11722	10426	10053	22.00			
		182.57	24500	19600	17696	16333	15170	12645	11722	10426	10053	19.86	61000		
		201.40	24500	19600	17696	16333	15170	12645	11722	10426	10053	18.00			
		213.54	24500	19600	17696	16333	15170	12645	11722	10426	10053	16.98			
		252.88	24500	19600	17696	16333	15170	12645	11722	10426	10053	14.34			
		268.13	24500	19600	17696	16333	15170	12645	11722	10426	10053	13.52			
		318.07	24500	19600	17696	16333	15170	12645	11722	10426	10053	11.40			
		399.37	24500	19600	17696	16333	15170	12645	11722	10426	10053	9.08			
4 KT-11	1500	451.22	24500	19600	17696	16333	15170	12645	11722	10426	10053	6.74	61000	5.5	132 FS
		498.84	24500	19600	17696	16333	15170	12645	11722	10426	10053	6.10			
		557.38	24500	19600	17696	16333	15170	12645	11722	10426	10053	6.10			
		600.45	24500	19600	17696	16333	15170	12645	11722	10426	10053	6.33			
		644.38	24500	19600	17696	16333	15170	12645	11722	10426	10053	5.90			
		696.85	24500	19600	17696	16333	15170	12645	11722	10426	10053	5.46			
		741.73	24500	19600	17696	16333	15170	12645	11722	10426	10053	5.13			
		801.64	24500	19600	17696	16333	15170	12645	11722	10426	10053	4.74			
		842.17	24500	19600	17696	16333	15170	12645	11722	10426	10053	4.52			
		903.79	24500	19600	17696	16333	15170	12645	11722	10426	10053	4.21			
		1029.2	24500	19600	17696	16333	15170	12645	11722	10426	10053	3.69			
		1104.5	24500	19600	17696	16333	15170	12645	11722	10426	10053	3.44			
		1241.5	24500	19600	17696	16333	15170	12645	11722	10426	10053	3.06			
		1428.6	24500	19600	17696	16333	15170	12645	11722	10426	10053	2.66			
		1625.3	24500	19600	17696	16333	15170	12645	11722	10426	10053	2.34			
		1793.8	24500	19600	17696	16333	15170	12645	11722	10426	10053	2.12			
		2040.8	24500	19600	17696	16333	15170	12645	11722	10426	10053	1.86			
		2127.9	24500	19600	17696	16333	15170	12645	11722	10426	10053	1.79			
		2671.8	24500	19600	17696	16333	15170	12645	11722	10426	10053	1.42			

KT-12 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KT-12	1500	3.80	18150	14520	13109	12100	11238	9368	8684	7723	7448	211.17	30000	110	280 FS
		4.50	19840	15872	14330	13227	12285	10240	9493	8443	8141	194.92			
		5.66	22680	18144	16381	15120	14043	11706	10852	9651	9307	177.16	31800		
2KT-12	1500	14.52	38000	30400	27447	25333	23529	19613	18182	16170	15593	199.18	42300	55	250 FS
		17.19	36060	28848	26046	24040	22328	18612	17254	15345	14797	159.61	45300		
		19.98	38000	30400	27447	25333	23529	19613	18182	16170	15593	144.71	49300		
		20.63	38000	30400	27447	25333	23529	19613	18182	16170	15593	140.13			
		24.44	38000	30400	27447	25333	23529	19613	18182	16170	15593	118.33			
		30.73	38000	30400	27447	25333	23529	19613	18182	16170	15593	94.08	52000		
3KT-12	1500	46.02	38000	30400	27447	25333	23529	19613	18182	16170	15593	85.55	57900	22	180 FS
		50.23	38000	30400	27447	25333	23529	19613	18182	16170	15593	78.38	60700		
		59.48	38000	30400	27447	25333	23529	19613	18182	16170	15593	66.19	64000		
		69.13	38000	30400	27447	25333	23529	19613	18182	16170	15593	56.94			
		77.46	38000	30400	27447	25333	23529	19613	18182	16170	15593	50.82	68500		
		87.11	38000	30400	27447	25333	23529	19613	18182	16170	15593	45.19			
		102.10	38000	30400	27447	25333	23529	19613	18182	16170	15593	45.00	74700		
		115.00	38000	30400	27447	25333	23529	19613	18182	16170	15593	45.00			
		124.86	38000	30400	27447	25333	23529	19613	18182	16170	15593	45.00			
		138.04	38000	30400	27447	25333	23529	19613	18182	16170	15593	40.74			
		157.05	38000	30400	27447	25333	23529	19613	18182	16170	15593	35.81	77500		
		173.33	38000	30400	27447	25333	23529	19613	18182	16170	15593	32.45			
		205.25	38000	30400	27447	25333	23529	19613	18182	16170	15593	27.40			
		229.82	38000	30400	27447	25333	23529	19613	18182	16170	15593	24.47			
		258.16	38000	30400	27447	25333	23529	19613	18182	16170	15593	21.78			
		272.16	38000	30400	27447	25333	23529	19613	18182	16170	15593	20.66			
		342.32	38000	30400	27447	25333	23529	19613	18182	16170	15593	16.43			
4 KT-12	1500	268.01	38000	30400	27447	25333	23529	19613	18182	16170	15593	17.61	77500	7.5	132 FS
		297.44	38000	30400	27447	25333	23529	19613	18182	16170	15593	15.86			
		334.51	38000	30400	27447	25333	23529	19613	18182	16170	15593	14.11			
		372.91	38000	30400	27447	25333	23529	19613	18182	16170	15593	14.00			
		397.90	38000	30400	27447	25333	23529	19613	18182	16170	15593	14.00			
		432.03	38000	30400	27447	25333	23529	19613	18182	16170	15593	13.65			
		501.40	38000	30400	27447	25333	23529	19613	18182	16170	15593	11.76			
		530.08	38000	30400	27447	25333	23529	19613	18182	16170	15593	11.13			
		582.78	38000	30400	27447	25333	23529	19613	18182	16170	15593	10.12			
		627.73	38000	30400	27447	25333	23529	19613	18182	16170	15593	9.40			
		683.03	38000	30400	27447	25333	23529	19613	18182	16170	15593	8.64			
		712.73	38000	30400	27447	25333	23529	19613	18182	16170	15593	8.28			
		815.74	38000	30400	27447	25333	23529	19613	18182	16170	15593	7.23			
		894.23	38000	30400	27447	25333	23529	19613	18182	16170	15593	6.60			
		991.35	38000	30400	27447	25333	23529	19613	18182	16170	15593	5.95			
		1122.80	38000	30400	27447	25333	23529	19613	18182	16170	15593	5.25			
		1159.55	38000	30400	27447	25333	23529	19613	18182	16170	15593	5.09			
		1319.22	38000	30400	27447	25333	23529	19613	18182	16170	15593	4.47			
		1455.94	38000	30400	27447	25333	23529	19613	18182	16170	15593	4.05			
		1537.52	38000	30400	27447	25333	23529	19613	18182	16170	15593	3.84			
		1749.24	38000	30400	27447	25333	23529	19613	18182	16170	15593	3.37			
		1930.52	38000	30400	27447	25333	23529	19613	18182	16170	15593	3.06			
		2168.58	38000	30400	27447	25333	23529	19613	18182	16170	15593	2.72			
		2290.10	38000	30400	27447	25333	23529	19613	18182	16170	15593	2.58			
		2875.46	38000	30400	27447	25333	23529	19613	18182	16170	15593	2.05			

KT-13 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KT-13	1500	3.60	27050	21640	19538	18033	16749	13961	12943	11511	11100	332.2	32000	165	315 FS
		4.25	29230	23384	21112	19487	18099	15086	13986	12438	11994	304.1			
		5.33	31720	25376	22911	21147	19641	16372	15177	13498	13016	263.1			
2 KT-13	1500	13.68	50000	40000	36114	33333	30960	25806	23923	21277	20517	278.10	45400	75	250 FS
		16.15	50000	40000	36114	33333	30960	25806	23923	21277	20517	235.57	48650		
		19.13	50000	40000	36114	33333	30960	25806	23923	21277	20517	198.92	52000		
		20.38	50000	40000	36114	33333	30960	25806	23923	21277	20517	186.71			
		24.06	50000	40000	36114	33333	30960	25806	23923	21277	20517	158.15			
		30.17	50000	40000	36114	33333	30960	25806	23923	21277	20517	126.11	56600		
3 KT-13	1500	43.37	50000	40000	36114	33333	30960	25806	23923	21277	20517	119.44	66600	30	200 FS
		47.33	50000	40000	36114	33333	30960	25806	23923	21277	20517	109.43			
		55.88	50000	40000	36114	33333	30960	25806	23923	21277	20517	92.70	89700		
		66.17	50000	40000	36114	33333	30960	25806	23923	21277	20517	78.28	73700		
		76.25	50000	40000	36114	33333	30960	25806	23923	21277	20517	67.93	79000		
		83.39	50000	40000	36114	33333	30960	25806	23923	21277	20517	62.12			
		97.73	50000	40000	36114	33333	30960	25806	23923	21277	20517	53.00			
		108.04	50000	40000	36114	33333	30960	25806	23923	21277	20517	53.00	86000		
		122.92	50000	40000	36114	33333	30960	25806	23923	21277	20517	53.00			
		136.32	50000	40000	36114	33333	30960	25806	23923	21277	20517	53.00			
		154.16	50000	40000	36114	33333	30960	25806	23923	21277	20517	48.00	96840		
		171.16	50000	40000	36114	33333	30960	25806	23923	21277	20517	43.23			
		202.06	50000	40000	36114	33333	30960	25806	23923	21277	20517	36.62	103800		
		253.41	50000	40000	36114	33333	30960	25806	23923	21277	20517	29.20	131300		
4 KT-13	1500	263.84	50000	40000	36114	33333	30960	25806	23923	21277	20517	23.53	131300	15	160 FS
		292.82	50000	40000	36114	33333	30960	25806	23923	21277	20517	23.50			
		320.20	50000	40000	36114	33333	30960	25806	23923	21277	20517	23.50	16930		
		351.43	50000	40000	36114	33333	30960	25806	23923	21277	20517	22.08			
		373.83	50000	40000	36114	33333	30960	25806	23923	21277	20517	20.76	127800		
		425.31	50000	40000	36114	33333	30960	25806	23923	21277	20517	18.25			
		471.07	50000	40000	36114	33333	30960	25806	23923	21277	20517	16.47			
		523.45	50000	40000	36114	33333	30960	25806	23923	21277	20517	14.83	139500		
		557.85	50000	40000	36114	33333	30960	25806	23923	21277	20517	13.91			
		617.96	50000	40000	36114	33333	30960	25806	23923	21277	20517	12.56			
		653.81	50000	40000	36114	33333	30960	25806	23923	21277	20517	11.87			
		701.65	50000	40000	36114	33333	30960	25806	23923	21277	20517	11.06			
		768.76	50000	40000	36114	33333	30960	25806	23923	21277	20517	10.10	141000		
		855.96	50000	40000	36114	33333	30960	25806	23923	21277	20517	9.07			
		973.09	50000	40000	36114	33333	30960	25806	23923	21277	20517	7.98			
		1074.7	50000	40000	36114	33333	30960	25806	23923	21277	20517	7.22			
		1145.0	50000	40000	36114	33333	30960	25806	23923	21277	20517	6.78			
		1294.9	50000	40000	36114	33333	30960	25806	23923	21277	20517	5.99			
		1437.7	50000	40000	36114	33333	30960	25806	23923	21277	20517	5.40			
		1695.3	50000	40000	36114	33333	30960	25806	23923	21277	20517	4.58			
		2128.64	50000	40000	36114	33333	30960	25806	23923	21277	20517	3.65			

KT-135 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KT-135	1500	3.60	31108	24886	22468	20738	19262	16055	14884	13237	12765	382.0	32000	200	315 FS
		4.25	33615	26892	24279	22410	20814	17349	16083	14304	13793	349.7			
		5.33	36478	29182	26347	24319	22587	18827	17454	15523	14968	302.6			
2 KT-135	1500	13.68	65000	52000	46948	43333	40248	33548	31100	27660	26672	361.53	45400	110	280 FS
		16.15	65000	52000	46948	43333	40248	33548	31100	27660	26672	306.24	48650		
		19.13	65000	52000	46948	43333	40248	33548	31100	27660	26672	258.60	52000		
		20.38	65000	52000	46948	43333	40248	33548	31100	27660	26672	242.72			
		24.06	65000	52000	46948	43333	40248	33548	31100	27660	26672	205.60			
		30.17	65000	52000	46948	43333	40248	33548	31100	27660	26672	163.94	56600		
3 KT-135	1500	46.24	77000	61600	55616	51333	47678	39742	36842	32766	31596	172.51	66600	55	225 FS
		52.25	77000	61600	55616	51333	47678	39742	36842	32766	31596	152.67			
		54.75	77000	61600	55616	51333	47678	39742	36842	32766	31596	145.70	89700		
		60.74	77000	61600	55616	51333	47678	39742	36842	32766	31596	131.33	73700		
		68.88	77000	61600	55616	51333	47678	39742	36842	32766	31596	115.81	79000		
		71.92	77000	61600	55616	51333	47678	39742	36842	32766	31596	110.91			
		74.28	77000	61600	55616	51333	47678	39742	36842	32766	31596	107.39			
		77.83	77000	61600	55616	51333	47678	39742	36842	32766	31596	53.00	86000		
		87.96	77000	61600	55616	51333	47678	39742	36842	32766	31596	53.00			
		90.46	77000	61600	55616	51333	47678	39742	36842	32766	31596	53.00			
		98.50	77000	61600	55616	51333	47678	39742	36842	32766	31596	115.69	96840		
		110.64	77000	61600	55616	51333	47678	39742	36842	32766	31596	103.00			
		116.64	77000	61600	55616	51333	47678	39742	36842	32766	31596	97.70	103800		
		146.70	77000	61600	55616	51333	47678	39742	36842	32766	31596	77.68			
4 KT-135	1500	159.98	77000	61600	55616	51333	47678	39742	36842	32766	31596	59.76	131300	22	180 FS
		177.55	77000	61600	55616	51333	47678	39742	36842	32766	31596	23.50	16930		
		192.54	77000	61600	55616	51333	47678	39742	36842	32766	31596	23.50			
		201.60	77000	61600	55616	51333	47678	39742	36842	32766	31596	59.28			
		210.16	77000	61600	55616	51333	47678	39742	36842	32766	31596	56.87	127800		
		227.84	77000	61600	55616	51333	47678	39742	36842	32766	31596	52.46			
		235.47	77000	61600	55616	51333	47678	39742	36842	32766	31596	50.76			
		257.02	77000	61600	55616	51333	47678	39742	36842	32766	31596	46.50	139500		
		267.04	77000	61600	55616	51333	47678	39742	36842	32766	31596	44.76			
		285.24	77000	61600	55616	51333	47678	39742	36842	32766	31596	41.90			
		310.38	77000	61600	55616	51333	47678	39742	36842	32766	31596	38.51			
		323.87	77000	61600	55616	51333	47678	39742	36842	32766	31596	36.90			
		340.80	77000	61600	55616	51333	47678	39742	36842	32766	31596	35.07	141000		
		349.60	77000	61600	55616	51333	47678	39742	36842	32766	31596	34.19			
		378.22	77000	61600	55616	51333	47678	39742	36842	32766	31596	31.60			
		406.3	77000	61600	55616	51333	47678	39742	36842	32766	31596	29.41			
		429.4	77000	61600	55616	51333	47678	39742	36842	32766	31596	27.83			
		496.9	77000	61600	55616	51333	47678	39742	36842	32766	31596	24.05			
		503.3	77000	61600	55616	51333	47678	39742	36842	32766	31596	27.83			
		658.9	77000	61600	55616	51333	47678	39742	36842	32766	31596	24.05			
		752.9	77000	61600	55616	51333	47678	39742	36842	32766	31596	23.75			
		882.5	77000	61600	55616	51333	47678	39742	36842	32766	31596	18.14			
		981.5	77000	61600	55616	51333	47678	39742	36842	32766	31596	15.87			
		1155.3	77000	61600	55616	51333	47678	39742	36842	32766	31596	13.54			

KT-14 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KT-14	1000	3.82	40000	32000	28891	26667	24768	20645	19139	17021	16414	462.9	64000	250	355 FS
		4.44	38120	30496	27533	25413	23604	19675	18239	16221	15642	379.6			
		5.43	46700	37360	33731	31133	28916	24103	22344	19872	19163	380.2			
2 KT-14	1500	14.52	90250	72200	65186	60167	55882	46581	43182	38404	37033	473.06	68000	110	280 FS
		17.19	90250	72200	65186	60167	55882	46581	43182	38404	37033	399.47	72500		
		19.98	85830	68664	61993	57220	53146	44299	41067	36523	35220	326.86	78000		
		21.62	108000	86400	78007	72000	66873	55742	51675	45957	44317	380.07			
		25.13	103000	82400	74395	68667	63777	53161	49282	43830	42265	311.86	85000		
		30.73	108000	86400	78007	72000	66873	55742	51675	45957	44317	267.38	89000		
3 KT-14	1500	55.45	108000	86400	78007	72000	66873	55742	51675	45957	44317	201.77	105000	55	225 FS
		64.45	108000	86400	78007	72000	66873	55742	51675	45957	44317	173.59			
		74.91	108000	86400	78007	72000	66873	55742	51675	45957	44317	149.35			
		78.82	108000	86400	78007	72000	66873	55742	51675	45957	44317	141.94	118000		
		88.71	108000	86400	78007	72000	66873	55742	51675	45957	44317	126.12			
		93.34	108000	86400	78007	72000	66873	55742	51675	45957	44317	119.86			
		108.49	108000	86400	78007	72000	66873	55742	51675	45957	44317	103.13	128000		
		117.40	108000	86400	78007	72000	66873	55742	51675	45957	44317	95.30			
		123.77	108000	86400	78007	72000	66873	55742	51675	45957	44317	95.00			
		132.68	108000	86400	78007	72000	66873	55742	51675	45957	44317	95.00			
		143.86	108000	86400	78007	72000	66873	55742	51675	45957	44317	95.00			
		155.67	108000	86400	78007	72000	66873	55742	51675	45957	44317	95.00	144000		
		166.88	108000	86400	78007	72000	66873	55742	51675	45957	44317	95.00			
		175.93	108000	86400	78007	72000	66873	55742	51675	45957	44317	90.85			
		180.94	108000	86400	78007	72000	66873	55742	51675	45957	44317	88.34			
		221.28	108000	86400	78007	72000	66873	55742	51675	45957	44317	72.23	155000		
4 KT-14	1500	208.16	108000	86400	78007	72000	66873	55742	51675	45957	44317	64.42	155000	22	180 FS
		227.20	108000	86400	78007	72000	66873	55742	51675	45957	44317	59.02			
		252.16	108000	86400	78007	72000	66873	55742	51675	45957	44317	53.18	169000		
		283.36	108000	86400	78007	72000	66873	55742	51675	45957	44317	47.33			
		306.94	108000	86400	78007	72000	66873	55742	51675	45957	44317	43.69			
		340.65	108000	86400	78007	72000	66873	55742	51675	45957	44317	43.70	178000		
		370.97	108000	86400	78007	72000	66873	55742	51675	45957	44317	43.70			
		390.01	108000	86400	78007	72000	66873	55742	51675	45957	44317	42.98			
		432.57	108000	86400	78007	72000	66873	55742	51675	45957	44317	38.75	191000		
		476.98	108000	86400	78007	72000	66873	55742	51675	45957	44317	35.14			
		524.00	108000	86400	78007	72000	66873	55742	51675	45957	44317	31.99			
		593.48	108000	86400	78007	72000	66873	55742	51675	45957	44317	28.25			
		624.46	108000	86400	78007	72000	66873	55742	51675	45957	44317	26.84	207000		
		678.01	108000	86400	78007	72000	66873	55742	51675	45957	44317	24.72			
		725.81	108000	86400	78007	72000	66873	55742	51675	45957	44317	23.10			
		785.43	98440	78752	71101	65627	60954	50808	47100	41889	40394	19.45			
		852.78	108000	86400	78007	72000	66873	55742	51675	45957	44317	19.66			
		887.64	108000	86400	78007	72000	66873	55742	51675	45957	44317	18.88			
		986.19	108000	86400	78007	72000	66873	55742	51675	45957	44317	17.00	223000		
		1116.5	108000	86400	78007	72000	66873	55742	51675	45957	44317	15.01			
		1146.2	108000	86400	78007	72000	66873	55742	51675	45957	44317	14.62			
		1401.8	108000	86400	78007	72000	66873	55742	51675	45957	44317	11.96			

KT-15 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KT-15	750	3.82	64800	51840	46804	43200	40124	33445	31005	27574	26590	750.0	90000	350	355 FS
		4.44	61600	49280	44493	41067	38142	31794	29474	26213	25277	613.4			
		5.43	66000	52800	47671	44000	40867	34065	31579	28085	27082	537.4			
2 KT-15	1000	13.75	116750	93400	84326	77833	72291	60258	55861	49681	47907	645.96	97600	165	315 FS
		16.24	116750	93400	84326	77833	72291	60258	55861	49681	47907	547.17	104000		
		18.87	138800	111040	100253	92533	85944	71639	66411	59064	56955	559.67	112000		
		20.36	145900	116720	105381	97267	90341	75303	69809	62085	59869	545.23			
		23.67	166500	133200	120260	111000	103096	85935	79665	70851	68322	535.33			
		28.94	158000	126400	114121	105333	97833	81548	75598	67234	64834	415.38	122000		
3 KT-15	1500	52.26	198000	158400	143012	132000	122601	102194	94737	84255	81247	392.52	150000	75	280 FS
		60.74	198000	158400	143012	132000	122601	102194	94737	84255	81247	337.71	158000		
		71.93	198000	158400	143012	132000	122601	102194	94737	84255	81247	285.17			
		77.84	198000	158400	143012	132000	122601	102194	94737	84255	81247	263.53	169000		
		84.92	198000	158400	143012	132000	122601	102194	94737	84255	81247	241.56			
		91.89	198000	158400	143012	132000	122601	102194	94737	84255	81247	223.22			
		106.80	198000	158400	143012	132000	122601	102194	94737	84255	81247	192.05	184000		
		115.24	198000	158400	143012	132000	122601	102194	94737	84255	81247	177.99			
		130.62	198000	158400	143012	132000	122601	102194	94737	84255	81247	157.04			
		133.95	198000	158400	143012	132000	122601	102194	94737	84255	81247	153.14			
		163.81	198000	158400	143012	132000	122601	102194	94737	84255	81247	125.22	209000		
4 KT-15	1500	195.57	198000	158400	143012	132000	122601	102194	94737	84255	81247	125.72	223000	30	200 FS
		213.46	198000	158400	143012	132000	122601	102194	94737	84255	81247	115.18			
		236.90	198000	158400	143012	132000	122601	102194	94737	84255	81247	103.78			
		267.04	198000	158400	143012	132000	122601	102194	94737	84255	81247	92.07	243000		
		293.81	198000	158400	143012	132000	122601	102194	94737	84255	81247	83.68			
		326.07	198000	158400	143012	132000	122601	102194	94737	84255	81247	75.40	256000		
		349.60	198000	158400	143012	132000	122601	102194	94737	84255	81247	70.32			
		373.32	198000	158400	143012	132000	122601	102194	94737	84255	81247	65.86			
		424.61	198000	158400	143012	132000	122601	102194	94737	84255	81247	57.90	274000		
		469.56	198000	158400	143012	132000	122601	102194	94737	84255	81247	52.36			
		514.35	198000	158400	143012	132000	122601	102194	94737	84255	81247	47.80			
		568.08	198000	158400	143012	132000	122601	102194	94737	84255	81247	43.28			
		614.74	198000	158400	143012	132000	122601	102194	94737	84255	81247	39.99			
		667.46	198000	158400	143012	132000	122601	102194	94737	84255	81247	36.83			
		714.52	198000	158400	143012	132000	122601	102194	94737	84255	81247	34.41			
		770.96	198000	158400	143012	132000	122601	102194	94737	84255	81247	31.89	281000		
		837.07	198000	158400	143012	132000	122601	102194	94737	84255	81247	29.37			
		873.84	198000	158400	143012	132000	122601	102194	94737	84255	81247	28.14			
		968.02	198000	158400	143012	132000	122601	102194	94737	84255	81247	25.40			
		1095.90	198000	158400	143012	132000	122601	102194	94737	84255	81247	22.43			
		1125.14	198000	158400	143012	132000	122601	102194	94737	84255	81247	21.85			
		1376.01	198000	158400	143012	132000	122601	102194	94737	84255	81247	17.87			

KT-155 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KT-155	750	3.82	84240	67392	60845	56160	52161	43479	40306	35847	34567	975.0	90000	350	355 FS
		4.44	80080	64064	57840	53387	49585	41332	38316	34077	32860	797.4			
		5.43	85800	68640	61972	57200	53127	44284	41053	36511	35207	698.6			
2 KT-155	1000	13.75	180963	144770	130706	120642	112051	93400	86585	77005	74256	1001.2	97600	200	315 FS
		16.24	186800	149440	134922	124533	115666	96413	89378	79489	76652	875.47	104000		
		18.87	208200	166560	150379	138800	128916	107458	99617	88596	85433	839.51	112000		
		20.36	211555	169244	152802	141037	130994	109190	101222	90023	86810	790.59			
		23.67	216450	173160	156338	144300	134025	111716	103565	92106	88818	695.93			
		28.94	208560	166848	150639	139040	129139	107644	99789	88749	85581	548.30	122000		
3 KT-155	1500	52.25	300000	240000	216685	200000	185759	154839	143541	127660	123102	594.81	150000	110	280 FS
		60.73	300000	240000	216685	200000	185759	154839	143541	127660	123102	511.75	158000		
		61.88	300000	240000	216685	200000	185759	154839	143541	127660	123102	502.24			
		71.92	300000	240000	216685	200000	185759	154839	143541	127660	123102	432.13	169000		
		73.05	300000	240000	216685	200000	185759	154839	143541	127660	123102	425.44			
		74.28	300000	240000	216685	200000	185759	154839	143541	127660	123102	418.40			
		77.83	300000	240000	216685	200000	185759	154839	143541	127660	123102	399.32	184000		
		84.91	300000	240000	216685	200000	185759	154839	143541	127660	123102	366.02			
		87.96	300000	240000	216685	200000	185759	154839	143541	127660	123102	353.33			
		91.62	300000	240000	216685	200000	185759	154839	143541	127660	123102	339.21			
		106.80	300000	240000	216685	200000	185759	154839	143541	127660	123102	291.00	209000		
		110.64	300000	240000	216685	200000	185759	154839	143541	127660	123102	280.90			
		115.24	300000	240000	216685	200000	185759	154839	143541	127660	123102	269.69			
		130.61	300000	240000	216685	200000	185759	154839	143541	127660	123102	237.95			
		163.81	300000	240000	216685	200000	185759	154839	143541	127660	123102	189.72			
4 KT-155	1500	176.63	300000	240000	216685	200000	185759	154839	143541	127660	123102	175.95		55	225 FS
		199.62	300000	240000	216685	200000	185759	154839	143541	127660	123102	155.69	223000		
		205.30	300000	240000	216685	200000	185759	154839	143541	127660	123102	151.38			
		209.16	300000	240000	216685	200000	185759	154839	143541	127660	123102	148.59	243000		
		235.66	300000	240000	216685	200000	185759	154839	143541	127660	123102	131.88			
		242.36	300000	240000	216685	200000	185759	154839	143541	127660	123102	128.23			
		251.07	300000	240000	216685	200000	185759	154839	143541	127660	123102	123.78	256000		
		269.68	300000	240000	216685	200000	185759	154839	143541	127660	123102	115.24			
		274.76	300000	240000	216685	200000	185759	154839	143541	127660	123102	113.11	274000		
		295.55	300000	240000	216685	200000	185759	154839	143541	127660	123102	105.16			
		303.95	300000	240000	216685	200000	185759	154839	143541	127660	123102	102.25			
		309.68	300000	240000	216685	200000	185759	154839	143541	127660	123102	100.36			
		329.81	300000	240000	216685	200000	185759	154839	143541	127660	123102	94.23			
		351.02	300000	240000	216685	200000	185759	154839	143541	127660	123102	88.54			
		377.02	300000	240000	216685	200000	185759	154839	143541	127660	123102	82.43			
		389.51	300000	240000	216685	200000	185759	154839	143541	127660	123102	79.79			
		407.99	300000	240000	216685	200000	185759	154839	143541	127660	123102	76.18			
		420.12	300000	240000	216685	200000	185759	154839	143541	127660	123102	73.98			
		441.50	300000	240000	216685	200000	185759	154839	143541	127660	123102	70.39	281000		
		472.83	300000	240000	216685	200000	185759	154839	143541	127660	123102	65.73			
		511.67	300000	240000	216685	200000	185759	154839	143541	127660	123102	60.74			
		594.71	300000	240000	216685	200000	185759	154839	143541	127660	123102	52.26			
		661.60	300000	240000	216685	200000	185759	154839	143541	127660	123102	46.98			
		791.85	300000	240000	216685	200000	185759	154839	143541	127660	123102	39.25			
		889.49	300000	240000	216685	200000	185759	154839	143541	127660	123102	34.94			
		940.45	300000	240000	216685	200000	185759	154839	143541	127660	123102	33.05			
		1179.40	300000	240000	216685	200000	185759	154839	143541	127660	123102	26.35			

KT-16 SELECTION CHART

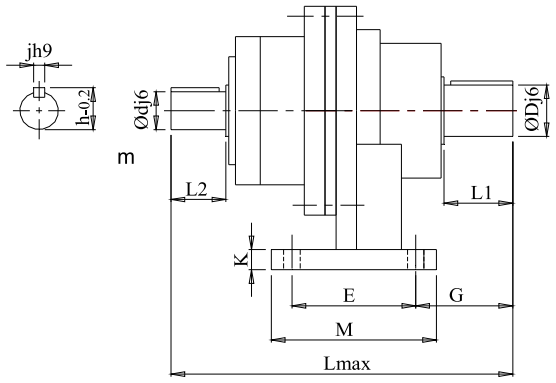
MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KT-16	750	3.82	116850	93480	84399	77900	72353	60310	55909	49723	47948	1352.4		550	ONLY SOLID MALE SHAFT
		4.44	111120	88896	80260	74080	68805	57352	53167	47285	45597	1106.5			
		5.43	105700	84560	76345	70467	65449	54555	50574	44979	43373	860.6			
2KT-16	1000	14.59	210500	168400	152040	140333	130341	108645	100718	89574	86377	1097.6	ON REQUEST	250	355 FS
		16.96	200180	160144	144586	133453	123950	103319	95780	85183	82142	898.0			
		19.71	250220	200176	180730	166813	154935	129146	119722	106477	102675	965.8			
		20.74	263120	210496	190047	175413	162923	135804	125895	111966	107969	965.2			
		24.11	250220	200176	180730	166813	154935	129146	119722	106477	102675	789.7			
		29.48	285620	228496	206298	190413	176854	147417	136660	121540	117201	737.1			
3KT-16	1500	55.45	352650	282120	254713	235100	218359	182013	168732	150064	144707	658.83		110	280 FS
		64.45	375370	300296	271123	250247	232427	193739	179603	159732	154030	603.35			
		74.91	375370	300296	271123	250247	232427	193739	179603	159732	154030	519.10			
		82.59	394720	315776	285099	263147	244409	203726	188861	167966	161970	495.09			
		91.61	375370	300296	271123	250247	232427	193739	179603	159732	154030	424.46			
		96.00	375370	300296	271123	250247	232427	193739	179603	159732	154030	405.08			
		111.58	375370	300296	271123	250247	232427	193739	179603	159732	154030	348.51			
		117.40	394720	315776	285099	263147	244409	203726	188861	167966	161970	348.30			
		136.46	428900	343120	309787	285933	265573	221368	205215	182511	175995	325.61			
4 KT-16	1500	166.88	407970	326376	294670	271980	252613	210565	195201	173604	167407	253.25	ON REQUEST	55	280 FS
		211.82	451010	360808	325757	300673	279263	232779	215794	191919	185068	264.38			
		246.20	428900	343120	309787	285933	265573	221368	205215	182511	175995	216.31			
		250.84	451010	360808	325757	300673	279263	232779	215794	191919	185068	223.26			
		286.16	428900	343120	309787	285933	265573	221368	205215	182511	175995	186.11			
		301.10	451010	360808	325757	300673	279263	232779	215794	191919	185068	185.99			
		338.88	428900	343120	309787	285933	265573	221368	205215	182511	175995	157.16			
		349.97	428900	343120	309787	285933	265573	221368	205215	182511	175995	152.18			
		393.88	428900	343120	309787	285933	265573	221368	205215	182511	175995	135.21			
		428.00	451010	360808	325757	300673	279263	232779	215794	191919	185068	130.85			
		481.70	428900	343120	309787	285933	265573	221368	205215	182511	175995	110.56			
		521.27	428900	343120	309787	285933	265573	221368	205215	182511	175995	110.00			
		589.11	428900	343120	309787	285933	265573	221368	205215	182511	175995	110.00			
		605.87	428900	343120	309787	285933	265573	221368	205215	182511	175995	109.88			
		637.50	451010	360808	325757	300673	279263	232779	215794	191919	185068	109.81			
		720.46	407970	326376	294670	271980	252613	210565	195201	173604	167407	87.89			
		740.97	428900	343120	309787	285933	265573	221368	205215	182511	175995	89.84			
		906.18	407970	326376	294670	271980	252613	210565	195201	173604	167407	69.88			

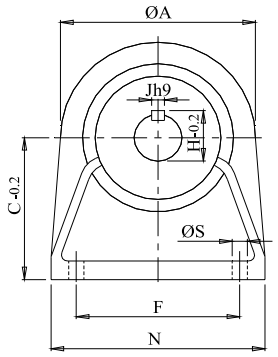
KT-17 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1KT-17	750	3.82	207500	166000	149874	138333	128483	107097	99282	88298	85146	2401.5		750	ONLY SOLID MALE SHAFT
		4.44	197350	157880	142542	131567	122198	101858	94426	83979	80981	1965.1			
		5.43	187700	150160	135572	125133	116223	96877	89809	79872	77021	1528.3			
2KT-17	1000	14.59	384300	307440	277573	256200	237957	198348	183876	163532	157694	2003.8	ON REQUEST	350	ONLY SOLID MALE SHAFT
		16.96	355500	284400	256771	237000	220124	183484	170096	151277	145876	1594.8			
		19.71	355500	284400	256771	237000	220124	183484	170096	151277	145876	1372.1			
		20.74	373840	299072	270018	249227	231480	192950	178871	159081	153402	1371.3			
		24.11	444400	355520	320982	296267	275170	229368	212632	189106	182355	1402.5			
		29.48	422700	338160	305309	281800	261734	218168	202249	179872	173451	1090.8			
3 KT-17	1500	52.53	500000	400000	361141	333333	309598	258065	239234	212766	205170	986.01		165	315 FS
		61.06	500000	400000	361141	333333	309598	258065	239234	212766	205170	848.33			
		70.97	500000	400000	361141	333333	309598	258065	239234	212766	205170	729.87			
		77.78	500000	400000	361141	333333	309598	258065	239234	212766	205170	665.97			
		86.79	500000	400000	361141	333333	309598	258065	239234	212766	205170	596.80			
		95.99	500000	400000	361141	333333	309598	258065	239234	212766	205170	539.62			
		111.57	500000	400000	361141	333333	309598	258065	239234	212766	205170	464.26			
		110.56	500000	400000	361141	333333	309598	258065	239234	212766	205170	468.51			
		128.50	500000	400000	361141	333333	309598	258065	239234	212766	205170	403.09			
		157.15	500000	400000	361141	333333	309598	258065	239234	212766	205170	329.60			
4KT-17	1500	199.62	500000	400000	361141	333333	309598	258065	239234	212766	205170	311.01	ON REQUEST	75	280 FS
		232.02	500000	400000	361141	333333	309598	258065	239234	212766	205170	267.58			
		235.67	500000	400000	361141	333333	309598	258065	239234	212766	205170	263.44			
		269.68	500000	400000	361141	333333	309598	258065	239234	212766	205170	230.22			
		297.33	500000	400000	361141	333333	309598	258065	239234	212766	205170	208.81			
		324.38	500000	400000	361141	333333	309598	258065	239234	212766	205170	191.40			
		345.59	500000	400000	361141	333333	309598	258065	239234	212766	205170	179.65			
		377.02	500000	400000	361141	333333	309598	258065	239234	212766	205170	164.67			
		422.65	500000	400000	361141	333333	309598	258065	239234	212766	205170	146.89			
		474.21	500000	400000	361141	333333	309598	258065	239234	212766	205170	130.92			
		511.67	500000	400000	361141	333333	309598	258065	239234	212766	205170	121.34			
		579.95	500000	400000	361141	333333	309598	258065	239234	212766	205170	107.05			
		594.72	500000	400000	361141	333333	309598	258065	239234	212766	205170	104.39			
		625.76	500000	400000	361141	333333	309598	258065	239234	212766	205170	99.22			
		709.26	500000	400000	361141	333333	309598	258065	239234	212766	205170	87.54			
		727.32	500000	400000	361141	333333	309598	258065	239234	212766	205170	85.36			

KT-18 SELECTION CHART

MODEL	INPUT SPEED	RATIO	PEAK TORQUE IN Nm	M_{n2} (Nm) $n_2 * h$ 10 000	$n_2 * h$ 25 000	$n_2 * h$ 50 000	$n_2 * h$ 100 000	$n_2 * h$ 500 000	$n_2 * h$ 1 000 000	$n_2 * h$ 5 000 000	$n_2 * h$ 10 000 000	MAX INPUT POWER kW	OUTPUT SHAFT OVERHUNG LOAD CAPACITY in Newtons	THERMAL RATING KW	HOLLOW INPUT MAX FRAME SIZE
1 KT-18	500	3.82	350550	280440	253196	233700	217059	180929	167727	149170	143845	4057.1		1000	ONLY SOLID MALE SHAFT
		4.44	333370	266696	240787	222247	206421	172062	159507	141860	136795	3319.5			
		5.43	317100	253680	229036	211400	196347	163665	151722	134936	130119	2581.8			
2 KT-18	750	14.59	521000	416800	376309	347333	322601	268903	249282	221702	213787	2716.6	ON REQUEST	550	ONLY SOLID MALE SHAFT
		16.96	495460	396368	357862	330307	306786	255721	237062	210834	203307	2222.7			
		19.71	600530	480424	433752	400353	371845	309951	287335	255545	246422	2317.9			
		20.74	631490	505192	456114	420993	391015	325930	302148	268719	259126	2316.4			
		24.11	600530	480424	433752	400353	371845	309951	287335	255545	246422	1895.3			
		29.48	714030	571224	515731	476020	442124	368532	341641	303843	292995	1842.6			
3 KT-18	1000	55.74	947240	757792	684175	631493	586526	488898	453225	403081	388691	1760.4		250	355 FS
		64.79	1006080	804864	726674	670720	622960	519267	481378	428119	412835	1608.7			
		75.31	1006080	804864	726674	670720	622960	519267	481378	428119	412835	1384.0			
		79.24	1057950	846360	764139	705300	655077	546039	506196	450191	434120	1383.2			
		87.53	1006080	804864	726674	670720	622960	519267	481378	428119	412835	1190.8			
		92.10	1126110	900888	813369	750740	697282	581218	538809	479196	462089	1266.7			
		112.63	1140000	912000	823402	760000	705882	588387	545455	485106	467788	1048.5			
		130.91	1126110	900888	813369	750740	697282	581218	538809	479196	462089	891.1			
		160.10	1071150	856920	773673	714100	663251	552852	512512	455809	439536	693.1			
4 KT-18	1500	211.82	1140000	912000	823402	760000	705882	588387	545455	485106	467788	668.27	ON REQUEST	110	280 FS
		250.84	1140000	912000	823402	760000	705882	588387	545455	485106	467788	564.31			
		286.16	1140000	912000	823402	760000	705882	588387	545455	485106	467788	494.66			
		315.51	1140000	912000	823402	760000	705882	588387	545455	485106	467788	448.66			
		338.88	1140000	912000	823402	760000	705882	588387	545455	485106	467788	417.72			
		366.71	1140000	912000	823402	760000	705882	588387	545455	485106	467788	386.01			
		406.77	1140000	912000	823402	760000	705882	588387	545455	485106	467788	348.00			
		448.48	1140000	912000	823402	760000	705882	588387	545455	485106	467788	315.63			
		495.41	1140000	912000	823402	760000	705882	588387	545455	485106	467788	285.73			
		521.27	1140000	912000	823402	760000	705882	588387	545455	485106	467788	271.56			
		605.87	1140000	912000	823402	760000	705882	588387	545455	485106	467788	233.64			
		637.50	1140000	912000	823402	760000	705882	588387	545455	485106	467788	222.05			
		720.46	1140000	912000	823402	760000	705882	588387	545455	485106	467788	196.48			
		740.97	1140000	912000	823402	760000	705882	588387	545455	485106	467788	191.04			

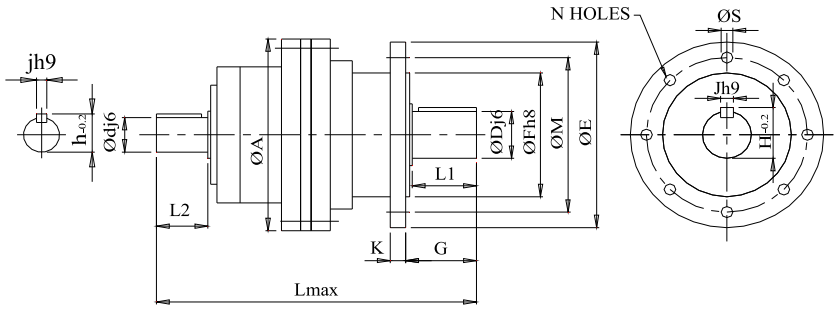




FOOT MOUNTING FREE INPUT

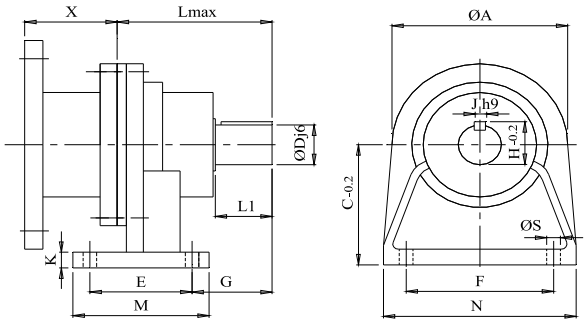
STAGE	MODEL	OUTPUT				INPUT				MOUNTING									
		ØD j6	L1	J h9	H-0.2	Ød j6	L2	j h9	h-0.2	C-0.2	E	M	F	N	G	ØS	K	ØA	L max
1	KA-01	14	25	5	16	11	23	4	12.5	60	40	60	80	100	49	9	10	70	167
	KA-02	19	30	6	21.5	19	30	6	21.5	80	60	90	120	150	47	9	10	95	197.5
	KA-03	28	40	8	31	24	35	8	27	104	70	100	110	140	54	9	10	125	210
	KA-04	32	45	10	35	28	40	8	31	115	80	108	120	152	68	12	14	140	257
	KA-05	38	50	10	41	28	40	8	31	115	90	120	130	170	70.5	12	15	155	254.5
	KT-06	50	75	14	53.5	38	55	10	41	130	110	150	180	220	92	14	20	210	329
	KT-07	60	80	18	64	42	60	12	45	140	130	170	195	235	103	14	20	230	376
	KT-08	70	90	20	74.5	48	75	14	51.5	155	150	200	210	260	117	18	20	256	394
	KT-09	80	110	22	85	55	75	16	59	180	200	250	300	350	139	18	25	300	432.5
	KT-10	95	130	25	100	60	80	18	64	200	250	300	350	400	156	22	25	340	563
	KT-11	95	130	25	100	60	80	18	64	200	250	300	350	400	156	22	25	340	578
	KT-12	110	165	28	116	80	110	22	85	225	275	330	375	430	209	22	30	370	707
2	KA-01	14	25	5	16	11	23	4	12.5	60	40	60	80	100	49	9	10	70	183
	KA-02	19	30	6	21.5	19	30	6	21.5	80	60	90	120	150	47	9	10	95	219.5
	KA-03	28	40	8	31	19	30	6	21.5	104	70	100	110	140	54	9	10	125	227.5
	KA-04	32	45	10	35	24	35	8	27	115	80	108	120	152	68	12	14	140	265
	KA-05	38	50	10	41	24	35	8	27	115	90	120	130	170	70.5	12	15	155	272
	KT-06	50	75	14	53.5	28	40	8	31	130	110	150	180	220	92	14	20	210	345.5
	KT-07	60	80	18	64	28	40	8	31	140	130	170	195	235	103	14	20	230	368
	KT-08	70	90	20	74.5	38	55	10	41	155	150	200	210	260	117	18	20	256	406
	KT-09	80	110	22	85	42	60	12	45	180	200	250	300	350	139	18	25	300	483
	KT-10	95	130	25	100	48	75	14	51.5	200	250	300	350	400	156	22	25	340	574.5
	KT-11	95	130	25	100	55	75	16	59	200	250	300	350	400	156	22	25	340	610
	KT-12	110	165	28	116	60	80	18	64	225	275	330	375	430	209	22	30	370	736
3	KA-01	14	25	5	16	11	23	4	12.5	60	40	60	80	100	49	9	10	70	198
	KA-02	19	30	6	21.5	19	30	6	21.5	80	60	90	120	150	47	9	10	95	241.5
	KA-03	28	40	8	31	19	30	6	21.5	104	70	100	110	140	54	9	10	125	249.5
	KA-04	32	45	10	35	19	30	6	21.5	115	80	108	120	152	68	12	14	140	282
	KA-05	38	50	10	41	19	30	6	21.5	115	90	120	130	170	70.5	12	15	155	289.5
	KT-06	50	75	14	53.5	24	35	8	27	130	110	150	180	220	92	14	20	210	353
	KT-07	60	80	18	64	24	35	8	27	140	130	170	195	235	103	14	20	230	385.5
	KT-08	70	90	20	74.5	28	40	8	31	155	150	200	210	260	117	18	20	256	422.5
	KT-09	80	110	22	85	28	40	8	31	180	200	250	300	350	139	18	25	300	470
	KT-10	95	130	25	100	38	55	10	41	200	250	300	350	400	156	22	25	340	596.5
	KT-11	95	130	25	100	42	60	12	45	200	250	300	350	400	156	22	25	340	657.0
	KT-12	110	165	28	116	48	75	14	51.5	225	275	330	375	430	209	22	30	370	760.0
4	KA-01	14	25	5	16	11	23	4	12.5	60	40	60	80	100	49	9	10	70	213
	KA-02	19	30	6	21.5	19	30	6	21.5	80	60	90	120	150	47	9	10	95	263.5
	KA-03	28	40	8	31	19	30	6	21.5	104	70	100	110	140	54	9	10	125	271.5
	KA-04	32	45	10	35	19	30	6	21.5	115	80	108	120	152	68	12	14	140	304
	KA-05	38	50	10	41	19	30	6	21.5	115	90	120	130	170	70.5	12	15	155	311.5
	KT-06	50	75	14	53.5	19	30	6	21.5	130	110	150	180	220	92	14	20	210	370.5
	KT-07	60	80	18	64	19	30	6	21.5	140	130	170	195	235	103	14	20	230	403.5
	KT-08	70	90	20	74.5	24	35	8	27	155	150	200	210	260	117	18	20	256	430
	KT-09	80	110	22	85	24	35	8	27	180	200	250	300	350	139	18	25	300	487.5
	KT-10	95	130	25	100	28	40	8	31	200	250	300	350	400	156	22	25	340	613
	KT-11	95	130	25	100	28	40	8	31	200	250	300	350	400	156	22	25	340	646.0
	KT-12	110	165	28	116	38	55	10	41	225	275	330	375	430	209	22	30	370	771.0

FLANGE MOUNTING HOLLOW INPUT



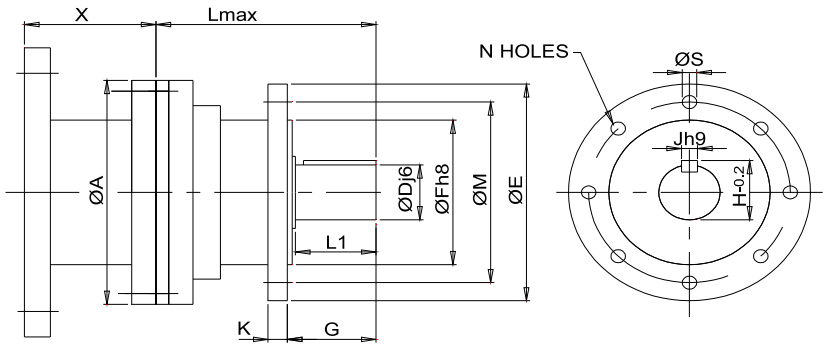
STAGE	MODEL	OUTPUT				INPUT				MOUNTING								
		ØD j6	L1	J h9	H-0,2	Ød j6	L2	j h9	h-0,2	ØE	ØM	F h8	ØS	N	G	K	ØA	L max
1	KA-01	14	25	5	16	11	23	4	12.5	85	68	55	9	4	29	8	70	167
	KA-02	19	30	6	21.5	19	30	6	21.5	120	102	80	9	4	30	10	95	197.5
	KA-03	28	40	8	31	24	35	8	27	140	115	95	9	8	42	10	125	210
	KA-04	32	45	10	35	28	40	8	31	150	125	100	9	8	50	12	140	257
	KA-05	38	50	10	41	28	40	8	31	150	125	100	9	8	55	12	155	254.5
	KT-06	50	75	14	53.5	38	55	10	41	200	165	130	14	8	80	15	210	329
	KT-07	60	80	18	64	42	60	12	45	230	200	170	14	8	85	20	230	376
	KT-08	70	90	20	74.5	48	75	14	51.5	250	215	180	14	8	95	15	256	394
	KT-09	80	110	22	85	55	75	16	59	290	265	240	14	12	117	20	290	432.5
	KT-10	95	130	25	100	60	80	18	64	340	305	270	18	12	150	30	340	563
	KT-11	95	130	25	100	60	80	18	64	340	305	270	18	12	150	30	340	578
	KT-12	110	165	28	116	80	110	22	85	370	335	300	22	12	182	35	370	707
2	KA-01	14	25	5	16	11	23	4	12.5	85	68	55	9	4	29	8	70	183
	KA-02	19	30	6	21.5	19	30	6	21.5	120	102	80	9	4	30	10	95	219.5
	KA-03	28	40	8	31	19	30	6	21.5	140	115	95	9	8	42	10	125	227.5
	KA-04	32	45	10	35	24	35	8	27	150	125	100	9	8	50	12	140	265
	KA-05	38	50	10	41	24	35	8	27	150	125	100	9	8	55	12	155	272
	KT-06	50	75	14	53.5	28	40	8	31	200	165	130	14	8	80	15	210	345.5
	KT-07	60	80	18	64	28	40	8	31	230	200	170	14	8	85	20	230	368
	KT-08	70	90	20	74.5	48	75	14	51.5	250	215	180	14	8	95	15	256	406
	KT-09	80	110	22	85	42	60	12	45	290	265	240	14	12	117	20	290	483
	KT-10	95	130	25	100	48	75	14	51.5	340	305	270	18	12	150	30	340	574.5
	KT-11	95	130	25	100	55	75	16	59	340	305	270	18	12	150	30	340	610
	KT-12	110	165	28	116	60	80	18	64	370	335	300	22	12	182	35	370	736
3	KA-01	14	25	5	16	11	23	4	12.5	85	68	55	9	4	29	8	70	198
	KA-02	19	30	6	21.5	19	30	6	21.5	120	102	80	9	4	30	10	95	241.5
	KA-03	28	40	8	31	19	30	6	21.5	140	115	95	9	8	42	10	125	249.5
	KA-04	32	45	10	35	19	30	6	21.5	150	125	100	9	8	50	12	140	282
	KA-05	38	50	10	41	19	30	6	21.5	150	125	100	9	8	55	12	155	289.5
	KT-06	50	75	14	53.5	24	35	8	27	200	165	130	14	8	80	15	210	353
	KT-07	60	80	18	64	24	35	8	24	230	200	170	14	8	85	20	230	385.5
	KT-08	70	90	20	74.5	28	40	8	31	250	215	180	14	8	95	15	256	422.5
	KT-09	80	110	22	85	28	40	8	31	290	265	240	14	12	117	20	290	470
	KT-10	95	130	25	100	38	55	10	41	340	305	270	18	12	150	30	340	596.5
	KT-11	95	130	25	100	42	60	12	45	340	305	270	18	12	150	30	340	657
	KT-12	110	165	28	116	48	75	14	51.5	370	335	300	22	12	182	35	370	760
4	KA-01	14	25	5	16	11	23	4	12.5	85	68	55	9	4	29	8	70	213
	KA-02	19	30	6	21.5	19	30	6	21.5	120	102	80	9	4	30	10	95	263.5
	KA-03	28	40	8	31	19	30	6	21.5	140	115	95	9	8	42	10	125	271.5
	KA-04	32	45	10	35	19	30	6	21.5	150	125	100	9	8	50	12	140	304
	KA-05	38	50	10	41	19	30	6	21.5	150	125	100	9	8	55	12	155	311.5
	KT-06	50	75	14	53.5	19	30	6	21.5	200	165	130	14	8	80	15	210	370.5
	KT-07	60	80	18	64	19	30	6	21.5	230	200	170	14	8	85	20	230	403.5
	KT-08	70	90	20	74.5	24	35	8	27	250	215	180	14	8	95	15	256	430
	KT-09	80	110	22	85	24	35	8	27	290	265	240	14	12	139	20	290	487.5
	KT-10	95	130	25	100	28	40	8	31	340	305	270	18	12	150	30	340	613
	KT-11	95	130	25	100	28	40	8	31	340	305	270	18	12	150	30	340	646
	KT-12	110	165	28	116	38	55	10	41	370	335	300	22	12	182	35	370	771

FOOT MOUNTING HOLLOW INPUT



STAGE	MODEL	OUTPUT				MOUNTING										MAX ADOPTABLE MOTOR FRAME
		ØD j6	L1	J h9	H-0.2	C	E	M	F	N	G	ØS	K	ØA	L max	
1	KA-01	14	25	5	16	60	40	60	80	100	49	9	10	70	80	AS PER SELECTION TABLE
	KA-02	19	30	6	21.5	80	60	90	120	150	47	9	10	95	103.5	
	KA-03	28	40	8	31	104	70	100	110	140	54	9	10	125	109	
	KA-04	32	45	10	35	115	80	108	120	152	68	12	14	140	138.5	
	KA-05	38	50	10	41	115	90	120	130	170	70.5	12	15	155	142.5	
	KT-06	50	75	14	53.5	130	110	150	180	220	92	14	20	210	189	
	KT-07	60	80	18	64	140	130	170	195	235	103	14	20	230	209.5	
	KT-08	70	90	20	74.5	155	150	200	210	260	117	18	20	256	226	
	KT-09	80	110	22	85	180	200	250	300	350	139	18	25	300	265	
	KT-10	95	130	25	100	200	250	300	350	400	156	22	25	340	338	
	KT-11	95	130	25	100.4	200	250	300	350	400	156	22	25	340	355	
	KT-12	110	165	28	116.4	225	275	330	375	430	209	22	30	370	419	
2	KA-01	14	25	5	16	60	40	60	80	100	49	9	10	70	97.5	AS PER SELECTION TABLE
	KA-02	19	30	6	21.5	80	60	90	120	150	47	9	10	95	125.5	
	KA-03	28	40	8	31	104	70	100	110	140	54	9	10	125	133.5	
	KA-04	32	45	10	35	115	80	108	120	152	68	12	14	140	163.5	
	KA-05	38	50	10	41	115	90	120	130	170	70.5	12	15	155	171	
	KT-06	50	75	14	53.5	130	110	150	180	220	92	14	20	210	228	
	KT-07	60	80	18	64	140	130	170	195	235	103	14	20	230	257.3	
	KT-08	70	90	20	74.5	155	150	200	210	260	117	18	20	256	273	
	KT-09	80	110	22	85	180	200	250	300	350	139	18	25	300	322.5	
	KT-10	95	130	25	100	200	250	300	350	400	156	22	25	340	410	
	KT-11	95	130	25	100.4	200	250	300	350	400	156	22	25	340	452	
	KT-12	110	165	28	116.4	225	275	330	375	430	209	22	30	370	510	
3	KA-01	14	25	5	16	60	40	60	80	100	49	9	10	70	101.5	AS PER SELECTION TABLE
	KA-02	19	30	6	21.5	80	60	90	120	150	47	9	10	95	134	
	KA-03	28	40	8	31	104	70	100	110	140	54	9	10	125	151	
	KA-04	32	45	10	35	115	80	108	120	152	68	12	14	140	187.5	
	KA-05	38	50	10	41	115	90	120	130	170	70.5	12	15	155	194.5	
	KT-06	50	75	14	53.5	130	110	150	180	220	92	14	20	210	253	
	KT-07	60	80	18	64	140	130	170	195	235	103	14	20	230	280.5	
	KT-08	70	90	20	74.5	155	150	200	210	260	117	18	20	256	312	
	KT-09	80	110	22	85	180	200	250	300	350	139	18	25	300	366	
	KT-10	95	130	25	100	200	250	300	350	400	156	22	25	340	457	
	KT-11	95	130	25	100.4	200	250	300	350	400	156	22	25	340	509	
	KT-12	110	165	28	116.4	225	275	330	375	430	209	22	30	370	582.5	
4	KA-01	14	25	5	16	60	40	60	80	100	49	9	10	70	123.5	AS PER SELECTION TABLE
	KA-02	19	30	6	21.5	80	60	90	120	150	47	9	10	95	153	
	KA-03	28	40	8	31	104	70	100	110	140	54	9	10	125	169	
	KA-04	32	45	10	35	115	80	108	120	152	68	12	14	140	205.5	
	KA-05	38	50	10	41	115	90	120	130	170	70.5	12	15	155	212.5	
	KT-06	50	75	14	53.5	130	110	150	180	220	92	14	20	210	271	
	KT-07	60	80	18	64	140	130	170	195	235	103	14	20	230	304	
	KT-08	70	90	20	74.5	155	150	200	210	260	117	18	20	256	337	
	KT-09	80	110	22	85	180	200	250	300	350	139	18	25	300	139	
	KT-10	95	130	25	100	200	250	300	350	400	156	22	25	340	496	
	KT-11	95	130	25	100.4	200	250	300	350	400	156	22	25	340	552.5	
	KT-12	110	165	28	116.4	225	275	330	375	430	209	22	30	370	629.5	

NOTE :- FOR DIMENSTION "X" & MOTOR MOUNTING DIMENSIONS PLEASE REFER MOTOR MOUNTING CHART ON PAGE NO-39

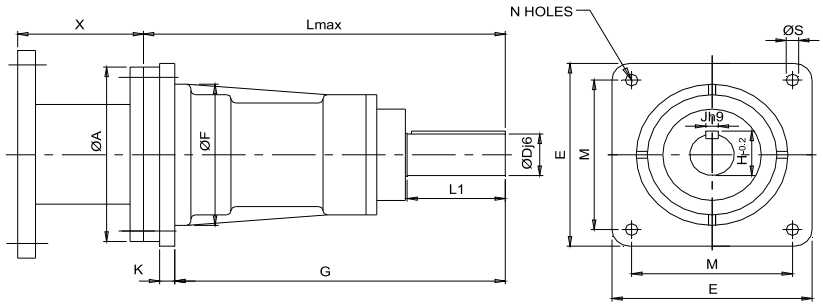


FLANGE MOUNTING HOLLOW INPUT

STAGE	MODEL	OUTPUT				MOUNTING								MAX ADOPTABLE MOTOR FRAME
		ØD j6	L1	J h9	H-0.2	ØE	ØM	ØF h8	ØS	N	G	K	ØA	L MAX
1	KA-01	14	25	5	16	85	68	55	9	4	29	8	70	80	AS PER SELECTION TABLE
	KA-02	19	30	6	21.5	120	102	80	9	4	30	10	95	97.5	
	KA-03	28	40	8	31	140	115	95	9	8	42	10	125	109	
	KA-04	32	45	10	35	150	125	100	9	8	50	12	140	138.5	
	KA-05	38	50	10	41	150	125	100	9	8	55	12	155	142.5	
	KT-06	50	75	14	53.5	200	165	130	14	8	80	15	210	189	
	KT-07	60	80	18	64	230	200	170	14	8	85	20	230	209.5	
	KT-08	70	90	20	74.5	250	215	180	14	8	95	15	256	226	
	KT-09	80	110	22	85	290	265	240	14	12	117	20	290	265	
	KT-10	95	130	25	100	330	305	270	18	12	150	30	340	338	
	KT-11	95	130	25	100	330	305	270	18	12	150	30	340	355	
	KT-12	110	165	28	116	365	335	300	22	12	182	35	370	419	
2	KA-01	14	25	5	16	85	68	55	9	4	29	8	70	94	AS PER SELECTION TABLE
	KA-02	19	30	6	21.5	120	102	80	9	4	30	10	95	115.5	
	KA-03	28	40	8	31	140	115	95	9	8	42	10	125	132.5	
	KA-04	32	45	10	35	150	125	100	9	8	50	12	140	163.5	
	KA-05	38	50	10	41	150	125	100	9	8	55	12	155	170	
	KT-06	50	75	14	53.5	200	165	130	14	8	80	15	210	228	
	KT-07	60	80	18	64	230	200	170	14	8	85	20	230	253	
	KT-08	70	90	20	74.5	250	215	180	14	8	95	15	256	273	
	KT-09	80	110	22	85	290	265	240	14	12	117	20	290	332.5	
	KT-10	95	130	25	100	330	305	270	18	12	150	30	340	410	
	KT-11	95	130	25	100	330	305	270	18	12	150	30	340	433.5	
	KT-12	110	165	28	116	365	335	300	22	12	182	35	370	510	
3	KA-01	14	25	5	16	85	68	55	9	4	29	8	70	108	AS PER SELECTION TABLE
	KA-02	19	30	6	21.5	120	102	80	9	4	30	10	95	135.5	
	KA-03	28	40	8	31	140	115	95	9	8	42	10	125	150.5	
	KA-04	32	45	10	35	150	125	100	9	8	50	12	140	181.5	
	KA-05	38	50	10	41	150	125	100	9	8	55	12	155	193.5	
	KT-06	50	75	14	53.5	200	165	130	14	8	80	15	210	253	
	KT-07	60	80	18	64	230	200	170	14	8	85	20	230	281.5	
	KT-08	70	90	20	74.5	250	215	180	14	8	95	15	256	312	
	KT-09	80	110	22	85	290	265	240	14	12	117	20	290	375	
	KT-10	95	130	25	100	330	305	270	18	12	150	30	340	457	
	KT-11	95	130	25	100	330	305	270	18	12	150	30	340	501	
	KT-12	110	165	28	116	365	335	300	22	12	182	35	370	582.5	
4	KA-01	14	25	5	16	85	68	55	9	4	29	8	70	116	AS PER SELECTION TABLE
	KA-02	19	30	6	21.5	120	102	80	9	4	30	10	95	153	
	KA-03	28	40	8	31	140	115	95	9	8	42	10	125	168	
	KA-04	32	45	10	35	150	125	100	9	8	50	12	140	199.5	
	KA-05	38	50	10	41	150	125	100	9	8	55	12	155	211.5	
	KT-06	50	75	14	53.5	200	165	130	14	8	80	15	210	271	
	KT-07	60	80	18	64	230	200	170	14	8	85	20	230	305.5	
	KT-08	70	90	20	74.5	250	215	180	14	8	95	15	256	337	
	KT-09	80	110	22	85	290	265	240	14	12	117	20	290	403.5	
	KT-10	95	130	25	100	330	305	270	18	12	150	30	340	496.5	
	KT-11	95	130	25	100	330	305	270	18	12	150	30	340	544.5	
	KT-12	110	165	28	116	365	335	300	22	12	182	35	370	629.5	

NOTE :- FOR DIMENSTION "X" & MOTOR MOUNTING DIMENSIONS PLEASE REFER MOTOR MOUNTING CHART ON PAGE NO-39

AGITATOR MOUNTING HOLLOW INPUT



STAGE	MODEL	OUTPUT				MOUNTING									MAX ADOPTABLE MOTOR FRAME
		ØD j6	L1	J h9	H-0.2	E	M	ØF h8	ØS	N	G	K	ØA	L MAX	
1	KA-02	19	30	6	21.5	125	110	95	9	4	105.5	12	95	198	AS PER SELECTION TABLE
	KA-03	28	60	8	31	130	105	115	12	4	246	12	125	274	
	KA-04	32	65	10	35	150	120	120	12	4	285	12	140	309.5	
	KA-05	38	75	10	41	160	130	130	14	4	325	15	155	354	
	KT-06	50	110	14	53.5	220	180	170	14	4	370	17	210	404	
	KT-07	55	110	16	59	240	200	190	14	4	370	17.5	230	410.5	
	KT-08	60	110	18	64	260	225	215	18	4	378	20	256	426	
	KT-09	70	140	20	74.5	350	300	250	22	4	484	24	290	542	
	KT-10	80	160	22	85	370	320	280	25	4	509.5	24	340	567	
	KT-11	80	160	22	85	370	320	280	25	4	509.5	24	340	584	
	KT-12	95	170	28	100.0	430	360	320	24	4	559	24	370	657	
	KT-13	100	200	28	106.0	525	495	460	22	18	591	20	405	723	
2	KA-02	19	30	6	21.5	125	110	95	9	4	105.5	12	95	216	AS PER SELECTION TABLE
	KA-03	28	60	8	31	130	105	115	12	4	246	12	125	297.5	
	KA-04	32	65	10	35	150	120	120	12	4	285	12	140	327.5	
	KA-05	38	75	10	41	160	130	130	14	4	325	15	155	388.5	
	KT-06	50	110	14	53.5	220	180	170	14	4	370	17	210	448.5	
	KT-07	55	110	16	59	240	200	190	14	4	370	17.5	230	454	
	KT-08	60	110	18	64	260	225	215	18	4	378	20	256	473	
	KT-09	70	140	20	74.5	350	300	250	22	4	484	24	290	599.5	
	KT-10	80	160	22	85	370	320	280	25	4	509.5	24	340	639.5	
	KT-11	80	160	22	85	370	320	280	25	4	509.5	24	340	662.5	
	KT-12	95	170	28	100.0	430	360	320	24	4	559	24	370	748	
	KT-13	100	200	28	106.0	525	495	460	22	18	591	20	405	892.5	
3	KA-02	19	30	6	21.5	125	110	95	9	4	105.5	12	95	234	AS PER SELECTION TABLE
	KA-03	28	60	8	31	130	105	115	12	4	246	12	125	315.5	
	KA-04	32	65	10	35	150	120	120	12	4	285	12	140	345.5	
	KA-05	38	75	10	41	160	130	130	14	4	325	15	155	412	
	KT-06	50	110	14	53.5	220	180	170	14	4	370	17	210	473	
	KT-07	55	110	16	59	240	200	190	14	4	370	17.5	230	482.5	
	KT-08	60	110	18	64	260	225	215	18	4	378	20	256	506.5	
	KT-09	70	140	20	74.5	350	300	250	22	4	484	24	290	644	
	KT-10	80	160	22	85	370	320	280	25	4	509.5	24	340	686.5	
	KT-11	80	160	22	85	370	320	280	25	4	509.5	24	340	720	
	KT-12	95	170	28	100.0	430	360	320	24	4	559	24	370	820.5	
	KT-13	100	200	28	106.0	525	495	460	22	18	591	20	405	970.5	
4	KA-02	19	30	6	21.5	125	110	95	9	4	105.5	12	95	252	AS PER SELECTION TABLE
	KA-03	28	60	8	31	130	105	115	12	4	246	12	125	333.5	
	KA-04	32	65	10	35	150	120	120	12	4	285	12	140	363.5	
	KA-05	38	75	10	41	160	130	130	14	4	325	15	155	430	
	KT-06	50	110	14	53.5	220	180	170	14	4	370	17	210	491.5	
	KT-07	55	110	16	59	240	200	190	14	4	370	17.5	230	506	
	KT-08	60	110	18	64	260	225	215	18	4	378	20	256	524.5	
	KT-09	70	140	20	74.5	350	300	250	22	4	484	24	290	672.5	
	KT-10	80	160	22	85	370	320	280	25	4	509.5	24	340	726.5	
	KT-11	80	160	22	85	370	320	280	25	4	509.5	24	340	763.5	
	KT-12	95	170	28	100.0	430	360	320	24	4	559	24	370	867.5	
	KT-13	100	200	28	106.0	525	495	460	22	18	591	20	405	1027	

NOTE :- FOR DIMENSTION "X" & MOTOR MOUNTING DIMENSIONS PLEASE REFER MOTOR MOUNTING CHART ON PAGE NO-39

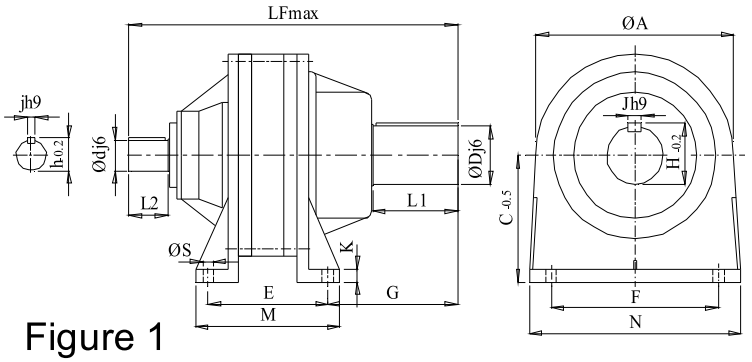


Figure 1

FOOT MOUNTING FREE INPUT

(HEAVY SERIES)

FOOT MOUNTING HOLLOW INPUT

(HEAVY SERIES)

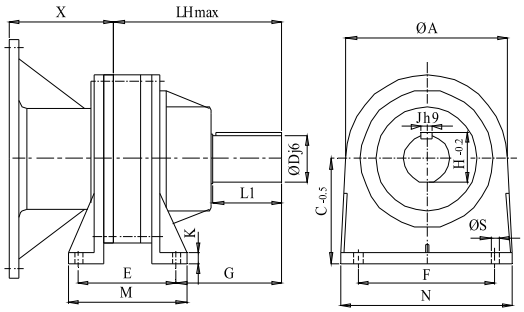


Figure 2

STAGE	MODEL	OUTPUT					MOUNTING								INPUT					
		FOR FIGURE 1 & 2													FOR FIGURE 1					FOR FIGURE 2
		ØD j6	L1	J h9	H-0.2	C-0.5	E	M	F	N	G	ØS	K	ØA	Ød j6	L2	j h9	h-0.2	LF max	LH max
1	KT-13	120	175	32	127.0	250	310	362	400	460	252	26	30	405	90	120	25	95	735	450
	KT-135	120	175	32	127.0	250	340	392	400	460	252	26	30	405	90	120	25	95	765	480
	KT-14	160	240	38	169.0	350	340	410	475	600	369	30	35	560	110	225	28	116.4	1120	585
	KT-15	200	240	45	210.0	385	370	450	570	700	353	30	40	640	125	250	32	132.0	1118	607
	KT-155	200	240	45	210.0	385	382	462	570	700	353	30	40	640	125	250	32	132.0	1130	620
	KT-16	250	315	56	262.0	500	475	575	675	850	417	45	48	750	125	250	32	132.0	1268	740
	KT-17	260	350	63	272.0	550	600	765	900	1100	475	50	50	980	140	280	36	148.0	1357	860
	KT-18	350	550	80	365.0	700	655	905	1050	1300	745.5	50	50	1080	140	280	36	148.0	1756	1200
2	KT-13	120	175	32	127.0	250	310	362	400	460	252	26	30	405	60	80	18	64	843.5	617.5
	KT-135	120	175	32	127.0	250	340	392	400	460	252	26	30	405	80	110	22	85	950	680
	KT-14	160	240	38	169.0	350	340	410	475	600	369	30	35	560	80	110	22	85	1139	869
	KT-15	200	240	45	210.0	385	370	450	570	700	353	30	40	640	90	120	25	95	1203	916
	KT-155	200	240	45	210.0	385	382	462	570	700	353	30	40	640	90	120	25	95	1245	958
	KT-16	250	315	56	262.0	500	475	575	675	850	417	45	48	750	110	225	28	116.0	1570	1100
	KT-17	260	350	63	272.0	550	600	765	900	1100	475	50	50	980	125	250	32	132.0	1590	1335
	KT-18	350	550	80	365.0	700	655	905	1050	1300	745.5	50	50	1080	125	250	32	132.0	2070	1665
3	KT-13	120	175	32	127.0	250	310	362	400	460	252	26	30	405	55	75	16	59	874	696
	KT-135	120	175	32	127.0	250	340	392	400	460	252	26	30	405	60	80	18	64	997	772
	KT-14	160	240	38	169.0	350	340	410	475	600	369	30	35	560	60	80	18	64	1186	960
	KT-15	200	240	45	210.0	385	370	450	570	700	353	30	40	640	60	80	18	64	1298	1113
	KT-155	200	240	45	210.0	385	382	462	570	700	353	30	40	640	80	110	22	85	1430	1160
	KT-16	250	315	56	262.0	500	475	575	675	850	417	45	48	750	80	110	22	85	1654	1385
	KT-17	260	350	63	272.0	550	600	765	900	1100	475	50	50	980	90	120	25	95	1857	1652
	KT-18	350	550	80	365.0	700	655	905	1050	1300	745.5	50	50	1080	139	225	28	116.0	2410	2025
4	KT-13	120	175	32	127.0	250	310	362	400	460	252	26	30	405	42	60	12	45	920	753.5
	KT-135	120	175	32	127.0	250	340	392	400	460	252	26	30	405	48	75	14	51.5	1021	845
	KT-14	160	240	38	169.0	350	340	410	475	600	369	30	35	560	48	75	14	51.5	1210	1038.5
	KT-15	200	240	45	210.0	385	370	450	570	700	353	30	40	640	55	75	16	51.5	1342	1164
	KT-155	200	240	45	210.0	385	382	462	570	700	353	30	40	640	60	80	18	64	1477	1251
	KT-16	250	315	56	262.0	500	475	575	675	850	417	45	48	750	60	80	18	64	1702	1475
	KT-17	260	350	63	272.0	550	600	765	900	1100	475	50	50	980	60	80	18	64	2070	1825
	KT-18	350	550	80	365.0	700	655	905	1050	1300	745.5	50	50	1080	65	85	18	64	2530	2310

NOTE :- FOR DIMENSTION "X" & MOTOR MOUNTING DIMENSIONS PLEASE REFER MOTOR MOUNTING CHART ON PAGE NO-39
FOR MAXIMUM FRAME SIZE PLEASE REFER SELECTION CHARTS

FLANGE MOUNTING FREE INPUT

(HEAVY SERIES)

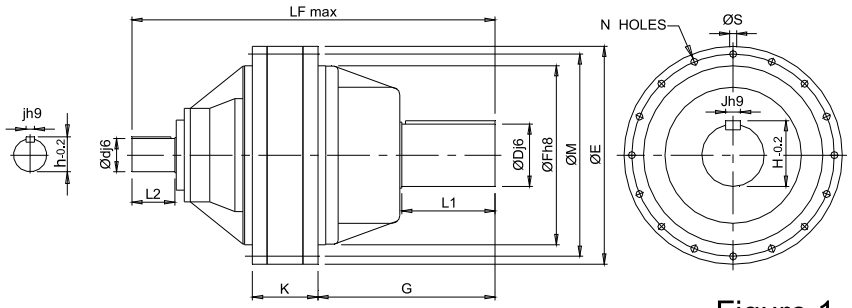
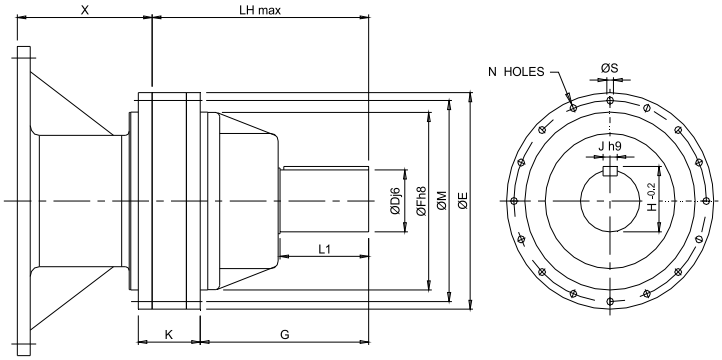


Figure 1

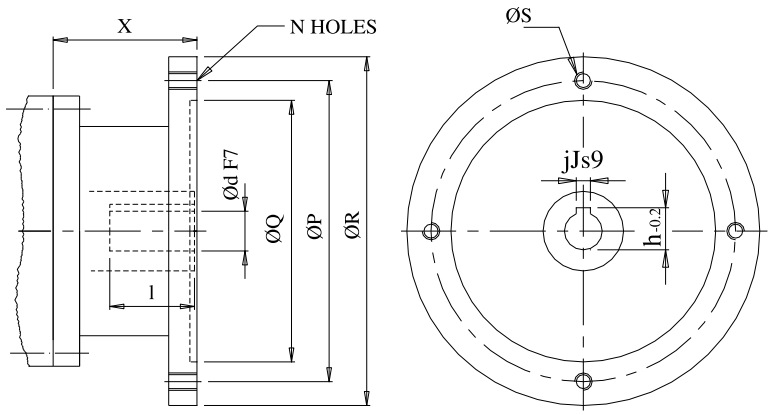


FLANGE MOUNTING HOLLOW INPUT

(HEAVY SERIES)

STAGE	MODEL	OUTPUT					MOUNTING						INPUT					
		FOR FIGURE 1 & 2											FOR FIGURE 1					FOR FIGURE 1
		ØD j6	L1	Jh9	H-0.2	ØE	ØM	ØF h8	ØS	N	G	K	Ød j6	L2	j h9	h-0.2	LF max	LH max.
1	KT-13	120	175	32	127.0	405	370	340	18	16	336	142	90	120	25	95	735	450
	KT-135	120	175	32	127.0	405	370	340	18	16	336	172	90	120	25	95	765	480
	KT-14	160	240	38	169.0	560	520	460	18	16	455	168	110	225	28	116.4	1120	585
	KT-15	200	240	45	210.0	640	600	530	22	16	443	192	125	250	32	132.0	1118	607
	KT-155	200	240	45	210.0	640	600	530	22	16	455	202	125	250	32	132.0	1130	620
	KT-16	250	315	56	262.0	750	700	625	26	16	547	224	125	250	32	132.0	1268	740
	KT-17	260	350	63	272.0	980	900	800	26	24	642	265	140	280	36	148.0	1357	860
	KT-18	350	550	80	365.0	1100	1020	920	26	32	920	305	140	280	36	148.0	1756	1200
2	KT-13	120	175	32	127.0	405	370	340	18	16	336	142	60	80	18	64	843.5	617.5
	KT-135	120	175	32	127.0	405	370	340	18	16	336	172	80	110	22	85	950	680
	KT-14	160	240	38	169.0	560	520	460	18	16	455	168	80	110	22	85	1139	869
	KT-15	200	240	45	210.0	640	600	530	22	16	443	192	90	120	25	95	1203	916
	KT-155	200	240	45	210.0	640	600	530	22	16	455	202	90	120	25	95	1245	958
	KT-16	250	315	56	262.0	750	700	625	26	16	547	224	110	225	28	116.0	1570	1100
	KT-17	260	350	63	272.0	980	900	800	26	24	642	265	125	250	32	132.0	1590	1335
	KT-18	350	550	80	365.0	1100	1020	920	26	32	920	305	125	250	32	132.0	2070	1665
3	KT-13	120	175	32	127.0	405	370	340	18	16	336	142	55	75	16	59	874	696
	KT-135	120	175	32	127.0	405	370	340	18	16	336	172	60	80	18	64	997	772
	KT-14	160	240	38	169.0	560	520	460	18	16	455	168	60	80	18	64	1186	960
	KT-15	200	240	45	210.0	640	600	530	22	16	443	192	60	80	18	64	1298	1113
	KT-155	200	240	45	210.0	640	600	530	22	16	455	202	80	110	22	85	1430	1160
	KT-16	250	315	56	262.0	750	700	625	26	16	547	224	80	110	22	85	1654	1385
	KT-17	260	350	63	272.0	980	900	800	26	24	642	265	90	120	139	95	1857	1652
	KT-18	350	550	80	365.0	1100	1020	920	26	32	920	305	110	225	28	116.0	2410	2025
4	KT-13	120	175	32	127.0	405	370	340	18	16	336	142	42	60	12	45	920	753.5
	KT-135	120	175	32	127.0	405	370	340	18	16	336	172	48	75	14	51.5	1021	845
	KT-14	160	240	38	169.0	560	520	460	18	16	455	168	48	75	14	51.5	1210	1038.5
	KT-15	200	240	45	210.0	640	600	530	22	16	443	192	55	75	16	51.5	1342	1164
	KT-155	200	240	45	210.0	640	600	530	22	16	455	202	60	80	18	64	1477	1251
	KT-16	250	315	56	262.0	750	700	625	26	16	547	224	60	80	18	64	1702	1475
	KT-17	260	350	63	272.0	980	900	800	26	24	642	265	60	80	18	64	2070	1825
	KT-18	350	550	80	365.0	1100	1020	920	26	32	920	305	65	85	18	64	2530	2310

NOTE :- FOR DIMENSTION "X" & MOTOR MOUNTING DIMENSIONS PLEASE REFER MOTOR MOUNTING CHART ON PAGE NO-39
FOR MAXIMUM FRAME SIZE PLEASE REFER SELECTION CHARTS



MOTOR MOUNTING DETAILS AS PER FRAME SIZE ISI SANDARD

FRAME SIZE	HOLLOW SHAFT				MOUNTING						AVAILABLE B-5 TYPE MOTORS WITH RPM & POWER			
	Ød F7	h-0.2	j Js9	l min	ØR	ØP	ØQ H8	N	ØS	X	3000 RPM	1500 RPM	1000 RPM	750 RPM
											-	-	-	-
63	11	12.8	4	25	140	115	95	4	M-8	76	0.125 / 0.25	0.125 / 0.25	-	-
71	14	16.3	5	32	160	130	110	4	M-8	76	0.33 / 0.5	0.33 / 0.5	033 / 0.50	0.1 / 0.12
80	19	21.8	6	42	200	165	130	4	M-10	81	0.75 / 1.5	0.75 / 1.0	0.5 / 0.75	0.25 / 0.33
90	24	27.3	8	52	200	165	130	4	M-10	81	1.5 / 2.0	1.5 / 2.0	1.0 / 1.5	0.5 / 0.75
100	28	31.3	8	62	250	215	180	4	M-12	96	3.0 / 4.0	3.0 / 4.0	2.0	1.0 / 1.5
112	28	31.3	8	62	250	215	180	4	M-12	96	5.0 / 5.5	5.0	3.0	2.0
132	38	41.3	10	82	300	265	230	4	M-12	141	7.5 / 10	7.5 / 10	5.0 / 7.5	3.0 / 4.0
160	42	45.3	12	112	350	300	250	4	M-16	180.5	12.5 / 15 / 20	12.5 / 15 / 20	10 / 12.5 / 15	5 / 7.5 / 10
180	48	51.8	14	112	350	300	250	4	M-16	180.5	25 / 30	25 / 30	20	12.5 / 15
200	55	59.3	16	112	400	350	300	4	M-16	209	40 / 50	40	25 / 30	20
225	60	64.4	18	145	450	400	350	8	M-16	238	50 / 60	50 / 60	40	25 / 30
250	65	69.4	18	145	550	500	450	8	M-16	247	75	75/100	50 / 60	40 / 50
280	75	79.9	20	145	550	500	450	8	M-16	272.5	100 / 125	100 / 125 / 150	60 / 75	50 / 60
315	80	85.4	22	175	660	600	550	8	M-20	307.5	150 TO 220	150 TO 220	100 TO 170	75 TO 150
355	100	106.4	28	215	800	740	680	8	M-20	307.5	245 TO 380	245 TO 380	220 TO 300	170 TO 245

Notes

Heavy Duty Planetary gear Box

Power : 10 HP To 75 HP
Torque : 2000 Nm to 200000 Nm
Ratio : 3.17 to 100000

- Rigid in construction
- High overhang capacity.
- Compact Desing.

Screw Jack

Lifting capacity : 5K N To 500 Kn
Power : 0.1 Kw To 15 Kw

- Used In mechanical lifting application

Planetary Crystalliser drive

Power : 1 HP to 40 HP
Torque : Up to 500000 Nm
Ratio : 40 to 4363

- Direct mounting on shaft
- Higher efficiency
- Introducted range of power saving drives to sugar industries.
- Foundation & coupling free.

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- Mill & boiling section of Sugar Industry.
- Crushing & conveying section in cement industry.
- Rolling mill, CCM & tilting section in steel industries
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- Wood Peeling application in plywood industry.
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- Concrete mixing application in construction industry.
- Custom built applications in robotics industry.
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- Main hoist, Creep speed, LT & CT applications in Crane industry
- Mixing & conveying application in Pharmaceuticals industry.
- Clarifier application in waste water treatment plants.
- Extrusion in plastics industry.
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