JRES Stainless Steel Gearmotor Selection Manual

JRES Stainless Steel Gearmotor

JIE Total Drive Solutions Provider

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JIE INTELLIGENT DRIVE SOLUTIONS PROVIDER

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1. Selection Guide

1 **Select JIE Drive product**

Example: Pick the right model, JRESR helical inline stainless steel gearmotor, JRESK helical bevel stainless gearmotor, JRESSD stainless worm gearmotor.

2 **Enter current product brand**

Example: JIE Drive or competitors.

3 **Enter current product specifications**

Example: JRESR helical inline stainless steel gearmotor, JRESK helical bevel stainless gearmotor, size 37~67, ratio 3.41~199.81, input power 0.18~7.5kW, output torque 26~910Nm ,JRESSD stainless worm gearmotor, size 40~63, ratio 7.5~100, input power 0.09~1.5kW, output torque 11~167Nm and other specifications.

4 **Generate JIE Drive model and specifications**

Example: JRESR37SS80M1-4P-0.55-15.60-0°, JRESKA37SS80M1-4P-0.55-28.83-A-0°, JRESSD63-7.5-71B14 and other models.

5 **Generate 2D/3D drawings of JIE Drive products**

Example: 2D/3D drawings of JRESR37SS80M1-4P-0.55-15.60-0°, JRESKA37SS80M1-4P-0.55-28.83-A-0°, JRESSD63-7.5-71B14 and other models.

6 **Confirm the technical quality standard**

Example: The technical and quality standards shall be implemented according to the relevant standards of JIE Drive and the standards agreed by both parties. The warranty period shall be 12 months after start using products or 18 months after shipment from JIE whichever comes earlier.

7 **Confirm delivery standard**

Example: Delivery shall be made according to the time agreed by both parties for the first cooperation; 7 days lead time base on 1+3 rolling plan, including total usage, annual usage, monthly usage, batch usage and sample; confirmation of pre-sales service, in-sales service, after-sales service and pre-order management.

8 **Confirm the settlement price standard**

Example: The order comes into effective after 30% deposition received and products will be delivered after balance payment; price shall be subject to agreed upon both parties.

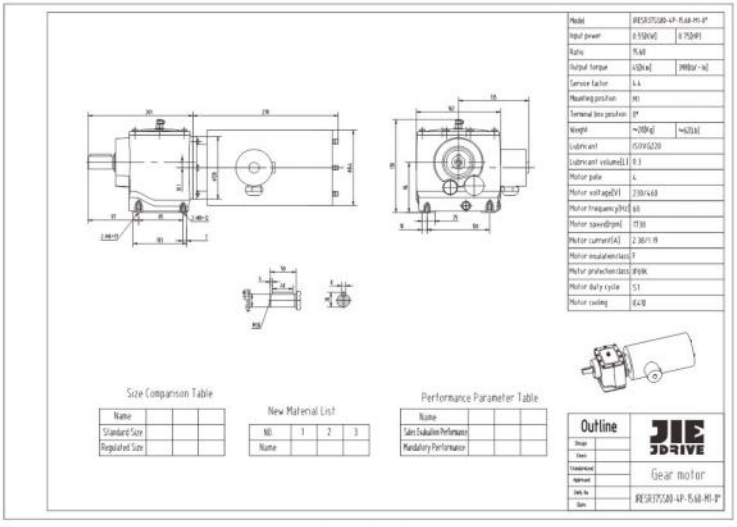
9 **Confirm order information**

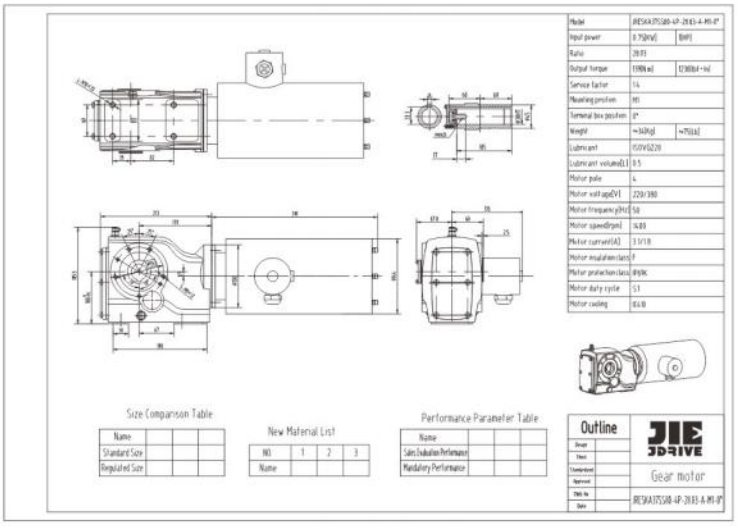
Example: Confirm product type, model, specification; order quantity, color, packaging, transportation, P.O issue time, delivery time, delivery location, receiving company and other order information.

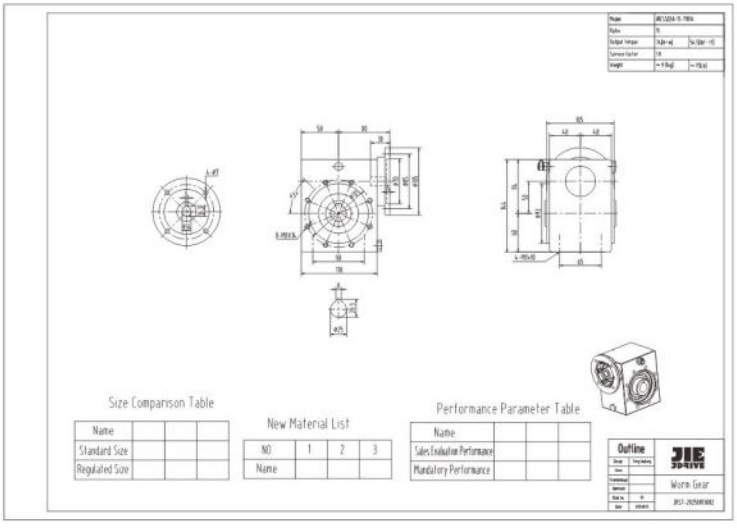
10 **Confirm product delivery information**

Example: Confirm prototype delivery, small batch delivery, batch delivery and other delivery information.

5. Generate 2D/3D drawing of JIE products







2. Product Pictures

JRESR

JRESK

JRESSD
JRESND

3. Product Description

JRES stainless steel gearmotor with independent intellectual property rights. The product adopts the stainless steel casting housing, which conforms to the European Union EHEDG Guidelines Hygienic equipment design criteria. It has beautiful appearance and features low noise, no oil leakage, easy to clean, high protection grade and safety and environmental protection. It includes JRESR helical inline stainless steel gearmotor, JRESK helical bevel stainless gearmotor, JRESSD/JRESND stainless worm gearmotor. All parts of outside all use stainless steel 304 material, and the processing of the gear housing surface have 3 choices, it has machining, polishing and casting.

JRES stainless steel gearmotor promotes lean production, builds intelligent factories, and realizes the integration of research, production, supply, marketing and service, so as to meet customers' demand for rapid response through complete product planning and design such as “core product-extreme technology, peripheral product-extreme service, external product-extreme experience” and the implementation of the optimal plan of lean production in the whole value chain such as “product planning, design validation, processing test, assembly test, warehouse logistics, sales service, information system, HR, operation plan, strategy planning”.

JRES stainless steel gearmotor follows the concept of modular and optimized design. For JRESR helical inline stainless steel gearmotor, JRESK helical bevel stainless gearmotor includes gearmotor, solid shaft output module, hollow shaft output module, foot mounting and other input interface, output module and installation types. For JRESSD/JRESND stainless worm gearmotor includes IEC electric motor interface, solid shaft output module, hollow shaft output module, foot mounting , torque arm mounting and other input interface, output module and installation types. The painting color is original stainless & packed based on order. And it can be customized in design and manufacturing according to customer needs.

JIE is committed to providing great products for great partners across the world, JIE Intelligent Drive Solutions Provider.

4. Model Description

1. JRESR Helical Inline Stainless Steel Gearmotor Model Description

1

Enterprise code
J–JIE Drive

2

Product code
RESR– Stainless steel helical gear reducer for food

3

Installation type
No Code- Foot-mounted
F- Flange-mounted

4

Gear reducer size number
67–Gear reducer size number 67

5

Flange Size
I – No Code–No Flange or Only One Flange or The Smallest Flange
II – Second Bigger Flange
III – Biggest Flange

6

Specification code for stainless steel motor
SS90L–Stainless steel motor size number 90L

7

Motor pole number
Motor pole number 4

8

Power of motor
1.5– Motor power 1.5kw

9

Gear ratio of speed reducer
61.26– Reducer transmission ratio is 61.26

10

Junction box position
No code–0 ° position in installation pattern diagram
180 ° – 180 ° position in the installation pattern diagram



2. JRESK Helical Bevel Stainless Gearmotor Model Description

J	RESK	A	67	– T	SS90L	– 4P	– 1.5	– 76.37	– B	– 180°
1	2	3	4	5	6	7	8	9	10	11

1

Enterprise code
J–JIE Drive

2

Product code
RESK– Stainless steel helical gear reducer for food

3

Assembly type
No code–foot mounting
A–Hollow shaft mounting
F–Flange–mounted
AF–Flange–mounted with Hollow Shaft

4

Gear reducer size number
67–Gear reducer size number 67

5

Torque Arm
No Code-No Torque Arm
T-Torque Arm

6

Specification code for stainless steel motor
SS90L–Stainless steel motor size number 90L

7

Motor pole number
Motor pole number 4

8

Power of motor
1.5– Motor power 1.5kW

9

Gear ratio of speed reducer
76.37– Reducer transmission ratio is 76.37

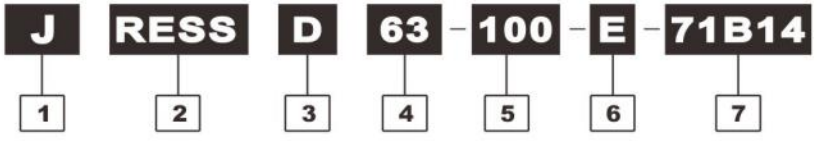
10

Axis direction
A– axis points to A;
B– axis points to B;

11

Junction box position
No code–0° position in installation pattern diagram
180° – 180° position in the installation pattern diagram

3. JRESSD Stainless Worm Gearmotor Model Description



1

Enterprise code
J–JIE Drive

2

Product code
RESS– Stainless steel worm gear reducer–Metric system

3

Input shaft connecting mode D:
with motor flange

4

Product specification: 63,
Named by center distance of worm gear pair

5

Ratio:100

6

Accessory
A–Single output shaft
B–Double output shaft
E–With torque arm
no code–No torque arm

7

Flange Specification
71–Matching motor size number
B5、B14– Flange structure of motor



4. JRESND Stainless Worm Gearmotor Model Description

J	RESN	D	63	–	10	–	E	–	56C
1	2	3	4		5		6		7

1

Enterprise code
J–JIE Drive

2

Product code
RESN– Stainless steel worm gear reducer–Imperial system

3

Input shaft connecting mode D:
with motor flange

4

Product specification: 63,
Named by center distance of worm gear pair

5

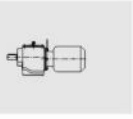
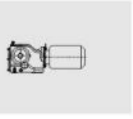
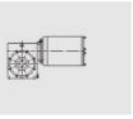
Ratio:100

6

Accessory
A–Single output shaft
B–Double output shaft
E–With torque arm
no code–No torque arm

7

Flange Specification
56C–Matching motor size number

5. Selection Description

1. Service Factor

Gear units are designed under the circumstance of steady load, stated operating time per day and a few sarting times. But the practical condition will be not as perfect as the designed circumstance. So we must confirm driven machine factor f_{B1}, prime mover factor f_{B2}, starting factor f_{B3} according to actual load type, operating time, starting frequency. Let it less than or equale to the servicefactor fe of selection table, viz $ff_{B1}xf_{B2}xf_{B3} \leqslant f_B$. The needed torque of service machine multiply theservice factor ($f_{B1}xf_{B2}xf_{B3}$) should less than or equale to gear units' permissible torque.

$M_a \geqslant M_d x f_{B1} x f_{B2} x f_{B3}$

f_{B1}-driven machine factor(see table 1)

f_{B2}-prime mover factor(see table 2)

f_{B3}-starting factor(see table 3)

M_d-the needed torque of driven machine

M_a-gear units' permissible torque

Table 1	Factor for driven machine	f_{B1}		
Driven machines		The day work hours		
		⩽0.5h	0.5-10h	>10h
Waste water treatment	Thickeners (central drive)	-	-	1.2
	Fitter presses	1.0	1.3	1.5
	Flocculation apparata	0.8	1.0	1.3
	Aerators	-	1.8	2.0
	Raking equipment	1.0	1.2	1.3
	Combined longitudinal and rotary rakes	1.0	1.3	1.5
	Pre-thickeners	-	1.1	1.3
	Screw pumps	-	1.3	1.5
	Water turbines	-	-	2.0
	Centrifugal pumps	1.0	1.2	1.3
	1 piston positive-displacement pumps	1.3	1.4	1.8
	>1 piston positive displacement pumps	1.2	1.4	1.5
Dredgers	Bucker conveyors	-	1.6	1.6
	Dumping devices	-	1.3	1.5
	Carterpillar travelling gears	1.2	1.6	1.8
	Bucket wheel excavators as pick-up	-	1.7	1.7
	Bucket wheel excavators for primitive material	-	2.2	2.2
	Cutter heads	-	2.2	2.2
	Traversing gears*		1.4	1.8
Plate bending machines		-	1.0	1.0
Chemical industry	Extnuders	-	-	1.6
	Dough mills	-	1.8	1.8
	Rubber calenders	-	1.5	1.5
	Cooling drums	-	1.3	1.4
	Mixers for uniform media	1.0	1.3	1.4
	Mixers for non-uniform media	1.4	1.6	1.7
	Agitators for media with uniform density	1.0	1.3	1.5
	Agitators for media with non uniform density	1.2	1.4	1.6
	Agitators for media with non uniform gas absorption	1.4	1.6	1.8
	Toasters	1.0	1.3	1.5
	Centrifuges	1.0	1.2	1.3
Cranes	Slewing gears	2.5	2.5	3.0
	Luffing gears	2.5	2.5	3.0
	Travelling gears	2.5	3.0	3.0
	Hoisting gears	2.5	2.5	3.0
	Derricking jib cranes	2.5	2.5	3.0



Driven machines		The day work hours		
		≤0.5h	0.5-10h	>10h
Metal working mills	Plate titers	1.0	1.0	1.2
	Ingot pushers	1.0	1.2	1.2
	Winding machines	-	1.6	1.6
	Cooling bed transfer frames	-	1.5	1.5
	Roller straighteners	-	1.6	1.6
	Roller tables continuous	-	1.5	1.5
	Roller tables intermittent	-	2.0	2.0
	Roller tables Reversing tube mills	-	1.8	1.8
	Shears continuous*	-	1.5	1.5
	Shears crank type*	1.0	1.0	1.0
	Continuous casting drivers	-	1.4	1.4
	Reversing blooming mills	-	2.5	2.5
	Reversing slabbing mills	-	2.5	2.5
	Reversing wire mills	-	1.8	1.8
	Reversing sheet mills	-	2.0	2.0
	Reversing plate mills	-	1.8	1.8
	Roll adjustment drives	0.9	1.0	-
Conveyors	Bucket conveyors	-	1.2	1.5
	Hauling winches	1.4	1.6	1.6
	Hoists		1.5	1.8
	Belt conveyors<150kw	1.0	1.2	1.3
	Belt conveyors≥150kw	1.1	1.3	1.5
	Goods lifts*	-	1.2	1.5
	Passenger lifts*		1.5	1.8
	Apron conveyors	-	1.2	1.5
	Escalators		1.2	1.4
	Rail travelling gears	-	1.5	-
	Frequency converters	-	1.8	2.0
	Reciprocating compressors	-	1.8	1.9
Cooling towers	Cooling tower fans	-	-	2.0
	Blowers(axial and radial)	-	1.4	1.5
Cane sugar production	Cane knives*	-	-	1.7
	Cane mills	-	-	1.7
Beet sugar production	Beet cossettes macerators	-	-	1.2
	Extraction plants, Mechanical refrigerators, Juice boilers	-	-	1.4
	Sugar beet washing machines	-	-	1.5
	Sugar beet cutters	-	-	1.5
Paper machines	Of all-kind**	-	1.8	2.0
	Pulper drives	2.0	2.0	2.0
	Centrifugal compressors	-	1.4	1.5
Cableways	Material ropeways	-	1.3	1.4
	To-and fro system aerial ropeways	-	1.6	1.8
	T-barlifts	-	1.3	1.4
	Continuous ropeways	-	1.4	1.6
Cement industry	Concrete mixers	-	1.5	1.5
	Breakers*	-	1.2	1.4
	Rotary kilns	-	-	2.0
	Tube mills	-	-	2.0
	Separators	-	1.6	1.6
	Roll crushers	-	-	2.0

Table 2 Factor for prime mover	f_{B2}
Electric motos, hydra-ulic motors, turbines	1.0
Piston engines 4-6 cylinders	1.25
Piston engines 1-3 cylinders	1.5

Table 3 Start factor	f_{B3}
Number of starts and stop/hour	
<10	1
10<f_{B3}<100	1.15
100<f_{B3}<500	1.25

Please understand the following at first in order to select the model of JRESSD、JRESND worm gear reducer properly:

- Load condition.
- Speed scope orratio in application.
- Working condition and environment.
- Installation space

Define working condition Coefficient

- Ensure machinery load types A, B, C according to table 1.
- Get the working condition coefficient K1 from diagram 1 according to turning time (hour/day) and startfrequency(times/hour).
- Inspect working condition and select coefficient

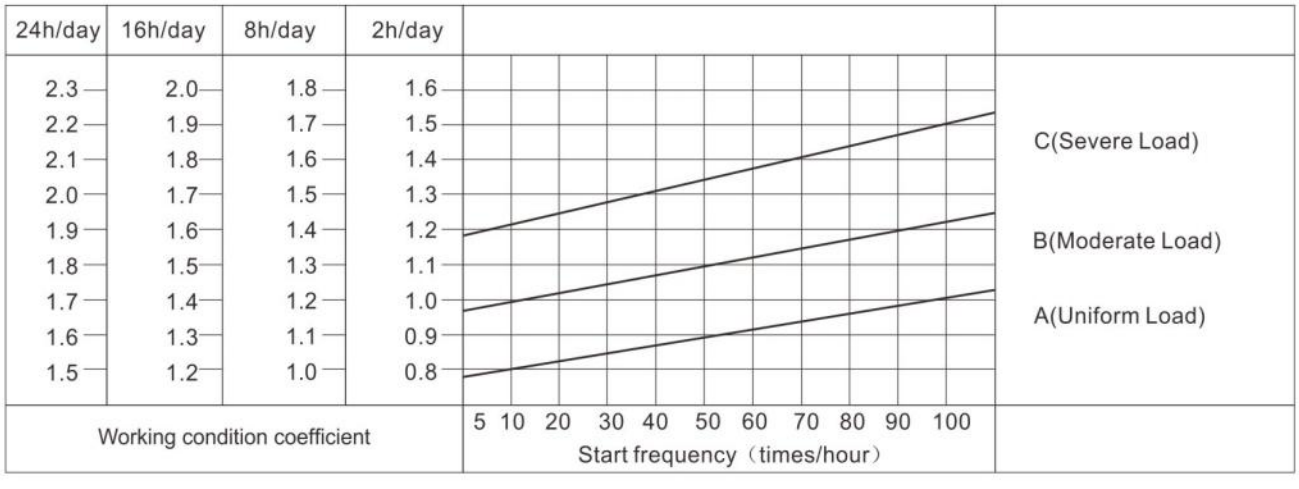
Table 1 Machinery load classification selection

Using situation	Example	Load type
Uniform load	Convey band(uniform conveying)	A(Uniform load)
Moderate Load	Speed changed conveying	B(Moderate load)
Severe Load	Compressor、pulverizer, etc.	C(Severe load)

Table 2 Working condition coefficient

Ambient temperature	Working condition coefficient
-10℃~ 30℃	1
30℃ ~ 40℃	1.1 ~ 1.2

Diagram 1 working condition coefficient



Reducer selected

- At first it is better to make sure the value of input machinery load T(torgue) and then you can get the output torque through T muitiply with work situation coefficient K1 and work situation revise coefficent K2 .The reguired model can be gained by the above and connecting ratio or output speed.

- You can also select the reducer as followings:calculate output torgue according to known input power and then select the reducer in accordance with output torque and rotate speed.
- Our standard reducers all have right-hand helical tooth,deciding the rotating direction of input shaft and output shaft according to the rigtht-hand criterion.

2. Overhung and Axial loads



Determining overhung load

When determining the overhung load, the type of transmission element mounted onthe shaft end must be comsidered. The transmission element factors f_z are listed as follows.

Transmission element	Transmission element factor fz	Comments
Gears	1.15	<17teeth
Chain sprockets	1.40	<13teeth
Chain sprockets	1.25	<20teeth
Narrow V-belt pulleys	1.75	Pre-tensioning influence
Flat belt pulleys	2.50	Pre-tensioning influence
Toothed belt pulleys	2.5	Pre-tensioning influence

The overhung load exerted on the motor or gear shaft is then calculated as follows:

$$F_R = \frac{M_d \cdot 2000}{d_o} \cdot f_z$$

F_R Overhung load in N

M_d Torque ın Nm

d_o Mean dıameter of the mounted transmission element in mm

f_z Transmission element factor

Permitted overhung load

According the rate service life L_{H10} of the anti-friction bearings to define the permitted overhung l -oads.

For the special operating conditions, the permitted overhung loads can be determined by the mo -dified service life L_{na} .

The permitted overhung loads F_{Ra} for the output shafts of foot-mounted gear units with a sold sh-aft are listed in the selection tables for geared motors.Please contact JIE in case of other types.

The data refer to the radial force acting midway on the shaft end (with right-angle gear units on the A-side output).Worst case conditions have been assumed for the force application angle α an -d the direction of rotation.

Higher appproved overhung loads

It possible to achieve a higher overhung load by exactly considering the force application ang -le α and the direction of rotation.In addition,higger output shaft loads are permitted if heavy duty bearings are installed,especially with JRESR,JRESK gear units.Please contact JIE in this case.

Definition of force application

Force application is defined according to the following diagram:

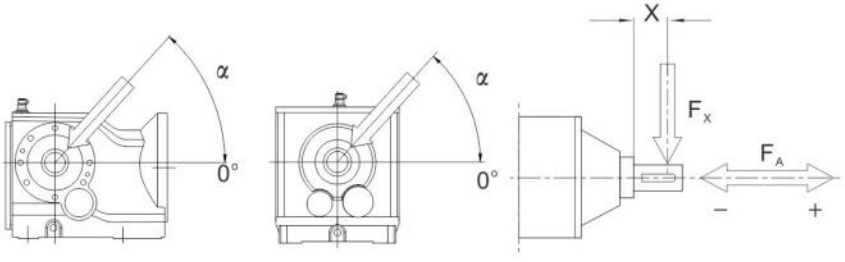


Fig: Definition of force application

F_X= Approved overhung load at point X [N]

F_A= Approved axial load [N]

Approved axial loads

If there is no overhung load,then an axial load FA(tension or compression) amountion to 50% of the overhung load given in the selection tables is approved.This applies to the following geare -d motors:

- Helical geared motors
- Parallel shaft and helical bevel geared motors with solid shaft

Overhung load conversion for off-center force application

The approved overhung loads given in the selection tables must be calculated using the follo -wing formulae in the event of force application not in the center of the shaft e-nd. The smaller of the two values F_{XL} (according to bearing service life) and F_{XW} (according to shaft strength)is the approved value for the overhung load at point x. Note that the calculations apply to $M_{a\,max}$.

F_{XL} acc.to bearing service life $\quad F_{XL} = F_{ra} \cdot \frac{a}{b+x}$ [N]

F_{XW} from the shaft strength $\quad F_{XW} = \frac{c}{f+x}$ [N]

F_{Ra} = Approved overhung load(x=1/2) for foot-mounted gear units according to the selection tables in [N]

X = Distance from the shaft shoulder to the force application point in [mm]

a,b,f = Gear unit constants for overhung liad conversion [mm]

c = Gear unit constant for overhung load conversion [Nmm]

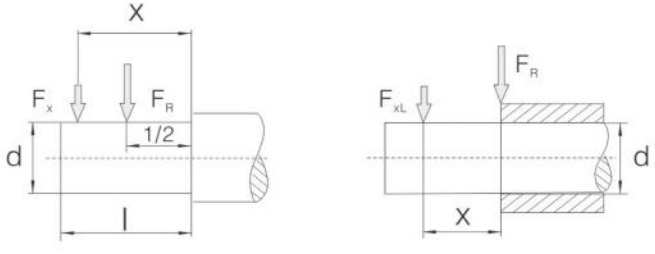


Fig:Overhung load Fx for off-center force application

Gear unit constants for overhung load conversion

Gear unit type	a [mm]	b [mm]	c [Nmm]	f [mm]	d [mm]	l [mm]
JRESR37	118	93	1.24×10^5	0	25	50
JRESR47	137	107	2.44×10^5	15	20	60
JRESR57	147.5	112.5	3.77×10^5	18	35	70
JRESR67	168.5	133.5	2.51×10^5	0	35	70
JRESK37	123.5	98.5	1.41×10^5	0	25	50
JRESK47	153.5	123.5	1.78×10^5	0	30	60
JRESK57	169.7	134.7	6.8×10^5	31	35	70
JRESK67	181.3	141.3	4.12×10^5	0	40	80

Values for types not listed are available on request.



3. Examples for Model Chosen

Ex1 Bucket conveyors
Required torque:100Nm
Speed:About 55r/min
Environment temperature:indoor 20℃
Turning time:12hour/day
Start frequency:5times/hour

Customer demand：Direct connection between reducer and motor ,Requirement JRESR type.Install the sprocket on the output shaft,the diameter of the sprocket indexing circle is 100mm,25teeth,the radial force acting on the sprocket is at the midpoint of the shaft extension.

f_{B1}=1.5； f_{B2}=1.0； f_{B3}=1.0；

According to Table 1、Table 2、Table 3,Bucket conveyors, > 10hour/day,working machine coefficient f_{B1}=1.5,f_{B2}=1.0,f_{B3}=1.0.

Calculate the allowable torque of the gear motor

$M_a \geqslant M_d \times f_{B1} \times f_{B2} \times f_{B3}$=100 × 1.5 × 1.0 × 1.0=150Nm,can choose the closest gear motor.

Choose model:JRESR37SS80M2-4P-0.75-24.42

Input power:0.75kW,Output speed 57r/min,Output torque 127Nm.

Verify radial and axial loads

Calculate formula based on radial force $F_R = \frac{M_d \cdot 2000}{d_0} \cdot f_z = \frac{100 \cdot 2000}{100} \cdot 1.25 = 2500N$,the allowable radial force of the gear motor is 4320N, meet requirement.

EX2 Covey band(moderate load)

Torque:65N m
Speed:About 21r/min
Ratio:1/60
Turning time:16 hours/day
Start frequency:100 times/hour
Environment temperature:indoor 35℃
Connect with motor directly

- As per load classification table 1 :moderate load,choose B;
- As per cross point of 100 times/hours frequency on line B in diagram 1,get coefficient K1 valer is 1.65 that turni -ng time is 16 hours/day;

Get the coefficient K2 1.15 according to table 2;

So the torque value is 65Nm.You can select the model that torque value is the closest to 123 Nm.

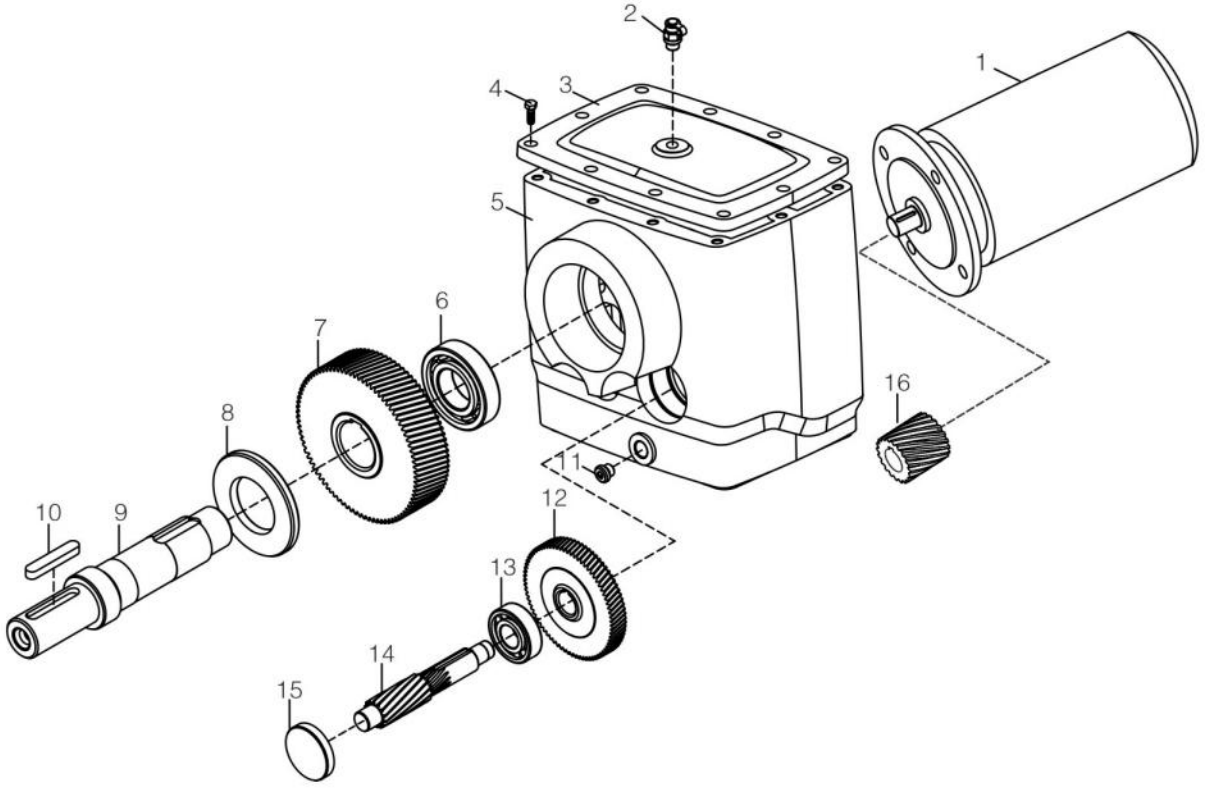
Choose model:JRESSD63-1/60

Input power is 0.55 kW, output speed is 23.3r/min,output torque is 140N m;

You can get the actual output torque through the nominal output torque 140N m mutiply with the coefficient fs 0.9,so the actual output is 126Nm＞123Nm.The selected model is suitable for use.

6. JRESR Helical Inline Stainless Steel Gearmotor

1. Product Structure



NO.	Name	NO.	Name
1	Stainless Steel Motor	9	Output Shaft
2	Breather	10	Key
3	Gearcase Cover	11	Screw Plug
4	Bolt	12	Gear
5	Housing	13	Bearing
6	Bearing	14	Gear Shaft
7	Gear	15	Closing Cover
8	Oil Seal	16	Motor Gear

2. Parameter for Model Chosen

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.18kW					
4.3	395	199.81	9370	1.50	
4.7	365	184.07	9560	1.65	
5.5	310	158.14	9830	1.90	
6.3	270	137.67	10000	2.2	
6.8	255	128.97	10100	2.4	JRESR67SS71M1-6P
7.6	225	113.94	10200	2.7	JRESRF67SS71M1-6P
8.2	210	105.83	10200	2.9	
9.1	190	95.91	10300	3.2	
10	170	86.11	10300	3.5	
12	147	74.17	10400	4.1	
12	138	69.75	10400	4.4	
6.6	260	199.81	10100	2.3	
7.2	240	184.07	10100	2.5	
8.4	205	158.14	10200	2.9	
9.6	179	137.67	10300	3.4	JRESR67SS63M2-4P
10	168	128.97	10300	3.6	JRESRF67SS63M2-4P
12	148	113.94	10400	4.0	
12	138	105.83	10400	4.4	
4.7	370	186.89	7420	1.20	
5.1	340	172.17	7510	1.30	
5.9	290	147.92	7650	1.55	JRESR57SS71M1-6P
6.8	255	128.77	7740	1.75	JRESRF57SS71M1-6P
7.2	240	120.63	7780	1.90	
7.1	245	186.89	7770	1.85	
7.7	225	172.17	7810	2.0	
8.9	193	147.92	7870	2.3	
10	168	128.77	7900	2.7	JRESR57SS63M2-4P
11	157	120.63	7920	2.9	JRESRF57SS63M2-4P
12	139	106.58	7940	3.2	
13	129	98.99	7950	3.5	
15	117	89.71	7970	3.9	
7.5	230	176.88	5740	1.30	
8.1	210	162.94	5810	1.40	JRESR47SS63M2-4P
9.4	182	139.99	5910	1.65	JRESRF47SS63M2-4P
11	159	121.87	5980	1.90	
12	149	114.17	6000	2.0	
13	131	100.86	6040	2.3	
14	122	93.68	6060	2.5	JRESR47SS63M2-4P
16	111	84.90	6080	2.7	JRESRF47SS63M2-4P
17	99	76.23	6100	3.0	
7.0	245	123.66	3060	0.80	
8.3	210	105.28	4840	0.95	JRESR37SS71M1-6P
9.6	179	90.77	5190	1.10	JRESRF37SS71M1-6P
10	167	84.61	5310	1.20	
9.8	176	134.82	5230	1.15	
11	161	123.66	5370	1.25	JRESR37SS63M2-4P
13	137	105.28	5580	1.45	JRESRF37SS63M2-4P
15	118	90.77	5710	1.70	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.18kW					
16	110	84.61	5760	1.80	
18	96	73.96	5840	2.1	
19	90	69.33	5870	2.2	JRESR37SS63M2-4P
22	80	61.18	5920	2.5	JRESRF37SS63M2-4P
24	73	55.76	5940	2.8	
27	63	48.08	5960	3.2	
0.25kW					
4.4	540	199.81	8190	1.10	
4.8	500	184.07	8590	1.20	
5.6	430	158.14	9140	1.40	JRESR67SS71M2-6P
6.4	375	137.67	9500	1.60	JRESRF67SS71M2-6P
6.8	350	128.97	9630	1.70	
7.7	310	113.94	9840	1.95	
8.3	285	105.83	9940	2.1	
6.5	365	199.81	9540	1.65	
7.1	340	184.07	9700	1.80	
8.2	290	158.14	9930	2.1	
9.4	255	137.67	10100	2.4	JRESR67SS71M1-4P
10	235	128.97	10100	2.5	JRESRF67SS71M1-4P
11	210	113.94	10200	2.9	
12	194	105.83	10300	3.1	
14	176	95.91	10300	3.4	
15	158	86.11	10400	3.8	
4.7	505	186.89	6450	0.90	
5.1	465	172.17	7030	0.95	
5.9	400	147.92	7300	1.10	
6.8	350	128.77	7480	1.30	JRESR57SS71M2-6P
7.3	325	120.63	7550	1.35	JRESRF57SS71M2-6P
8.3	290	106.58	7660	1.55	
8.9	270	98.99	7710	1.70	
7.0	345	186.89	7500	1.30	
7.6	315	172.17	7590	1.40	
8.8	270	147.92	7700	1.65	
10	235	128.77	7780	1.90	
11	220	120.63	7810	2.0	JRESR57SS71M1-4P
12	196	106.58	7860	2.3	JRESRF57SS71M1-4P
13	182	98.99	7880	2.5	
14	165	89.71	7910	2.7	
16	148	80.55	7930	3.0	
19	127	69.23	7960	3.5	
7.4	325	176.88	5280	0.90	
8.0	300	162.94	5420	1.00	JRESR47SS71M1-4P
9.3	255	139.99	5630	1.15	JRESRF47SS71M1-4P
11	225	121.87	5770	1.35	
11	210	114.17	5820	1.45	
13	185	100.86	5900	1.60	JRESR47SS71M1-4P
14	172	93.68	5940	1.75	JRESRF47SS71M1-4P
15	156	84.90	5980	1.90	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.25kW					
17	140	76.23	6020	2.1	
19	126	68.54	6050	2.4	
20	118	64.21	6070	2.5	JRESR47SS71M1-4P JRESRF47SS71M1-4P
23	104	56.73	6090	2.9	
25	97	52.69	6100	3.1	
27	88	47.75	6080	3.4	
9.6	250	134.82	2630	0.80	
11	225	123.66	4560	0.90	
12	193	105.28	5030	1.05	
14	167	90.77	5320	1.20	
15	155	84.61	5420	1.30	
18	136	73.96	5590	1.45	
19	127	69.33	5650	1.55	JRESR37SS71M1-4P
21	112	61.18	5750	1.80	JRESRF37SS71M1-4P
23	102	55.76	5800	1.95	
27	88	48.08	5870	2.3	
29	82	44.81	5760	2.4	
33	72	39.17	5540	2.8	
35	67	36.72	5430	3.0	
40	60	32.40	5230	3.4	
0.37kW					
5.7	620	158.14	7300	0.95	
6.5	540	137.67	8210	1.10	JRESR67SS80M1-6P JRESRF67SS80M1-6P
7.0	505	128.97	8530	1.20	
7.9	445	113.94	9010	1.35	
6.9	510	199.81	8480	1.15	
7.5	470	184.07	8820	1.25	
8.7	405	158.14	9310	1.50	
10	355	137.67	9620	1.70	
11	330	128.97	9740	1.80	
12	290	113.94	9920	2.1	
13	270	105.83	10000	2.2	JRESR67SS71M2-4P JRESRF67SS71M2-4P
14	245	95.91	10100	2.4	
16	220	86.11	10200	2.7	
19	190	74.17	10300	3.2	
20	179	69.75	10300	3.4	
23	157	61.26	10400	3.8	
24	146	56.89	10400	4.1	
7.0	505	128.77	6510	0.90	
7.5	475	120.63	7000	0.95	JRESR57SS80M1-6P
8.4	420	106.58	7240	1.10	JRESRF57SS80M1-6P
9.1	390	98.99	7350	1.15	
7.4	480	186.89	6980	0.95	
8.0	440	172.17	7140	1.00	
9.3	380	147.92	7390	1.20	JRESR57SS71M2-4P
11	330	128.77	7550	1.35	JRESRF57SS71M2-4P
11	310	120.63	7610	1.45	
13	275	106.58	7700	1.65	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.37kW					
14	255	98.99	7750	1.80	
15	230	89.71	7800	1.95	
17	205	80.55	7840	2.2	
20	177	69.23	7890	2.5	JRESR57SS71M2-4P JRESRF57SS71M2-4P
21	166	64.85	7910	2.7	
24	147	57.29	7760	3.1	
26	136	53.22	7600	3.3	
29	124	48.23	7380	3.6	
9.9	360	139.99	3490	0.85	
11	310	121.87	5350	0.95	
12	290	114.17	5460	1.05	
14	260	100.86	5630	1.15	
15	240	93.68	5700	1.25	
16	215	84.90	5790	1.40	
18	195	76.23	5870	1.55	
20	176	68.54	5930	1.70	JRESR47SS71M2-4P JRESRF47SS71M2-4P
21	164	64.21	5960	1.80	
24	145	56.73	6010	2.1	
26	135	52.69	5990	2.2	
29	122	47.75	5820	2.5	
32	110	42.87	5650	2.7	
37	95	36.93	5410	3.2	
40	89	34.73	5310	3.4	
41	87	33.79	5270	2.8	
44	80	31.12	5150	2.8	
52	69	26.74	4920	4.4	JRESR47SS71M2-4P JRESRF47SS71M2-4P
59	60	23.28	4720	5.0	
63	56	21.81	4620	5.4	
15	230	90.77	4250	0.85	
16	215	84.61	4720	0.90	JRESR37SS71M2-4P JRESRF37SS71M2-4P
19	189	73.96	5070	1.05	
20	178	69.33	5210	1.15	
23	157	61.18	5410	1.30	
25	143	55.76	5530	1.40	
29	123	48.08	5590	1.60	
31	115	44.81	5480	1.75	JRESR37SS71M2-4P
35	100	39.17	5290	2.0	JRESRF37SS71M2-4P
38	94	36.72	5190	2.1	
43	83	32.40	5010	2.4	
48	74	28.73	4850	2.7	
57	63	24.42	4620	3.2	
49	73	28.32	4830	2.8	
53	67	26.03	4710	2.8	
62	57	22.27	4500	3.5	JRESR37SS71M2-4P JRESRF37SS71M2-4P
71	49	19.31	4320	4.1	
76	46	18.05	4230	4.3	
88	40	15.60	4050	5.0	
104	34	13.25	3850	5.6	JRESR37SS71M2-4P JRESRF37SS71M2-4P
117	30	11.83	3720	6.0	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.55kW					
8.6	610	158.14	7430	1.00	
9.9	530	137.67	8290	1.15	
11	500	128.97	8600	1.20	
12	440	113.94	9060	1.35	
13	410	105.83	9280	1.45	JRESR67SS80M1-4P
14	370	95.91	9520	1.60	JRESRF67SS80M1-4P
16	335	86.11	9730	1.80	
18	285	74.17	9940	2.1	
20	270	69.75	10000	2.2	
22	235	61.26	10100	2.5	
24	220	56.89	10200	2.7	
11	465	120.63	7030	0.95	
13	410	106.58	7260	1.10	
14	380	98.99	7370	1.20	
15	345	89.71	7490	1.30	
17	310	80.55	7600	1.45	
20	265	69.23	7710	1.70	JRESR57SS80M1-4P
21	250	64.85	7750	1.80	JRESRF57SS80M1-4P
24	220	57.29	7530	2.0	
26	205	53.22	7390	2.2	
28	186	48.23	7190	2.4	
31	167	43.30	6980	2.7	
36	144	37.30	6700	3.1	
39	136	35.07	6580	3.3	
52	102	26.31	6060	4.4	
54	97	24.99	5970	4.7	JRESR57SS80M1-4P
62	85	21.93	5740	5.3	JRESRF57SS80M1-4P
73	72	18.60	5460	6.3	
15	360	93.68	3280	0.85	
16	330	84.90	5230	0.90	
18	295	76.23	5450	1.00	
20	265	68.54	5600	1.15	
21	250	64.21	5670	1.20	
24	220	56.73	5790	1.35	JRESR47SS80M1-4P
26	205	52.69	5770	1.45	JRESRF47SS80M1-4P
28	184	47.75	5630	1.65	
32	166	42.87	5470	1.80	
37	143	36.93	5260	2.1	
39	134	34.73	5180	2.2	
46	115	29.88	4970	2.6	
51	103	26.74	4820	2.9	JRESR47SS80M1-4P
58	90	23.28	4630	3.3	JRESRF47SS80M1-4P
62	84	21.81	4550	3.6	
22	235	61.18	3910	0.85	
24	215	55.76	4740	0.95	JRESR37SS80M1-4P
28	186	48.08	5120	1.10	RESRF37SS80M1-4P
30	173	44.81	5230	1.15	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.55kW					
35	151	39.17	5070	1.30	
37	142	36.72	4990	1.40	JRESR37SS80M1-4P
42	125	32.40	4840	1.60	JRESRF37SS80M1-4P
47	111	28.73	4700	1.80	
56	94	24.42	4500	2.1	
61	86	22.27	4390	2.3	
70	75	19.31	4220	2.7	
75	70	18.05	4140	2.9	JRESR37SS80M1-4P
87	60	15.60	3970	3.3	JRESRF37SS80M1-4P
103	51	13.25	3790	3.7	
115	46	11.83	3670	4.0	
0.75kW					
11	670	128.97	4040	0.90	
12	590	113.94	7660	1.00	
13	550	105.83	8120	1.10	
14	500	95.91	8600	1.20	
16	445	86.11	9010	1.35	JRESR67SS80M2-4P
19	385	74.17	9430	1.55	JRESRF67SS80M2-4P
20	360	69.75	9570	1.65	
23	320	61.26	9800	1.90	
24	295	56.89	9910	2.0	
27	270	51.56	10000	2.2	
30	240	46.29	10100	2.5	
13	555	106.58	4610	0.80	
14	515	98.99	6200	0.90	
15	465	89.71	7040	0.95	
17	420	80.55	7240	1.10	JRESR57SS80M2-4P
20	360	69.23	7450	1.25	JRESRF57SS80M2-4P
21	335	64.85	7430	1.35	
24	295	57.29	7220	1.50	
26	275	53.22	7090	1.65	
29	250	48.23	6930	1.80	
32	225	43.30	6740	2.0	
37	194	37.30	6490	2.3	JRESR57SS80M2-4P
39	182	35.07	6380	2.5	JRESRF57SS80M2-4P
46	157	30.18	6130	2.9	
51	140	26.97	5940	3.2	
52	137	26.31	5900	3.3	
55	130	24.99	5820	3.5	JRESR57SS80M2-4P
63	114	21.93	5610	4.0	JRESRF57SS80M2-4P
74	97	18.60	5350	4.7	
20	355	68.54	3660	0.85	
21	335	64.21	4950	0.90	JRESR47SS80M2-4P
24	295	56.73	5450	1.00	JRESRF47SS80M2-4P
26	275	52.69	5480	1.10	
29	250	47.75	5370	1.20	JRESR47SS80M2-4P
32	225	42.87	5240	1.35	JRESRF47SS80M2-4P

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.75kW					
37	192	36.93	5060	1.55	
40	180	34.73	4980	1.65	JRESR47SS80M2-4P
46	155	29.88	4800	1.95	JRESRF47SS80M2-4P
52	139	26.70	4660	2.2	
58	122	23.59	4510	2.5	
52	139	26.74	4660	2.2	
59	121	23.28	4490	2.5	
63	113	21.18	4420	2.7	JRESR47SS80M2-4P
72	100	19.27	4270	3.0	JRESRF47SS80M2-4P
77	93	17.89	4180	3.1	
85	84	16.22	4070	3.3	
29	250	48.08	2330	0.80	
31	235	44.81	4230	0.85	JRESR37SS80M2-4P
35	205	39.17	4720	1.00	JRESRF37SS80M2-4P
38	191	36.72	4740	1.05	
43	168	32.40	4610	1.20	JRESR37SS80M2-4P
48	149	28.73	4490	1.35	JRESRF37SS80M2-4P
57	127	24.42	4320	1.60	
62	116	22.27	4230	1.75	
71	100	19.31	4080	2.0	
76	94	18.05	4010	2.1	
88	81	15.60	3850	2.5	JRESR37SS80M2-4P
104	69	13.25	3690	2.8	JRESRF37SS80M2-4P
117	61	11.83	3570	3.0	
137	53	10.11	3420	3.2	
146	49	9.47	3360	3.4	
1.1kW					
16	645	86.11	6820	0.95	
19	555	74.17	8040	1.10	
20	525	69.75	8370	1.15	
23	460	61.26	8920	1.30	
25	425	56.89	9160	1.40	
27	385	51.56	9420	1.55	JRESR67SS90S-4P
30	345	46.29	9650	1.75	JRESRF67SS90S-4P
35	300	39.88	9890	1.95	
37	280	37.50	9970	2.0	
43	240	32.27	10100	2.2	
49	215	28.83	10200	2.4	
50	210	28.13	10200	2.6	
52	200	26.72	10100	2.7	JRESR67SS90S-4P
60	176	23.44	9730	3.2	JRESRF67SS90S-4P
70	149	19.89	9270	4.0	
20	520	69.23	5990	0.85	
22	485	64.85	6850	0.90	JRESR57SS90S-4P
24	430	57.29	6700	1.05	JRESRF57SS90S-4P
26	400	53.22	6610	1.15	
29	360	48.23	6490	1.25	JRESR57SS90S-4P
32	325	43.30	6350	1.40	JRESRF57SS90S-4P
38	280	37.30	6140	1.60	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
1.1kW					
40	265	35.07	6060	1.70	
46	225	30.18	5850	2.0	
52	200	26.97	5690	2.2	
53	197	26.31	5650	2.3	JRESR57SS90S-4P
56	188	24.99	5580	2.4	JRESRF57SS90S-4P
64	165	21.93	5400	2.7	
75	140	18.60	5170	3.2	
83	126	16.79	5030	3.6	
29	360	47.75	3500	0.85	
33	320	42.87	4850	0.95	
38	275	36.93	4720	1.10	
40	260	34.73	4660	1.15	JRESR47SS90S-4P
47	225	29.88	4520	1.35	JRESRF47SS90S-4P
52	200	26.70	4410	1.50	
59	177	23.59	4290	1.70	
60	175	23.28	4270	1.70	
64	164	21.81	4210	1.85	JRESR47SS90S-4P
73	145	19.27	4080	2.0	JRESRF47SS90S-4P
78	134	17.89	4010	2.2	
86	122	16.22	3910	2.3	
96	109	14.56	3800	2.4	
112	94	12.54	3650	2.7	JRESR47SS90S-4P
119	89	11.79	3590	2.8	JRESRF47SS90S-4P
138	76	10.15	3450	3.0	
154	68	9.07	3340	3.2	
43	245	32.40	2900	0.80	
49	215	28.73	3300	0.95	JRESR37SS90S-4P
57	183	24.42	3720	1.10	JRESRF37SS90S-4P
73	145	19.31	3840	1.40	
78	135	18.05	3790	1.50	JRESR37SS90S-4P
90	117	15.60	3660	1.70	JRESRF37SS90S-4P
106	99	13.25	3520	1.90	
118	89	11.83	3430	2.1	
139	76	10.11	3290	2.2	
148	71	9.47	3230	2.3	JRESR37SS90S-4P
176	60	7.97	3090	2.6	JRESRF37SS90S-4P
210	50	6.67	2920	2.9	
247	43	5.67	2790	3.3	
277	38	5.06	2700	3.6	
1.5kW					
23	620	61.26	7280	0.95	
25	580	56.89	7810	1.05	
27	525	51.56	8370	1.15	
30	470	46.29	8830	1.30	JRESR67SS90L-4P
35	405	39.88	9300	1.45	JRESRF67SS90L-4P
38	380	37.50	9460	1.50	
44	330	32.27	9750	1.65	
49	295	28.83	9920	1.80	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
1.5kW					
50	285	28.13	9950	1.90	
53	270	26.72	9850	2.0	JRESR67SS90L-4P
60	240	23.44	9500	2.4	JRESRF67SS90L-4P
71	200	19.89	9070	3.0	
79	182	17.95	8810	3.2	
27	540	53.22	5140	0.85	JRESR57SS90L-4P
29	490	48.23	6010	0.90	JRESRF57SS90L-4P
33	440	43.30	5920	1.00	
38	380	37.30	5770	1.20	
40	355	35.07	5710	1.25	JRESR57SS90L-4P
47	305	30.18	5540	1.45	JRESRF57SS90L-4P
52	275	26.97	5420	1.65	
54	265	26.31	5390	1.70	
56	255	24.99	5330	1.75	
64	225	21.93	5170	2.0	
76	189	18.60	4980	2.4	JRESR57SS90L-4P
84	171	16.79	4850	2.6	JRESRF57SS90L-4P
95	150	14.77	4700	2.9	
101	142	13.95	4630	3.0	
119	121	11.88	4440	3.4	
38	375	36.93	2380	0.80	JRESR47SS90L-4P
41	355	34.73	3840	0.85	JRESRF47SS90L-4P
47	305	29.88	4220	1.00	
53	270	26.70	4140	1.10	JRESR47SS90L-4P
60	240	23.59	4050	1.25	JRESRF47SS90L-4P
61	235	23.28	4040	1.25	
65	220	21.81	3990	1.35	
73	196	19.27	3890	1.50	
79	182	17.89	3830	1.60	
87	165	16.22	3740	1.65	
97	148	14.56	3650	1.80	
112	127	12.54	3520	1.95	
120	120	11.79	3470	2.1	
139	103	10.15	3340	2.2	JRESR47SS90L-4P
155	92	9.07	3240	2.4	JRESRF47SS90L-4P
176	81	8.01	3140	2.5	
182	79	7.76	3060	2.1	
203	71	6.96	2980	2.3	
235	61	6.00	2860	2.6	
250	57	5.64	2810	2.7	
291	49	4.85	2700	3.0	
325	44	4.34	2610	3.3	
368	39	3.83	2520	3.7	
73	196	19.31	2660	1.00	JRESR37SS90L-4P
78	183	18.05	2840	1.10	JRESRF37SS90L-4P
90	159	15.60	3160	1.25	
106	135	13.25	3350	1.40	JRESR37SS90L-4P
119	120	11.83	3270	1.50	JRESRF37SS90L-4P

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
1.5kW					
140	103	10.11	3160	1.65	
149	96	9.47	3110	1.75	
177	81	7.97	2980	1.95	
211	68	6.67	2820	2.1	JRESR37SS90L-4P
249	58	5.67	2710	2.5	JRESRF37SS90L-4P
279	51	5.06	2630	2.6	
326	44	4.32	2520	2.9	
348	41	4.05	2470	3.0	
414	35	3.41	2360	3.2	
211	68	13.25	2850	2.8	
237	61	11.83	2770	3.0	
277	52	10.11	2650	3.3	JRESR37SS90S-2P
296	48	9.47	2610	3.5	JRESRF37SS90S-2P
351	41	7.97	2480	3.8	
2.2kW					
35	595	39.88	7630	1.00	
38	560	37.50	8020	1.00	JRESR67SS100L1-4P
44	480	32.27	8750	1.10	JRESRF67SS100L1-4P
49	430	28.83	9140	1.20	
60	350	23.44	9140	1.60	
71	295	19.89	8760	2.0	
79	270	17.95	8530	2.2	
89	235	15.79	8240	2.4	
95	220	14.91	8110	2.5	JRESR67SS100L1-4P
111	189	12.70	7760	2.8	JRESRF67SS100L1-4P
122	172	11.54	7560	2.9	
141	149	10.00	7250	3.2	
162	130	8.70	6960	3.4	
181	116	7.79	6760	3.3	
38	555	37.30	4490	0.80	
40	525	35.07	5110	0.85	JRESR57SS100L1-4P
47	450	30.18	5030	1.00	JRESRF57SS100L1-4P
52	400	26.97	4960	1.10	
64	325	21.93	4800	1.40	
76	275	18.60	4660	1.60	
84	250	16.79	4570	1.80	
95	220	14.77	4450	2.0	
101	210	13.95	4390	2.1	JRESR57SS100L1-4P
119	177	11.88	4230	2.3	JRESRF57SS100L1-4P
131	161	10.79	4140	2.4	
151	139	9.35	4000	2.7	
156	135	9.06	3980	2.8	
177	119	7.97	3850	3.0	
107	197	26.31	4340	2.3	
112	187	24.99	4290	2.4	
128	164	21.93	4160	2.8	JRESR57SS90L-2P
151	139	18.60	3990	3.2	JRESRF57SS90L-2P
167	126	16.79	3890	3.6	
190	111	14.77	3760	3.9	
201	104	13.95	3710	4.1	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
2.2kW					
73	285	19.27	3550	1.05	
87	240	16.22	3460	1.15	
97	215	14.56	3400	1.20	
112	187	12.54	3310	1.35	
120	176	11.79	3270	1.40	
139	151	10.15	3160	1.50	
155	135	9.07	3090	1.65	JRESR47SS100L1-4P
176	119	8.01	3000	1.70	JRESRF47SS100L1-4P
182	116	7.76	2910	1.40	
203	104	6.96	2840	1.55	
235	89	6.00	2740	1.75	
250	84	5.64	2700	1.85	
291	72	4.85	2600	2.1	
325	65	4.34	2530	2.3	
368	57	3.83	2440	2.5	
121	174	23.28	3260	1.70	
129	163	21.81	3220	1.85	
146	144	19.27	3130	2.1	
157	134	17.89	3080	2.2	
173	121	16.22	3010	2.3	JRESR47SS90L-2P
193	109	14.56	2930	2.4	JRESRF47SS90L-2P
224	94	12.54	2830	2.7	
238	88	11.79	2780	2.8	
277	76	10.15	2680	3.0	
310	68	9.07	2600	3.2	
351	60	8.01	2510	3.4	
90	230	15.60	1070	0.85	JRESR37SS100L1-4P
106	198	13.25	1660	0.95	JRESRF37SS100L1-4P
119	176	11.83	1990	1.05	
140	151	10.11	2360	1.15	
149	141	9.47	2480	1.20	
177	119	7.97	2750	1.30	
211	99	6.67	2470	1.45	
249	84	5.67	2570	1.70	JRESR37SS100L1-4P
279	75	5.06	2500	1.80	JRESRF37SS100L1-4P
326	64	4.32	2410	1.95	
348	60	4.05	2370	2.0	
414	51	3.41	2270	2.2	
146	144	19.31	2440	1.4	
156	135	18.05	2560	1.5	JRESR37SS90L-2P
180	117	15.60	2780	1.7	JRESRF37SS90L-2P
212	99	13.25	2700	1.9	
237	89	11.83	2630	2.1	
278	76	10.11	2540	2.3	JRESR37SS90L-2P
297	71	9.47	2500	2.4	JRESRF37SS90L-2P
352	60	7.97	2390	2.6	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
2.2kW					
421	50	6.67	2260	2.9	
496	42	5.67	2170	3.4	
555	38	5.06	2100	3.6	JRESR37SS90L-2P
650	32	4.32	2010	3.9	JRESRF37SS90L-2P
694	30	4.05	1980	4.0	
824	26	3.41	1880	4.4	
3.0kW					
60	480	23.44	8730	1.15	
70	405	19.89	8420	1.45	
78	365	17.95	8230	1.60	
89	325	15.79	7980	1.75	JRESR67SS100L2-4P
94	305	14.91	7860	1.80	JRESRF67SS100L2-4P
110	260	12.70	7550	2.0	
121	235	11.54	7360	2.1	
140	205	10.00	7090	2.3	
52	550	26.97	4330	0.80	JRESR57SS100L2-4P JRESRF57SS100L2-4P
64	450	21.93	4380	1.00	
75	380	18.60	4300	1.20	JRESR57SS100L2-4P JRESRF57SS100L2-4P
83	345	16.79	4250	1.30	
95	300	14.77	4160	1.45	
100	285	13.95	4130	1.50	
118	245	11.88	4010	1.65	
130	220	10.79	3940	1.75	
150	191	9.35	3820	1.95	
155	185	9.06	3810	2.0	
176	163	7.97	3700	2.2	JRESR57SS100L2-4P JRESRF57SS100L2-4P
186	154	7.53	3650	2.3	
218	131	6.41	3520	2.6	
240	119	5.82	3430	2.7	
277	103	5.05	3310	3.0	
319	90	4.39	3190	3.1	
128	225	21.93	3950	2.0	
151	190	18.60	3820	2.4	
167	172	16.79	3730	2.6	
190	151	14.77	3620	2.9	JRESR57SS100L-2P JRESRF57SS100L-2P
201	143	13.95	3570	3.0	
236	122	11.88	3440	3.3	
259	110	10.79	3360	3.5	
86	330	16.22	2030	0.85	
96	300	14.56	2500	0.90	JRESR47SS100L2-4P JRESRF47SS100L2-4P
112	255	12.54	3040	0.95	
119	240	11.79	3040	1.00	JRESR47SS100L2-4P
138	210	10.15	2970	1.10	JRESRF47SS100L2-4P
154	186	9.07	2910	1.20	
175	164	8.01	2840	1.25	JRESR47SS100L2-4P JRESRF47SS100L2-4P
181	159	7.76	2740	1.05	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
3.0kW					
201	143	6.96	2680	1.10	
233	123	6.00	2610	1.25	
248	115	5.64	2580	1.35	JRESR47SS100L2-4P
288	99	4.85	2490	1.50	JRESRF47SS100L2-4P
323	89	4.34	2430	1.65	
365	78	3.83	2360	1.85	
237	121	11.79	2670	2.0	
276	104	10.15	2580	2.2	
309	93	9.07	2510	2.4	
349	82	8.01	2430	2.5	
361	79	7.76	2370	2.1	
402	71	6.96	2310	2.2	JRESR47SS100L-2P
467	61	6.00	2220	2.5	JRESRF47SS100L-2P
496	58	5.64	2190	2.7	
577	50	4.85	2100	3.0	
646	44	4.34	2040	3.3	
731	39	3.83	1970	3.7	
139	205	10.11	780	0.80	
148	194	9.47	1010	0.85	JRESR37SS100L2-4P
176	163	7.97	1510	0.95	JRESRF37SS100L2-4P
210	137	6.67	1250	1.05	
247	116	5.67	1630	1.25	
277	104	5.06	1830	1.30	JRESR37SS100L2-4P
324	88	4.32	2070	1.45	JRESRF37SS100L2-4P
346	83	4.05	2140	1.45	
411	70	3.41	2180	1.60	
277	103	10.11	2340	1.65	
296	97	9.47	2380	1.70	
351	82	7.97	2290	1.90	
420	68	6.67	2170	2.1	
494	58	5.67	2090	2.5	JRESR37SS100L-2P
553	52	5.06	2030	2.6	JRESRF37SS100L-2P
648	44	4.32	1950	2.9	
692	41	4.05	1920	3.0	
821	35	3.41	1840	3.2	
4.0kW					
71	535	19.89	7960	1.10	
79	485	17.95	7800	1.20	
90	425	15.79	7600	1.30	
95	400	14.91	7510	1.35	
112	340	12.70	7240	1.50	
123	310	11.54	7080	1.60	JRESR67SS112M-4P
142	270	10.00	6840	1.75	JRESRF67SS112M-4P
163	235	8.70	6600	1.90	
182	210	7.79	6440	1.80	
193	198	7.36	6340	1.85	
227	169	6.27	6070	1.95	
249	153	5.70	5920	2.0	

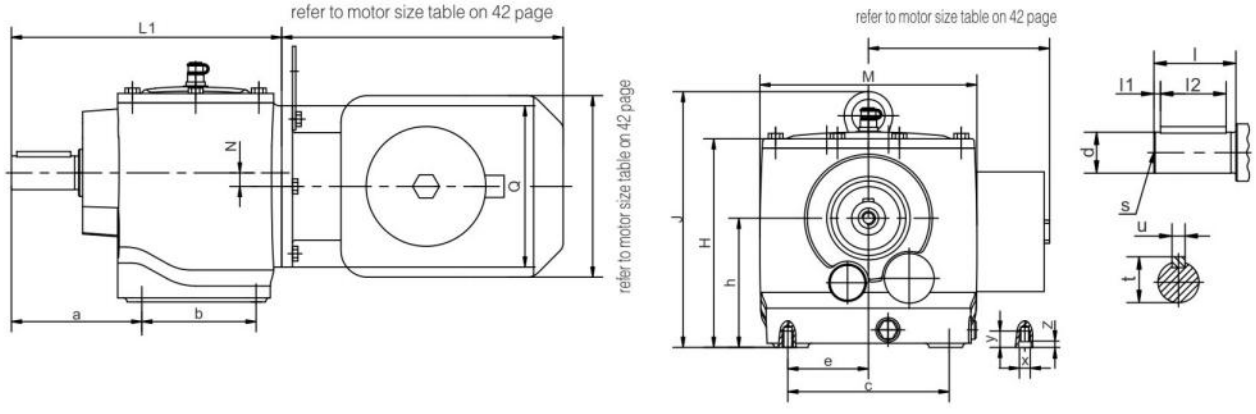
Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
4.0kW					
288	133	4.93	5680	2.2	JRESR67SS112M-4P
331	116	4.29	5460	2.3	JRESRF67SS112M-4P
76	500	18.60	3520	0.90	
85	450	16.79	3830	1.00	JRESR57SS112M-4P
96	395	14.77	3800	1.10	JRESRF57SS112M-4P
102	375	13.95	3780	1.15	
120	320	11.88	3710	1.25	
132	290	10.79	3660	1.35	
152	250	9.35	3580	1.45	
157	245	9.06	3590	1.55	
178	215	7.97	3500	1.65	JRESR57SS112M-4P
189	205	7.53	3470	1.75	JRESRF57SS112M-4P
222	172	6.41	3350	1.95	
244	157	5.82	3280	2.0	
281	136	5.05	3180	2.3	
323	118	4.39	3070	2.4	
140	275	10.15	1960	0.85	JRESR47SS112M-4P
157	245	9.07	2350	0.90	JRESRF47SS112M-4P
177	215	8.01	2640	0.95	
204	187	6.96	2480	0.85	
237	161	6.00	2430	0.95	
252	152	5.64	2410	1.00	JRESR47SS112M-4P
293	131	4.85	2350	1.15	JRESRF47SS112M-4P
327	117	4.34	2300	1.25	
371	103	3.83	2250	1.40	
176	215	16.22	2640	1.25	
196	195	14.56	2600	1.35	
228	168	12.54	2540	1.50	
242	158	11.79	2510	1.55	
282	136	10.15	2440	1.70	
315	121	9.07	2390	1.80	
357	107	8.01	2320	1.90	JRESR47SS112M-2P
369	104	7.76	2250	1.55	JRESRF47SS112M-2P
411	93	6.96	2200	1.70	
477	80	6.00	2130	1.95	
507	75	5.64	2100	2.1	
589	65	4.85	2020	2.3	
660	58	4.34	1970	2.5	
746	51	3.83	1910	2.8	
5.5kW					
91	580	15.79	6610	0.95	
96	550	14.91	6900	1.00	
113	465	12.70	6810	1.10	
124	425	11.54	6690	1.20	JRESR67SS132S-4P
143	365	10.00	6500	1.30	JRESRF67SS132S-4P
164	320	8.70	6310	1.40	
183	285	7.79	6180	1.35	
194	270	7.36	6100	1.35	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
5.5kW					
228	230	6.27	5860	1.45	
251	210	5.70	5720	1.50	JRESR67SS132S-4P
290	181	4.93	5510	1.60	JRESRF67SS132S-4P
333	158	4.29	5310	1.70	
331	159	8.70	5300	2.8	
369	142	7.79	5160	2.7	
391	134	7.36	5080	2.8	JRESR67SS132S1-2P
460	114	6.27	4860	2.9	JRESRF67SS132S1-2P
506	104	5.70	4730	3.0	
584	90	4.93	4540	3.2	
671	78	4.29	4350	3.5	
97	545	14.77	1730	0.80	
103	510	13.95	2070	0.85	JRESR57SS132S-4P
120	435	11.88	2900	0.95	JRESRF57SS132S-4P
132	395	10.79	3270	1.00	
153	345	9.35	3240	1.10	
179	295	7.97	3220	1.20	
190	275	7.53	3200	1.25	JRESR57SS132S-4P
223	235	6.41	3120	1.40	JRESRF57SS132S-4P
246	215	5.82	3080	1.50	
283	185	5.05	3000	1.65	
326	161	4.39	2920	1.75	
308	171	9.35	2930	2.2	
361	145	7.97	2850	2.4	
383	137	7.53	2820	2.6	JRESR57SS132S1-2P
449	117	6.41	2720	2.9	JRESRF57SS132S1-2P
494	106	5.82	2660	3.0	
571	92	5.05	2560	3.3	
656	80	4.39	2470	3.5	
295	178	4.85	1870	0.85	JRESR47SS132S-4P
330	159	4.34	2110	0.90	JRESRF47SS132S-4P
373	141	3.83	2080	1.00	
230	230	12.54	1730	1.10	
244	215	11.79	1910	1.15	
284	185	10.15	2250	1.25	
318	165	9.07	2220	1.35	
359	146	8.01	2170	1.40	JRESR47SS132S1-2P
480	109	6.00	2000	1.45	JRESRF47SS132S1-2P
511	103	5.64	1970	1.50	
593	89	4.85	1920	1.70	
664	79	4.34	1870	1.85	
752	70	3.83	1820	2.1	
7.5kW					
113	635	12.70	4240	0.80	
124	580	11.54	4860	0.85	JRESR67SS132M-4P
143	500	10.00	5620	0.95	JRESRF67SS132M-4P
164	435	8.70	5930	1.00	
183	390	7.79	5500	0.95	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
7.5kW					
194	370	7.36	5720	1.00	
228	315	6.27	5600	1.05	JRESR67SS132M-4P
251	285	5.70	5480	1.10	JRESRF67SS132M-4P
290	245	4.93	5300	1.15	
333	215	4.29	5130	1.25	
179	400	7.97	980	0.90	
190	375	7.53	1280	0.95	
223	320	6.41	2020	1.05	JRESR57SS132M-4P
246	290	5.82	2380	1.10	JRESRF57SS132M-4P
283	255	5.05	2760	1.20	
326	220	4.39	2710	1.25	
196	365	14.77	2580	1.20	
208	345	13.95	2780	1.25	
244	295	11.88	2780	1.40	
269	265	10.79	2750	1.45	
310	230	9.35	2710	1.60	JRESR57SS132S2-2P
364	197	7.97	2670	1.80	JRESRF57SS132S2-2P
385	186	7.53	2640	1.90	
452	158	6.41	2570	2.1	
498	144	5.82	2520	2.2	
575	125	5.05	2440	2.5	
660	108	4.39	2370	2.6	

3. Installation Dimensions

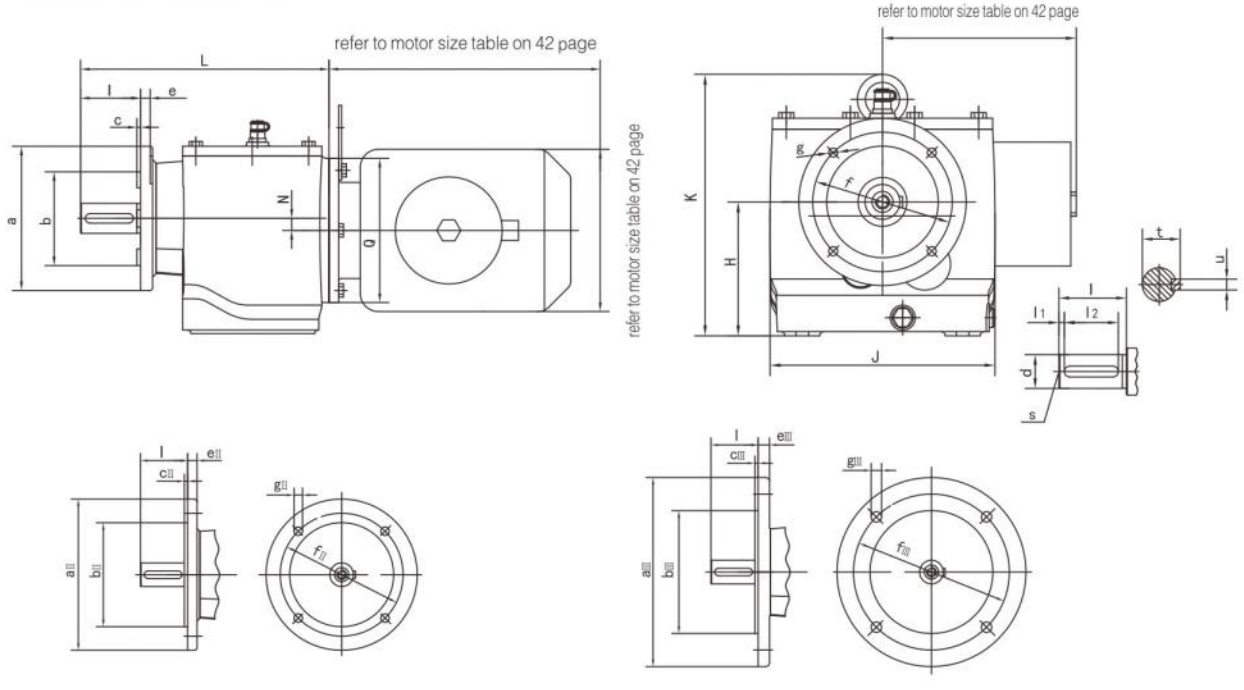
JRESR37..~JRESR67..



Model	a b	c e	h H J	N	Q	X Y Z	L1 M	Axial Extension				
								d	I	I 1 I 2	S	t u
JRESR37..	97 85	120 60	96 155 177	10.1	120	M8 12 4	201 162	25k6	50	4 40	M10	28 8
JRESR47..	113 103	140 70	115 193 233	14	160	M10 17 4	235 175	30k6	60	3.5 50	M10	33 8
JRESR57..	131 100	166 83	115 193 236	11.2	160	M10 17 4	257 200	35k6	70	7 56	M12	38 10
JRESR67..	143 114	170 85	130 209 241.5	20.7	160	M12 21 4	280 212	35k6	70	7 56	M12	38 10

Notice: SS63-90 stainless steel electric motor can also provide the tail outlet, please consult JIE for details.

JRESRF37..~JRESRF67..

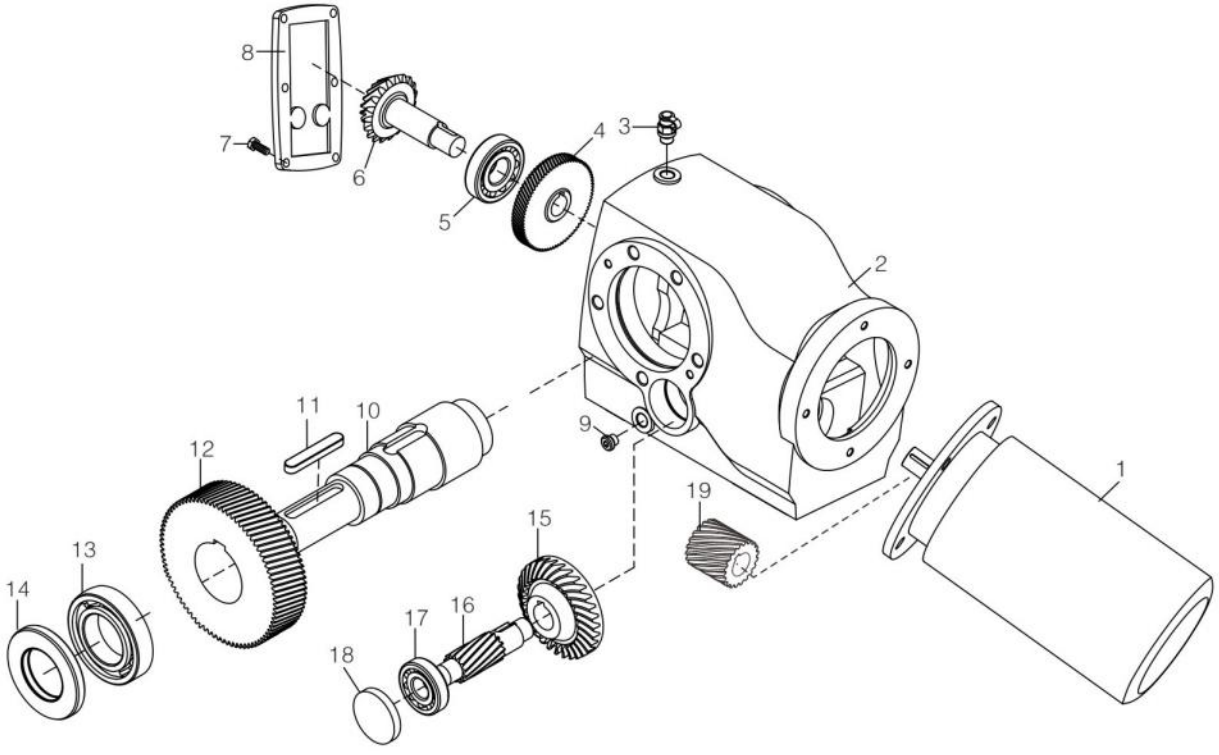


Model	a a II a III	b b II b III	c c II c III	e e II e III	f f II f III	g g II g III	H J K	L N	Q	Axial Extension				
										d	l	l1 l2	S	t u
JRESRF37..	120 160 200	80j6 110j6 130j6	3 3.5 3.5	8 10 12	100 130 165	6.6 9 11	96 162 177	207 10.1	120	25k6	50	3.5 40	M10	28 8
JRESRF47..	140 160 200	95j6 110j6 130j6	3 3.5 3.5	10 10 12	115 130 165	9 9 11	115 175 233	235 14	160	30k6	60	3.5 50	M10	33 8
JRESRF57..	160 200 250	110j6 130j6 180j6	3.5 3.5 4	10 12 15	130 165 215	9 11 13.5	115 200 236	256.5 11.2	160	35k6	70	7 56	M12	38 10
JRESRF67..	200 250 /	130j6 180j6 /	3.5 4 /	12 15 /	165 215 /	11 13.5 /	130 212 241.5	280 20.7	160	35k6	70	7 56	M12	38 10

Notice: SS63-90 stainless steel electric motor can also provide the tail outlet, please consult JIE for details.

7. JRESK Helical Bevel Stainless Gearmotor

1 Product Structure



NO.	Name	NO.	Name
1	Stainless Steel Motor	11	Key
2	Housing	12	Gear
3	Breather	13	Bearing
4	Gear	14	Oil Seal
5	Bearing	15	Bevel Gear
6	Bevel Gear Shaft	16	Gear Shaft
7	Bolt	17	Bearing
8	Gearcase Cover	18	Closing Cover
9	Screw Plug	19	Motor Gear
10	Output Shaft		

2. Parameter for Model Chosen

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.18kW					
6.0	285	144.79	13000	2.9	JRESK67SS71M1-6P
7.0	245	123.54	13000	3.4	JRESKF67SS71M1-6P
8.1	215	108.03	13000	3.8	JRESKA67SS71M1-6P
8.5	205	102.62	13000	4.0	JRESKAF67SS71M1-6P
9.1	189	144.79	13000	4.3	JRESK67SS63M2-4P
11	161	123.54	13000	5.1	JRESKF67SS63M2-4P
12	141	108.03	13000	5.8	JRESKA67SS63M2-4P
					JRESKAF67SS63M2-4P
6.0	285	145.14	9340	2.1	
7.0	245	123.85	9480	2.5	JRESK57SS71M1-6P
8.0	215	108.29	9590	2.8	JRESKF57SS71M1-6P
8.5	205	102.88	9620	3.0	JRESKA57SS71M1-6P
9.6	178	90.26	9700	3.4	JRESKAF57SS71M1-6P
9.1	189	145.14	9670	3.2	
11	161	123.85	9750	3.7	JRESK57SS63M2-4P
12	141	108.29	9810	4.3	JRESKF57SS63-M24P
13	134	102.88	9830	4.5	JRESKA57SS63M2-4P
15	118	90.26	9880	5.1	JRESKAF57SS63M2-4P
17	100	76.56	9920	6.0	
6.6	260	131.87	7380	1.55	
7.2	240	121.48	7530	1.65	JRESK47SS71M1-6P
8.3	205	104.37	7740	1.95	JRESKF47SS71M1-6P
9.6	180	90.86	7880	2.2	JRESKA47SS71M1-6P
10	168	85.12	7930	2.4	JRESKAF47SS71M1-6P
10	172	131.87	7910	2.3	
11	158	121.48	7970	2.5	JRESK47SS63M2-4P
13	136	104.37	8060	2.9	JRESKF47SS63M2-4P
15	118	90.86	8120	3.4	JRESKA47SS63M2-4P
16	111	85.12	8140	3.6	JRESKAF47SS63M2-4P
8.2	210	106.38	5520	0.95	JRESK37SS71M1-6P
8.9	193	97.81	5710	1.05	JRESKF37SS71M1-6P
10	165	83.69	5990	1.20	JRESKA37SS71M1-6P
12	143	72.54	6170	1.40	JRESKAF37SS71M1-6P
12	139	106.38	6210	1.45	
14	127	97.81	6280	1.55	
16	109	83.69	6400	1.85	
18	95	72.54	6470	2.1	
19	88	67.80	6500	2.3	JRESK37SS63M2-4P
23	76	58.60	6280	2.6	JRESKF37SS63M2-4P
27	65	49.79	6010	3.1	JRESKA37SS63M2-4P
30	58	44.46	5830	3.5	JRESKAF37SS63M2-4P
35	49	37.97	5580	4.1	
37	46	35.57	5480	4.3	
44	39	29.96	5220	5.1	
46	38	28.83	5160	5.3	
53	33	24.99	4950	6.2	
57	30	23.36	4850	6.4	JRESK37SS63M2-4P
65	26	20.19	4650	7.0	JRESKF37SS63M2-4P
77	22	17.15	4430	8.1	JRESKA37SS63M2-4P
86	20	15.31	4280	8.8	JRESKAF37SS63M2-4P

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.18kW					
101	17	13.08	4080	9.7	
109	16	12.14	3980	10	JRESK37SS63M2-4P
126	14	10.49	3810	12	JRESKF37SS63M2-4P
148	12	8.91	3620	14	JRESKA37SS63M2-4P
166	10	7.96	3490	15	JRESKAF37SS63M2-4P
0.25kW					
6.1	395	144.79	12800	2.1	JRESK67SS71M2-6P
7.1	335	123.54	13000	2.5	JRESKF67SS71M2-6P
8.1	295	108.03	13000	2.8	JRESKA67SS71M2-6P
8.6	280	102.62	13000	3.0	JRESKAF67SS71M2-6P
9.0	265	144.79	13000	3.1	JRESK67SS71M1-4P
11	225	123.54	13000	3.6	JRESKF67SS71M1-4P
12	198	108.03	13000	4.1	JRESKA67SS71M1-4P
13	189	102.62	13000	4.3	JRESKAF67SS71M1-4P
6.1	395	145.14	8910	1.50	
7.1	335	123.85	9150	1.80	JRESK57SS71M2-6P
8.1	295	108.29	9310	2.0	JRESKF57SS71M2-6P
8.6	280	102.88	9360	2.2	JRESKA57SS71M2-6P
9.8	245	90.26	9480	2.5	JRESKAF57SS71M2-6P
11	210	76.56	9610	2.9	
9.0	265	145.14	9410	2.2	
11	225	123.85	9540	2.6	JRESK57SS71M1-4P
12	199	108.29	9640	3.0	JRESKF57SS71M1-4P
13	189	102.88	9670	3.2	JRESKA57SS71M1-4P
14	166	90.26	9740	3.6	JRESKAF57SS71M1-4P
17	141	76.56	9810	4.3	
6.7	360	131.87	6470	1.10	
7.2	330	121.48	6780	1.20	JRESK47SS71M2-6P
8.4	285	104.73	7210	1.40	JRESKF47SS71M2-6P
9.7	245	90.86	7480	1.60	JRESKA47SS71M2-6P
10	230	85.12	7590	1.75	JRESKAF47SS71M2-6P
9.9	240	131.87	7510	1.65	
11	225	121.48	7640	1.80	JRESK47SS71M1-4P
12	192	104.37	7820	2.1	JRESKF47SS71M1-4P
14	167	90.86	7930	2.4	JRESKA47SS71M1-4P
15	156	85.12	7980	2.6	JRESKAF47SS71M1-4P
11	225	83.69	5300	0.90	
12	197	72.54	5680	1.00	JRESK37SS71M2-6P
13	184	67.80	5810	1.10	JRESKF37SS71M2-6P
15	159	58.60	6050	1.25	JRESKA37SS71M2-6P
18	135	49.79	6230	1.50	JRESKAF37SS71M2-6P
12	195	106.38	5690	1.00	
13	180	97.81	5860	1.10	JRESK37SS71M1-4P
16	154	83.69	6090	1.30	JRESKF37SS71M1-4P
18	133	72.54	6250	1.50	JRESKA37SS71M1-4P
19	125	67.80	6230	1.60	JRESKAF37SS71M1-4P
22	108	58.60	6030	1.85	

1)Overhung load specified for foot-mounted gear unit with solid shaft

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.25kW					
26	91	49.79	5810	2.2	
29	82	44.46	5650	2.5	
34	70	37.97	5430	2.9	
37	65	35.57	5340	3.1	
43	55	29.96	5100	3.6	
45	53	28.83	5050	3.8	
52	46	24.99	4860	4.4	
56	43	23.36	4770	4.6	JRESK37SS71M1-4P
64	37	20.19	4580	5.0	JRESKF37SS71M1-4P
76	32	17.15	4370	5.7	JRESKA37SS71M1-4P
85	28	15.31	4230	6.2	JRESKAF37SS71M1-4P
99	24	13.08	4030	6.9	
107	22	12.14	3940	7.2	
124	19	10.49	3780	8.3	
146	16	8.91	3590	9.8	
163	15	7.96	3470	11	
191	13	6.80	3310	12	
204	12	6.37	3240	12	
0.37kW					
7.3	485	123.54	12500	1.70	JRESK67SS80M1-6P
8.3	425	108.03	12700	1.95	JRESKF67SS80M1-6P
8.8	405	102.62	12800	2.0	JRESKA67SS80M1-6P
10	355	90.04	13000	2.3	JRESKAF67SS80M1-6P
9.5	370	144.79	12900	2.2	
11	315	123.54	13000	2.6	JRESK67SS71M2-4P
13	275	108.03	13000	3.0	JRESKF67SS71M2-4P
15	230	90.04	13000	3.6	JRESKA67SS71M2-4P
18	196	76.37	13000	4.2	JRESKAF67SS71M2-4P
7.3	485	123.85	8490	1.25	
8.3	425	108.29	8770	1.40	JRESK57SS80M1-6P
8.8	405	102.88	8870	1.50	JRESKF57SS80M1-6P
10	355	90.26	9070	1.70	JRESKA57SS80M1-6P
12	300	76.56	9280	2.0	JRESKAF57SS80M1-6P
13	270	69.12	9390	2.2	
9.5	370	145.14	9000	1.60	
11	315	123.85	9220	1.90	JRESK57SS71M2-4P
13	275	108.29	9370	2.2	JRESKF57SS71M2-4P
13	265	102.88	9420	2.3	JRESKA57SS71M2-4P
15	230	90.26	9530	2.6	JRESKAF57SS71M2-4P
18	196	76.56	9650	3.1	
20	177	69.12	9700	3.4	
8.6	410	104.37	5490	1.00	JRESK47SS80M1-6P
9.9	355	90.86	6480	1.10	JRESKF47SS80M1-6P
11	335	85.12	6730	1.20	JRESKA47SS80M1-6P
12	295	75.20	7100	1.35	JRESKAF47SS80M1-6P
10	340	131.87	6690	1.20	JRESK47SS71M2-4P
11	310	121.48	6960	1.30	JRESKF47SS71M2-4P
13	265	104.37	7330	1.50	JRESKA47SS71M2-4P
					JRESKAF47SS71M2-4P

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.37kW					
15	235	90.86	7580	1.70	
16	220	85.12	7670	1.85	JRESK47SS71M2-4P
18	193	75.20	7810	2.1	JRESKF47SS71M2-4P
20	179	69.84	7880	2.2	JRESKA47SS71M2-4P
22	162	63.30	7960	2.5	JRESKAF47SS71M2-4P
14	250	97.81	2520	0.80	
16	215	83.69	5470	0.95	
19	186	72.54	5690	1.10	
20	174	67.80	5630	1.15	
24	150	58.60	5510	1.35	
28	128	49.79	5350	1.55	
31	114	44.46	5230	1.75	
36	97	37.97	5060	2.1	
39	91	35.57	4990	2.2	
46	77	29.96	4800	2.6	
48	74	28.83	4750	2.7	JRESK37SS71M2-4P
55	64	24.99	4590	3.1	JRESKF37SS71M2-4P
59	60	23.36	4510	3.3	JRESKA37SS71M2-4P
68	52	20.19	4350	3.6	JRESKAF37SS71M2-4P
80	44	17.15	4160	4.1	
90	39	15.31	4040	4.5	
105	34	13.08	3860	4.9	
114	31	12.14	3780	5.1	
132	27	10.49	3630	6.0	
155	23	8.91	3460	7.0	
173	20	7.96	3350	7.6	
203	17	6.80	3190	8.6	
217	16	6.37	3130	8.9	
257	14	5.36	2970	10	
0.55kW					
7.3	720	123.54	11100	1.15	
8.3	630	108.03	11700	1.30	JRESK67SS80M2-6P
8.8	600	102.62	11900	1.35	JRESKF67SS80M2-6P
10	525	90.04	12300	1.55	JRESKA67SS80M2-6P
12	445	76.37	12600	1.85	JRESKAF67SS80M2-6P
11	475	123.54	12500	1.70	JRESK67SS80M1-4P
13	415	108.03	12800	1.95	JRESKF67SS80M1-4P
15	350	90.04	13000	2.4	JRESKA67SS80M1-4P
18	295	76.37	13000	2.8	JRESKAF67SS80M1-4P
8.3	630	108.29	7360	0.95	
8.8	600	102.88	7630	1.00	
10	525	90.26	8220	1.15	JRESK57SS80M2-6P
12	445	76.56	8670	1.35	JRESKF57SS80M2-6P
13	405	69.12	8870	1.50	JRESKA57SS80M2-6P
15	355	60.81	9070	1.70	JRESKAF57SS80M2-6P
16	335	57.42	9150	1.80	
11	480	123.85	8520	1.25	JRESK57SS80M1-4P
13	420	108.29	8800	1.45	JRESKF57SS80M1-4P
13	395	102.88	8890	1.50	JRESKA57SS80M1-4P
					JRESKAF57SS80M1-4P

1)Overhung load specified for foot-mounted gear unit with solid shaft

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.55kW					
15	350	90.26	9100	1.70	JRESK57SS80M1-4P
18	295	76.56	9300	2.0	JRESKF57SS80M1-4P
20	265	69.12	9410	2.3	JRESKA57SS80M1-4P
22	235	60.81	9520	2.6	JRESKAF57SS80M1-4P
24	220	57.42	9560	2.7	
13	405	104.37	5880	1.00	
15	350	90.86	6550	1.15	JRESK47SS80M1-4P
16	330	85.12	6790	1.20	JRESKF47SS80M1-4P
18	290	75.20	7150	1.40	JRESKA47SS80M1-4P
19	270	69.84	7310	1.50	JRESKAF47SS80M1-4P
21	245	63.30	7500	1.65	JRESK47SS80M1-4P
24	220	56.83	7660	1.80	JRESKF47SS80M1-4P
28	189	48.95	7830	2.1	JRESKA47SS80M1-4P
30	178	46.03	7880	2.2	JRESKAF47SS80M1-4P
23	225	58.60	4850	0.90	
27	192	49.79	4790	1.05	
31	172	44.46	4740	1.15	
36	147	37.97	4640	1.35	
38	137	35.57	4600	1.45	
45	116	29.96	4470	1.75	
47	111	28.83	4440	1.80	JRESK37SS80M1-4P
54	97	24.99	4320	2.1	JRESKF37SS80M1-4P
58	90	23.36	4260	2.2	JRESKA37SS80M1-4P
67	78	20.19	4130	2.4	JRESKAF37SS80M1-4P
79	66	17.15	3980	2.7	
89	59	15.31	3880	3.0	
104	51	13.08	3730	3.3	
112	47	12.14	3660	3.4	
130	41	10.49	3520	4.0	
153	34	8.91	3370	4.7	
171	31	7.96	3270	5.1	
200	26	6.80	3130	5.7	JRESK37SS80M1-4P
214	25	6.37	3070	5.9	JRESKF37SS80M1-4P
254	21	5.36	2920	6.8	JRESKA37SS80M1-4P
342	15	3.98	2680	8.1	JRESKAF37SS80M1-4P
0.75kW					JRESK67SS80M2-4P
11	640	123.54	11700	1.30	JRESKF67SS80M2-4P
13	560	108.03	12100	1.45	JRESKA67SS80M2-4P
15	465	90.04	12600	1.75	JRESKAF67SS80M2-4P
18	395	76.37	12800	2.1	JRESK67SS80M2-4P
20	360	68.95	13000	2.3	JRESKF67SS80M2-4P
23	315	60.66	13000	2.6	JRESKA67SS80M2-4P
24	295	57.28	13000	2.8	JRESKAF67SS80M2-4P
11	645	123.85	7130	0.95	
13	560	108.29	7940	1.05	
13	535	102.88	8160	1.10	JRESK57SS80M2-4P
15	470	90.26	8570	1.30	JRESKF57SS80M2-4P
18	395	76.56	8890	1.50	JRESKA57SS80M2-4P
20	360	69.12	9060	1.65	JRESKAF57SS80M2-4P
23	315	60.81	9230	1.90	

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
0.75kW					
24	300	57.42	9290	2.0	JRESK57SS80M2-4P
28	255	48.89	9450	2.4	JRESKF57SS80M2-4P
31	230	44.43	9530	2.6	JRESKA57SS80M2-4P JRESKAF57SS80M2-4P
18	390	75.20	6060	1.00	JRESK47SS80M2-4P
20	365	69.84	6410	1.10	JRESKF47SS80M2-4P
22	330	63.30	6790	1.20	JRESKA47SS80M2-4P JRESKAF47SS80M2-4P
24	295	56.83	7110	1.35	
28	255	48.95	7430	1.55	JRESK47SS80M2-4P
30	240	46.03	7540	1.65	JRESKF47SS80M2-4P
35	205	39.61	7740	1.95	JRESKA47SS80M2-4P
39	184	35.39	7760	2.2	JRESKAF47SS80M2-4P
44	162	31.30	7550	2.5	
31	230	44.46	4170	0.85	
36	197	37.97	4150	1.00	
39	185	35.57	4140	1.10	
46	156	29.96	4080	1.30	
48	150	28.83	4060	1.35	
55	130	24.99	3990	1.55	
59	121	23.36	3950	1.60	
68	105	20.19	3860	1.75	
80	89	17.15	3750	2.0	JRESK37SS80M2-4P
90	80	15.31	3670	2.2	JRESKF37SS80M2-4P
105	68	13.08	3550	2.4	JRESKA37SS80M2-4P
114	63	12.14	3500	2.5	JRESKAF37SS80M2-4P
132	54	10.49	3380	2.9	
155	46	8.91	3250	3.5	
173	41	7.96	3160	3.8	
203	35	6.80	3030	4.3	
217	33	6.37	2980	4.4	
257	28	5.36	2840	5.0	
347	21	3.98	2620	6.0	
1.1kW					
13	810	108.03	10400	1.00	JRESK67SS90S-4P
14	770	102.62	10700	1.05	JRESKF67SS90S-4P
16	675	90.04	11400	1.20	JRESKA67SS90S-4P
18	575	76.37	12000	1.45	JRESKAF67SS90S-4P
20	515	68.95	12300	1.60	
23	455	60.66	12600	1.80	JRESK67SS90S-4P
24	430	57.28	12700	1.90	JRESKF67SS90S-4P
29	365	48.77	12900	2.2	JRESKA67SS90S-4P
32	335	44.32	13000	2.5	JRESKAF67SS90S-4P
36	290	38.39	13000	2.8	
16	675	90.26	7410	0.90	
18	575	76.56	7840	1.05	
20	520	69.12	8280	1.15	JRESK57SS90S-4P
23	455	60.81	8630	1.30	JRESKF57SS90S-4P
24	430	57.42	8750	1.40	JRESKA57SS90S-4P
29	365	48.89	9020	1.65	JRESKAF57SS90S-4P
32	335	44.43	9160	1.80	

1)Overhung load specified for foot-mounted gear unit with solid shaft

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
1.1kW					
36	290	38.49	9330	2.1	
39	270	35.70	9400	2.2	
46	225	30.28	9540	2.6	
51	205	27.34	9510	2.9	
58	181	24.05	9220	3.3	
62	170	22.71	9090	3.5	
72	145	19.34	8720	4.0	JRESK57SS90S-4P
80	132	17.57	8510	4.2	JRESKF57SS90S-4P
92	114	15.22	8180	4.7	JRESKA57SS90S-4P
106	99	13.25	7880	5.1	JRESKAF57SS90S-4P
117	90	11.92	7570	4.6	
124	85	11.26	7450	4.9	
146	72	9.59	7120	5.6	
161	65	8.71	6930	6.0	
186	57	7.55	6650	6.5	
213	49	6.57	6380	7.0	
298	35	4.69	5770	8.5	
25	425	56.83	3310	0.95	JRESK47SS90S-4P
29	365	48.95	6360	1.10	JRESKF47SS90S-4P
30	345	46.03	6610	1.15	JRESKA47SS90S-4P JRESKAF47SS90S-4P
35	295	39.61	7090	1.35	
40	265	35.39	7090	1.50	
45	235	31.30	6960	1.70	JRESK47SS90S-4P
48	220	29.32	6890	1.80	JRESKF47SS90S-4P
54	194	25.91	6730	2.1	JRESKA47SS90S-4P
64	164	21.81	6510	2.4	JRESKAF47SS90S-4P
72	147	19.58	6360	2.7	
47	225	29.96	3420	0.90	
56	188	24.99	3440	1.05	
60	175	23.36	3440	1.10	JRESK37SS90S-4P
69	152	20.19	3420	1.20	JRESKF37SS90S-4P
82	129	17.15	3370	1.40	JRESKA37SS90S-4P
91	115	15.31	3330	1.50	JRESKAF37SS90S-4P
107	98	13.08	3260	1.70	
115	91	12.14	3220	1.75	
133	79	10.49	3140	2.0	
157	67	8.91	3040	2.4	
176	60	7.96	2970	2.6	JRESK37SS90S-4P
206	51	6.80	2870	2.9	JRESKF37SS90S-4P
220	48	6.37	2830	3.0	JRESKA37SS90S-4P
261	40	5.36	2720	3.5	JRESKAF37SS90S-4P
352	30	3.98	2520	4.2	
1.5kW					
16	910	90.04	9370	0.90	
18	775	76.37	10700	1.05	JRESK67SS90L-4P
20	700	68.95	11300	1.15	JRESKF67SS90L-4P
23	615	60.66	11800	1.35	JRESKA67SS90L-4P
25	580	57.28	12000	1.40	JRESKAF67SS90L-4P
29	495	48.77	12400	1.65	
32	450	44.32	12600	1.80	JRESK67SS90L-4P
37	390	38.39	12800	2.1	JRESKF67SS90L-4P
40	360	35.62	12900	2.3	JRESKA67SS90L-4P JRESKAF67SS90L-4P

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
1.5kW					
47	305	30.22	13000	2.7	JRESK67SS90L-4P
52	275	27.28	13000	3.0	JRESKF67SS90L-4P JRESKA67SS90L-4P
59	245	24.00	13000	3.3	JRESKAF67SS90L-4P
23	620	60.81	7480	0.95	JRESK57SS90L-4P
25	585	57.42	7770	1.05	JRESKF57SS90L-4P
29	495	48.89	8430	1.20	JRESKA57SS90L-4P
32	450	44.43	8650	1.35	JRESKAF57SS90L-4P
37	390	38.49	8920	1.55	
39	365	35.70	9040	1.65	
47	310	30.28	9190	1.95	JRESK57SS90L-4P
52	280	27.34	9010	2.2	JRESKF57SS90L-4P
59	245	24.05	8780	2.5	JRESKA57SS90L-4P
62	230	22.71	8670	2.6	JRESKAF57SS90L-4P
73	196	19.34	8360	2.9	
36	400	39.61	5890	1.00	JRESK47SS90L-4P
40	360	35.39	6360	1.10	JRESKF47SS90L-4P
45	320	31.30	6310	1.25	JRESKA47SS90L-4P JRESKAF47SS90L-4P
48	300	29.32	6270	1.35	
54	265	25.91	6190	1.50	
65	220	21.81	6050	1.80	
72	199	19.58	5950	2.0	JRESK47SS90L-4P
84	171	16.86	5800	2.2	JRESKF47SS90L-4P
89	161	15.86	5730	2.4	JRESKA47SS90L-4P
103	139	13.65	5560	2.6	JRESKAF47SS90L-4P
116	124	12.19	5430	2.8	
120	120	11.77	5340	2.3	
60	235	23.36	2860	0.80	
70	205	20.19	2920	0.90	
82	174	17.15	2940	1.05	
92	156	15.31	2950	1.10	
108	133	13.08	2930	1.25	JRESK37SS90L-4P
116	123	12.14	2920	1.30	JRESKF37SS90L-4P
134	107	10.49	2880	1.50	JRESKA37SS90L-4P
158	91	8.91	2820	1.75	JRESKAF37SS90L-4P
177	81	7.96	2770	1.90	
207	69	6.80	2700	2.2	
221	65	6.37	2670	2.2	
263	55	5.36	2580	2.6	
354	40	3.98	2420	31	
2.2kW					
23	900	60.66	9490	0.90	
25	850	57.28	10000	0.95	JRESK67SS100L1-4P
29	725	48.77	11100	1.15	JRESKF67SS100L1-4P
32	660	44.32	11500	1.25	JRESKA67SS100L1-4P
37	570	38.39	12100	1.40	JRESKAF67SS100L1-4P
40	530	35.62	12300	1.55	
47	450	30.22	12600	1.80	
52	405	27.28	12800	2.0	JRESK67SS100L1-4P
59	360	24.00	13000	2.2	JRESKF67SS100L1-4P
62	340	22.66	13000	2.3	JRESKA67SS100L1-4P
73	285	19.30	13000	2.6	JRESKAF67SS100L1-4P

1)Overhung load specified for foot-mounted gear unit with solid shaft

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
2.2kW					
80	260	17.54	13000	2.8	
93	225	15.19	13000	3.1	
107	197	13.22	13000	3.4	JRESK67SS100L1-4P
113	186	12.48	13000	2.9	JRESKF67SS100L1-4P
133	158	10.63	13000	3.2	JRESKA67SS100L1-4P
146	144	9.66	13000	3.3	JRESKAF67SS100L1-4P
169	125	8.37	13000	3.5	
194	109	7.28	12700	3.9	
271	78	5.2	11700	4.5	
32	660	44.43	5100	0.90	JRESK57SS100L1-4P
37	575	38.49	7850	1.05	JRESKF57SS100L1-4P
39	530	35.70	8180	1.15	JRESKA57SS100L1-4P
47	450	30.28	8250	1.35	JRESKAF57SS100L1-4P
52	405	27.34	8160	1.45	
59	360	24.05	8030	1.65	
62	340	22.71	7970	1.75	
73	290	19.34	7760	2.0	JRESK57SS100L1-4P
80	260	17.57	7630	2.1	JRESKF57SS100L1-4P
93	225	15.22	7430	2.4	JRESKA57SS100L1-4P
106	197	13.25	7220	2.6	JRESKAF57SS100L1-4P
118	178	11.92	6890	2.3	
125	168	11.26	6810	2.5	
54	385	25.91	5260	1.05	JRESK47SS100L1-4P
65	325	21.81	5260	1.25	JRESKF47SS100L1-4P
72	290	19.58	5240	1.35	JRESKA47SS100L1-4P JRESKAF47SS100L1-4P
84	250	16.86	5190	1.50	JRESK47SS100L1-4P
89	235	15.86	5160	1.60	JRESKF47SS100L1-4P
103	205	13.65	5070	1.75	JRESKA47SS100L1-4P
116	182	12.19	4990	1.95	JRESKAF47SS10L10-4P
120	175	11.77	4890	1.60	JRESK47SS100L1-4P
133	157	10.56	4810	1.80	JRESKF47SS100L1-4P
155	136	9.10	4690	2.1	JRESKA47SS100L1-4P JRESKAF47SS100L1-4P
108	195	13.08	2370	0.85	
134	156	10.49	2430	1.00	
158	133	8.91	2440	1.20	JRESK37SS100L1-4P
177	119	7.96	2430	1.30	JRESKF37SS100L1-4P
207	101	6.80	2410	1.50	JRESKA37SS100L1-4P
221	95	6.37	2400	1.55	JRESKAF37SS100L1-4P
263	80	5.36	2350	1.75	
354	59	3.98	2250	2.1	
3.0kW					
32	910	44.32	9450	0.90	
36	785	38.39	10600	1.00	JRESK67SS100L2-4P
39	730	35.62	11100	1.15	JRESKF67SS100L2-4P
46	620	30.22	11800	1.35	JRESKA67SS100L2-4P
51	560	27.28	12100	1.45	JRESKAF67SS100L2-4P
58	490	24.00	12500	1.65	
62	465	22.66	12600	1.70	JRESK67SS100L2-4P
73	395	19.30	12800	1.95	JRESKF67SS100L2-4P
80	360	17.54	13000	2.1	JRESKA67SS100L2-4P JRESKAF67SS100L2-4P

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
3.0kW					
92	310	15.19	13000	2.3	JRESK67SS100L2-4P
106	270	13.22	13000	2.5	JRESKF67SS100L2-4P
112	255	12.48	13000	2.1	JRESKA67SS100L2-4P
132	220	10.63	13000	2.3	JRESKAF67SS100L2-4P
145	198	9.66	13000	2.4	
46	620	30.28	7180	0.95	JRESK57SS100L2-4P
51	560	27.34	7190	1.05	JRESKF57SS100L2-4P
58	490	24.05	7180	1.20	JRESKA57SS100L2-4P JRESKAF57SS100L2-4P
62	465	22.71	7160	1.30	
72	395	19.34	7080	1.45	
80	360	17.57	7020	1.55	
92	310	15.22	6890	1.70	
106	270	13.25	6750	1.90	JRESK57SS100L2-4P
117	245	11.92	6420	1.70	JRESKF57SS100L2-4P
124	230	11.26	6370	1.80	JRESKA57SS100L2-4P
146	196	9.59	6200	2.1	JRESKAF57SS100L2-4P
161	178	8.71	6090	2.2	
186	154	7.55	5920	2.4	
213	134	6.57	5750	2.6	
298	96	4.69	5320	3.1	
72	400	19.58	4430	1.00	
83	345	16.86	4490	1.10	
88	325	15.86	4500	1.15	JRESK47SS100L2-4P
103	280	13.65	4510	1.30	JRESKF47SS100L2-4P
115	250	12.19	4490	1.40	JRESKA47SS100L2-4P
119	240	11.77	4370	1.15	JRESKAF47SS100L2-4P
133	215	10.56	4350	1.30	
154	186	9.10	4290	1.50	
164	175	8.56	4270	1.55	JRESK47SS100L2-4P
190	151	7.36	4190	1.65	JRESKF47SS100L2-4P
213	135	6.58	4120	1.80	JRESKA47SS100L2-4P
241	119	5.81	4030	1.95	JRESKAF47SS100L2-4P
302	95	4.64	3860	2.2	
157	182	8.91	2000	0.90	
176	163	7.96	2040	0.95	JRESK37SS100L2-4P
206	139	6.80	2080	1.10	JRESKF37SS100L2-4P
220	130	6.37	2080	1.10	JRESKA37SS100L2-4P
261	110	5.36	2090	1.30	JRESKAF37SS100L2-4P
352	81	3.98	2050	1.55	
4.0kW					
47	810	30.22	10400	1.00	JRESK67SS112M-4P
52	735	27.28	11000	1.10	JRESKF67SS112M-4P
59	645	24.00	11600	1.25	JRESKA67SS112M-4P
63	610	22.66	11800	1.30	JRESKAF67SS112M-4P
74	520	19.30	12300	1.45	
81	470	17.54	12500	1.55	
94	410	15.19	12800	1.70	JRESK67SS112M-4P
107	355	13.22	13000	1.90	JRESKF67SS112M-4P
114	335	12.48	13000	1.60	JRESKA67SS112M-4P
134	285	10.63	13000	1.75	JRESKAF67SS112M-4P
147	260	9.66	12900	1.85	

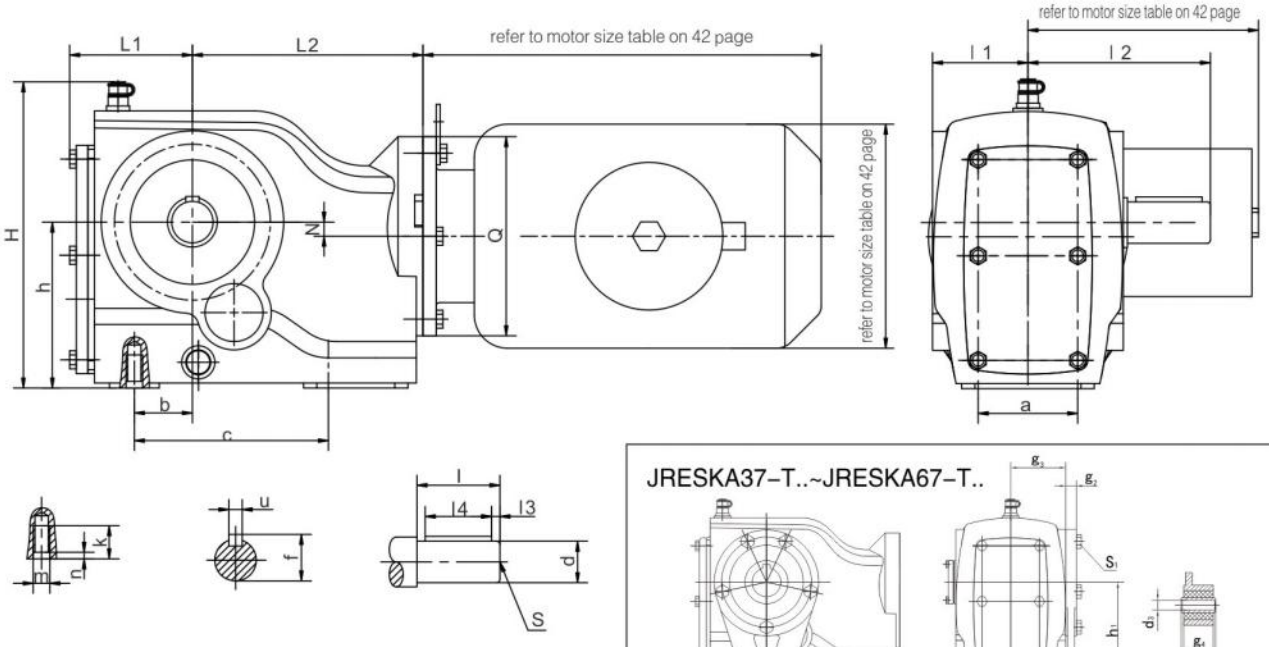
1)Overhung load specified for foot-mounted gear unit with solid shaft

Output speed n_a [r/min]	Output torque T_a [N m]	Ratio i	Permitted overhung load F_{Ra} [N]	Service factor f_B	Model
4.0kW					
170	225	8.37	12500	1.95	JRESK67SS112M-4P
195	196	7.28	12100	2.1	JRESKF67SS112M-4P
273	140	5.20	11200	2.5	JRESKA67SS112M-4P JRESKAF67SS112M-4P
59	645	24.05	6120	0.95	
63	610	22.71	6160	1.00	
73	520	19.34	6220	1.10	
81	475	17.57	6230	1.15	
93	410	15.22	6210	1.30	
107	355	13.25	6510	1.45	JRESK57SS112M-4P
119	320	11.92	5810	1.30	JRESKF57SS112M-4P
126	305	11.26	5790	1.35	JRESKA57SS112M-4P
148	260	9.59	5700	1.55	JRESKAF57SS112M-4P
163	235	8.71	5640	1.65	
188	205	7.55	5530	1.80	
216	177	6.57	5400	1.95	
303	126	4.69	5070	2.4	
5.5kW					
60	880	24.00	9720	0.90	
63	830	22.66	10200	0.95	JRESK67SS132S-4P
74	710	19.30	11200	1.05	JRESKF67SS132S-4P
82	645	17.54	11600	1.15	JRESKA67SS132S-4P
94	560	15.19	12100	1.25	JRESKAF67SS132S-4P
108	485	13.22	12500	1.40	
115	460	12.48	12600	1.15	
135	390	10.63	12400	1.30	JRESK67SS132S-4P
148	355	9.66	12200	1.35	JRESKF67SS132S-4P
171	305	8.37	11900	1.45	JRESKA67SS132S-4P
196	265	7.28	11600	1.55	JRESKAF67SS132S-4P
275	191	5.20	10800	1.85	

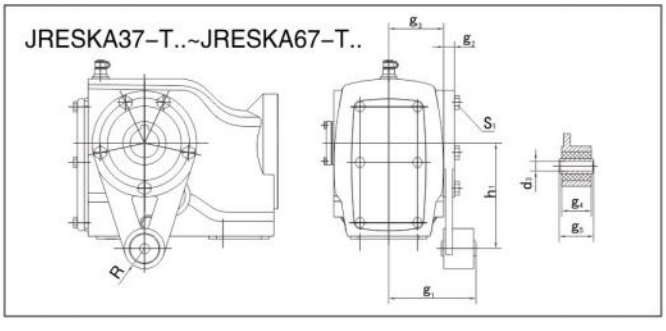
1)Overhung load specified for foot-mounted gear unit with solid shaft

3. Installation Dimensions

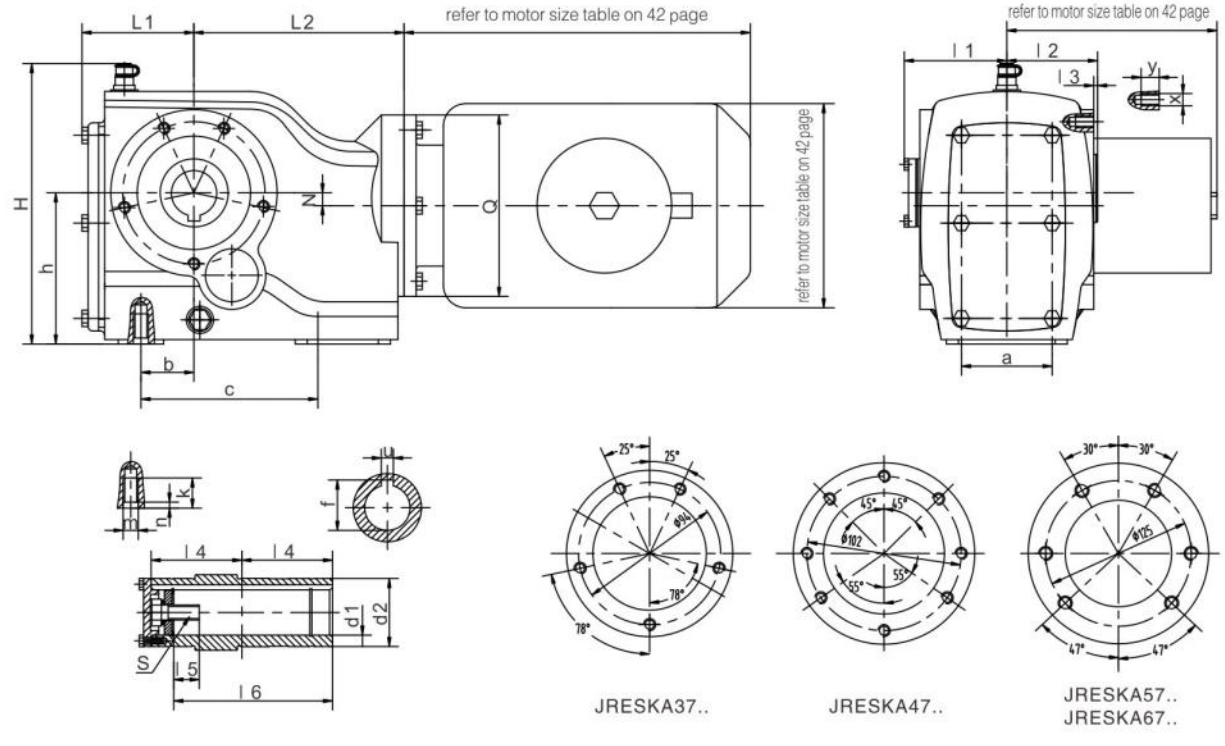
JRESK37..~JRESK67..



JRESKA37–T..~JRESKA67–T..



JRESKA37..~JRESKA67..



JRESKA37..

JRESKA47..

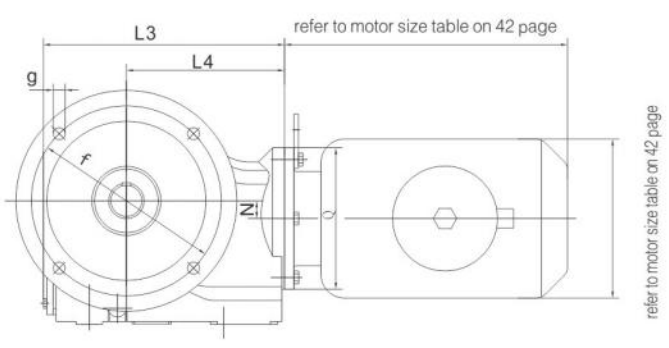
JRESKA57..
JRESKA67..

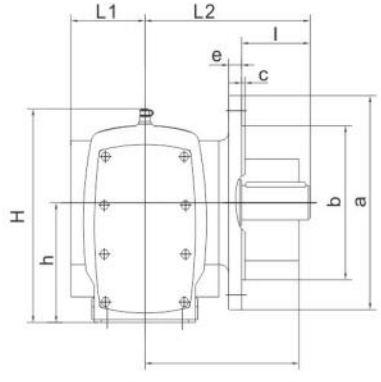
Notice: SS63-90 stainless steel electric motor can also provide the tail outlet, please consult JIE for details.

Model	a b c	k m n	h H	N	Q	L1 L2	l1 l2	Axial Extension				
								d	l	l3 l4	S	t u
JRESK37..	60 35 117	20 M10 4	100 187	8.5	120	74 139	57.5 110	25k6	50	5 40	M10	28 8
JRESK47..	70 40 140	20 M10 4	112 205	7.2	160	77 166	72 135	30k6	60	3.5 50	M10	33 8
JRESK57..	88 47 152	25 M12 5	132 235	13.1	160	93.5 173	80 153	35k6	70	7 56	M12	38 10
JRESK67..	88 42 152	25 M12 5	140 249.5	20	160	94 179	86.5 171	40k6	80	5 70	M16	43 12

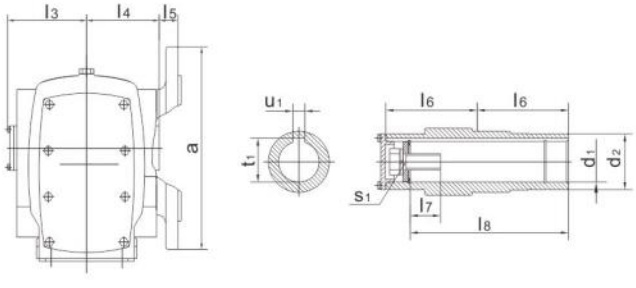
Model	a b c	k m n	h H	N Q	X Y	L1 L2	l1 l2 l3	Hollow Shaft Size					Torque arm form		
								d1 d2	l5	l4 l6	S	t u	g1 g2 g3	g4 h1 R	g5 d3 s1
JRESKA37.. JRESKA37–T..	60 35 117	20 M10 4	100 187	8.5 120	M8 12	74 139	68 60 2.5	30H7 45	17	60 105	M10	33.3 8	91 11 57.5	31 110 21	36(0/–0.3) 10.4 ± 0.1 M8x20
JRESKA47.. JRESKA47–T..	70 40 140	20 M10 4	112 205	7.2 160	M8 12	77 166	83 75 3	35H7 50	22	75 132	M12	38.3 10	94.5 12 72	31 130 21	36(0/–0.3) 10.4 ± 0.1 M8x25
JRESKA57.. JRESKA57–T..	88 47 152	25 M12 5	132 235	13.1 160	M12 20	93.5 173	91 83 3	40H7 55	29	83 142	M16	43.3 12	100.5 13 80	31 160 21	36(0/–0.3) 10.4 ± 0.1 M12x30
JRESKA67.. JRESKA67–T..	88 42 152	25 M12 5	140 249.5	20 160	M12 20	94 179	98 90 3.5	40H7 55	29	90 156	M16	43.3 12	108.5 10 86.5	31 200 21	36(0/–0.3) 10.4 ± 0.1 M12x25

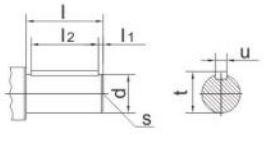
JRESKF37..~JRESKF67..





JRESKAF37..~JRESKAF67..

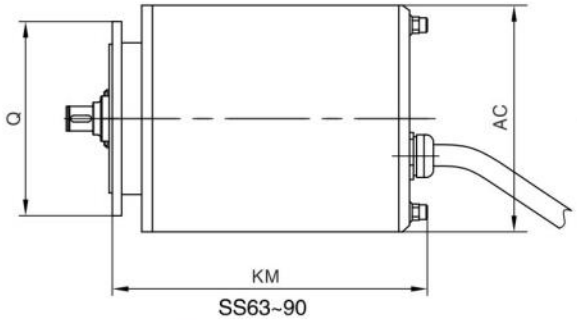




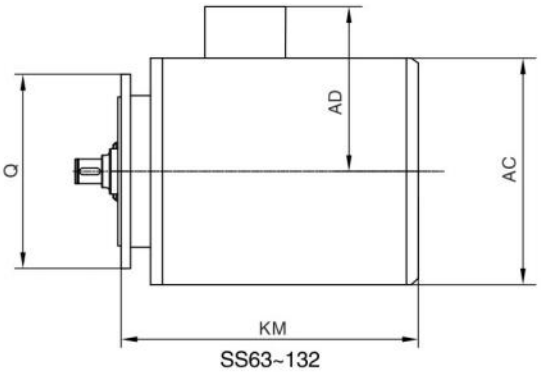
Model	a b	c e	f g h	Axial Extension				Hollow Shaft Size					H	L1 L2 L3	L4 N Q
				d l	l1 l2	s	t u	d1 d2	l3 l4 l5	l6 17 18	S1	t1 u1			
JRESKF37.. JRESKAF37..	160 110j6	3.5 10	130 9 100	25k6 50	5 40	M10	28 8	30H7 45	68 60 24	60 17 105	M10x25	33.3 8	187	57.5 134 213	139 8.5 120
JRESKF47.. JRESKAF47..	200 130j6	3.5 12	165 11 112	30k6 60	3.5 50	M10	33 8	35H7 50	83 75 29	75 22 132	M12x30	38.3 10	205	72 164 243	166 7.2 160
JRESKF57.. JRESKAF57..	250 180j6	4 15	215 13.5 132	35k6 70	7 56	M12	38 10	40H7 55	91 83 23.5	83 29 142	M16x40	43.3 12	235	80 176.5 266.5	173 13.1 160
JRESKF67.. JRESKAF67..	250 180j6	4 15	215 13.5 140	40k6 80	5 70	M16	43 12	40H7 55	98 90 23	90 29 156	M16x40	43.3 12	249.5	86.5 193 273	179 20 160

Notice: SS63-90 stainless steel electric motor can also provide the tail outlet, please consult JIE for details.

4. The Size of Motor



SS63~90

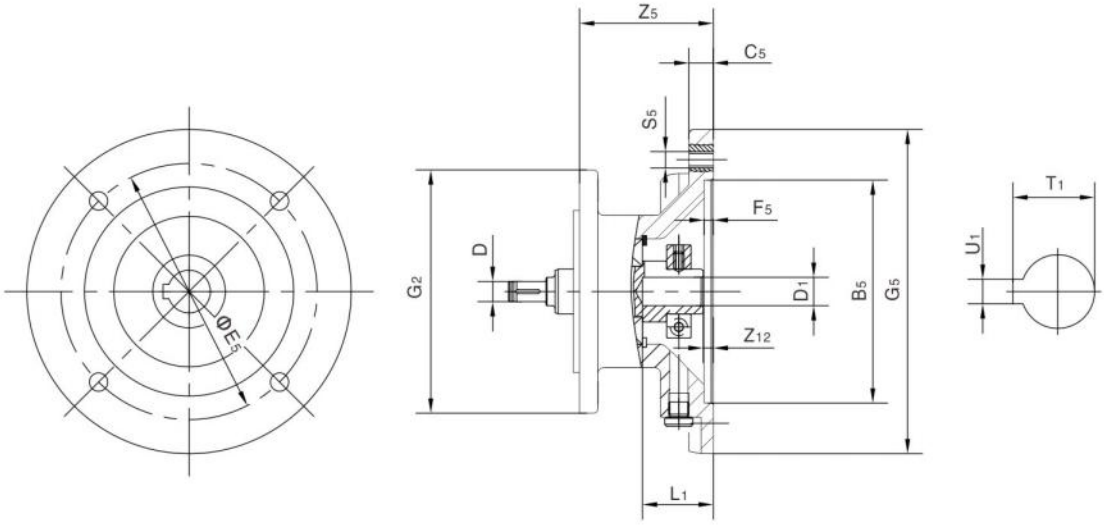


SS63~132

Model	Type	Q	KM	AC	AD
SS63	M1	120	215	114	--
	M2		240		
		160			
SS71	M1	120	236	134	--
	M2		246		
	M1	160	230		
	M2		240		
		200			
SS80	M1	120	287	144	--
	M2		327		
	M1	160	280		
	M2		327		
		200			
		250			
SS90		120	340	164	--
		160	340		
		200			
		250			
		300			
SS100		120		203	169
		160			
		200			
		250			
		300			
		350			
SS112		160		218	174
		200			
		250			
		300			
		350			
SS132		160		256	192
		200			
		250			
		300			
		350			
		400			

Notice: Those not remarked sizes, please consult JIE
Motor insulation class: F(105K standand), if any other special requirement, please consult JIE。

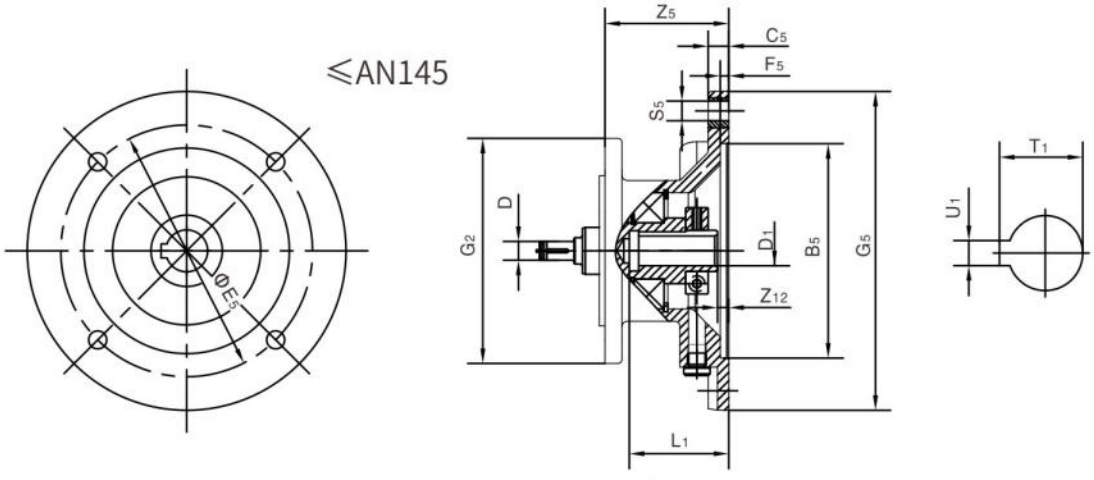
5. Coupling for mounting of IEC motors



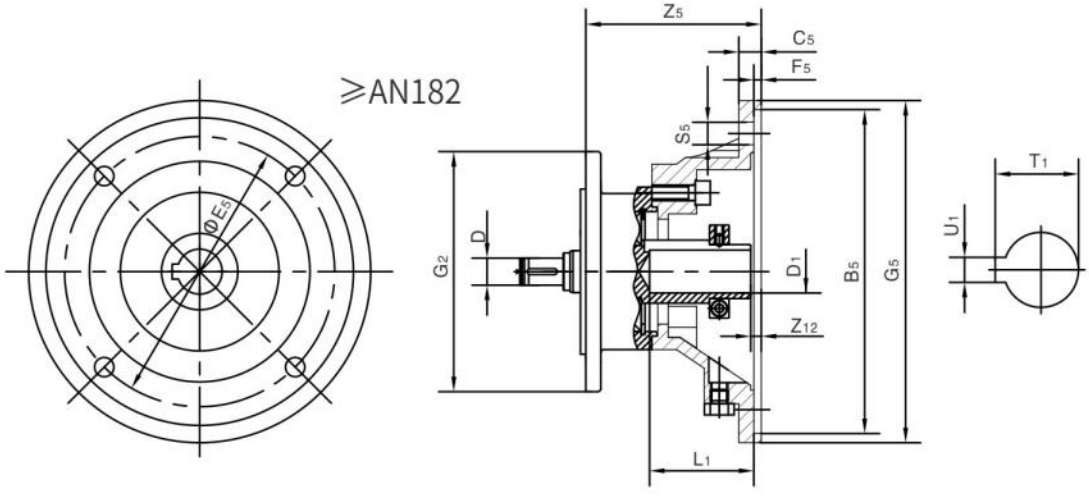
Model	Type	B5	C5	E5	F5	G2	G5	L1	D	S5	Z5	Z12	D1	T1	U1
JRESR..37 JRESK..37	AM63	Φ95G7	12	Φ115	4.5	Φ120	Φ140	25.5	Φ10	M8	64	6.5	Φ11F7	12.8	4
	AM71	Φ110G7		Φ130			Φ160	35			66	5	Φ14F7	16.3	5
	AM80	Φ130G7	13	Φ165			Φ200	44.5	Φ12	M10	80	7.5	Φ19F7	21.8	6
	AM90							56	Φ14		91	7	Φ24F7	27.3	8
	AM100	Φ180G7	15	Φ215	5		Φ250	63		M12	104.5	8.5	Φ28H7	31.3	8
JRESR..47 JRESR..57 JRESR..67 JRESK..47 JRESK..57 JRESK..67	AM63	Φ95G7	12	Φ115	4.5	Φ160	Φ140	25.5	Φ10	M8	58	6.5	Φ11F7	12.8	4
	AM71	Φ110G7		Φ130			Φ160	36			60.5	6	Φ14F7	16.3	5
	AM80	Φ130G7	13	Φ165			Φ200	45	Φ12	M10	75	8	Φ19F7	21.8	6
	AM90							56.5	Φ14		86	7.5	Φ24F7	27.3	8
	AM100	Φ180G7	15	Φ215	5		Φ250	64	Φ12、Φ14、Φ16	M12	105	9.5	Φ28H7	31. 3	8
	AM112							66	Φ16、Φ18		110	9			
	AM132	Φ230G7	18.5	Φ265			Φ300	82	Φ22		133.5	8.5	Φ38H7	41. 3	10

6. Coupling for mounting of NEMA motors

≤AN145

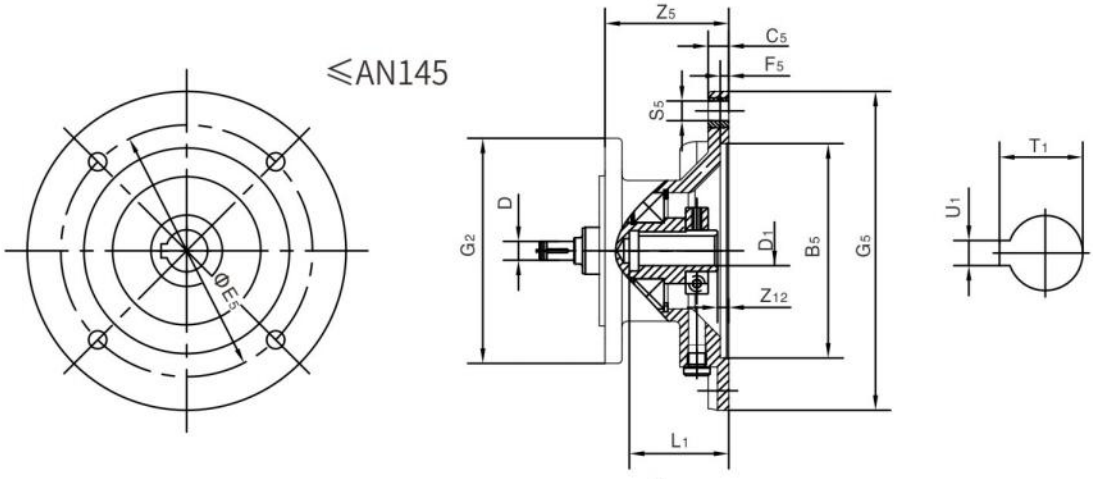


≥AN182



Model	Type	B5	C5	E5	F5	G2	G5	L1	D	S5	Z5	Z12	D1	T1	U1
JRESR..37	AN56	Φ114.3G7	11	Φ149.2	4.5	Φ120	Φ170	53	Φ10	Φ10.5	66	6	Φ15.875F7	18.1	4.775
	AN143		12					60.2	Φ12		80	5.5	Φ22.225F7	24.5	
	AN145								Φ14						
JRESR..47 JRESR..57	AN56	Φ114.3G7	11	Φ149.2	4.5	Φ160	Φ170	54	Φ10	Φ10.5	60.5	7	Φ15.875F7	18.1	4.775
	AN143		12					60.7	Φ12		75	6	Φ22.225F7	24.5	
	AN145								Φ14						
JRESR..67	AN182	Φ215.9G7	15	Φ184	5		Φ228	69.5	Φ12、Φ14、Φ16	Φ15	117	7	Φ28.575H7	31.5	6.35
	AN184								Φ16、Φ18						
	AN213		16					82.5	Φ22		136	9	Φ34.925H7	38.5	7.925

≤AN145



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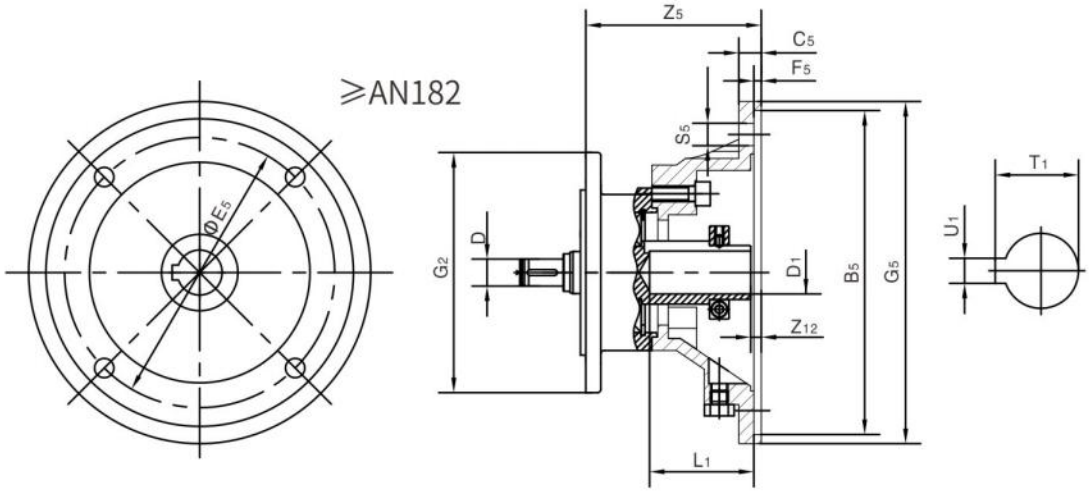
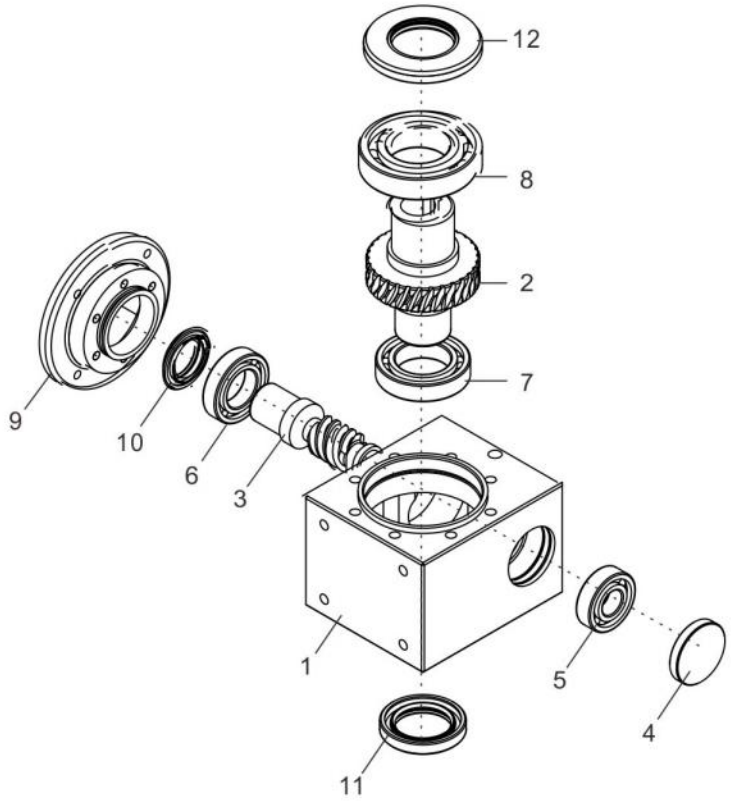


Model	Type	B5	C5	E5	F5	G2	G5	L1	D	S5	Z5	Z12	D1	T1	U1
JRESK..37	AN56	Φ114.3G7	11	Φ149.2	4.5	Φ120	Φ170	53	Φ10	Φ10.5	66	6	Φ15.875F7	18.1	4.775
	AN143		12					60.2	Φ12		80	5.5	Φ22.225F7	24.5	
	AN145								Φ14						
JRESK..47	AN56	Φ114.3G7	11	Φ149.2	4.5	Φ160	Φ170	54	Φ10	Φ10.5	60.5	7	Φ15.875F7	18.1	4.775
	AN143		12					60.7	Φ12		75	6	Φ22.225F7	24.5	
	AN145								Φ14						
	AN182	Φ215.9G7	15	Φ184	5		Φ228	69.5	Φ12、Φ14、Φ16	Φ15	117	7	Φ28.575H7	31.5	6.35
	AN184								Φ16、Φ18						
JRESK..57 JRESK..67	AN56	Φ114.3G7	11	Φ149.2	4.5	Φ160	Φ170	54	Φ10	Φ10.5	60.5	7	Φ15.875F7	18.1	4.775
	AN143		12					60.7	Φ12		75	6	Φ22.225F7	24.5	
	AN145								Φ14						
	AN182	Φ215.9G7	15	Φ184	5		Φ228	69.5	Φ12、Φ14、Φ16	Φ15	117	7	Φ28.575H7	31.5	6.35
	AN184								Φ16、Φ18						
	AN213		16					82.5	Φ22		136	9	Φ34.925H7	38.5	7.925

8. JRESSD JRESND Stainless Worm Gearmotor

1. Product Structur



序 号	Name
1	Housing
2	Worm Wheel
3	Worm Shaft
4	Closing Cover
5	Bearing
6	Bearing
7	Bearing
8	Bearing
9	Input Flange
10	Oil Seal
11	Oil Seal
12	Oil Seal

2. Parameter for Model Chosen

Output speed r/min	Output torque N·m	Transmission ratio i	Output radial force kN	fs	Model code	Motor	Model code	NEMA C input
0.06kW								
186.7	2.6	7.5	0.68	6.9	JRESSD30	56B5/ 56B14		
140	3.4	10	0.75	5.4				
93.3	4.7	15	0.86	3.8				
70	6	20	0.94	3.0				
56	7	25	1.02	3.0				
46.7	8	30	1.08	2.5				
35	9.7	40	1.19	1.9				
28	11	50	1.28	1.5				
23.3	13	60	1.36	1.3				
17.5	14	80	1.5	0.9				
0.09kW								
186.7	3.9	7.5	0.68	4.6	JRESSD30	56B5/ 56B14		
140	5	10	0.75	3.6				
93.3	7.1	15	0.86	2.5				
70	9	20	0.94	2.0				
56	10	25	1.02	2.0				
46.7	12	30	1.08	1.7				
35	14	40	1.19	1.2				
28	17	50	1.28	1.0				
23.3	19	60	1.36	0.9				
28	19	50	2.47	2.0	JRESSD40	56B5/ 56B14		
23.3	21	60	2.63	1.7				
17.5	26	80	2.89	1.3				
14	29	100	3.11	1.0				
0.12kW								
186.7	5.2	7.5	0.68	3.4	JRESSD30	63B5/ 63B14	JRESND30	48C
140	6.7	10	0.75	2.7				
93.3	9.5	15	0.86	1.9				
70	12	20	0.94	1.5				
56	14	25	1.02	1.5				
46.7	16	30	1.08	1.3				
35	19	40	1.19	0.9				
28	23	50	1.28	0.8				
46.7	17.2	30	2.08	2.6	JRESSD40	63B5/ 63B14	JRESND40	56C
35	21	40	2.29	1.9				
28	25	50	2.47	1.5	JRESSD40	63B5/ 63B14	JRESND40	56C
23.3	28	60	2.63	1.3				
17.5	34	80	2.89	1.0				
14	38	100	3.11	0.8				
23.3	29	60	3.61	2.3	JRESSD50	63B5/ 63B14	JRESND50	56C
17.5	35	80	3.97	1.9				
14	40	100	4.28	1.4				
0.18kW								
186.7	7.8	7.5	0.68	2.3	JRESSD30	63B5/ 63B14	JRESND30	48C
140	10	10	0.75	1.8				
93.3	14	15	0.86	1.3				
70	18	20	0.94	1.0				
56	21	25	1.02	1.0				
46.7	24	30	1.08	0.8				
70	19	20	1.82	2.0	JRESSD40	63B5/ 63B14	JRESND40	56C
56	23	25	1.96	1.7				
46.7	26	30	2.08	1.7				

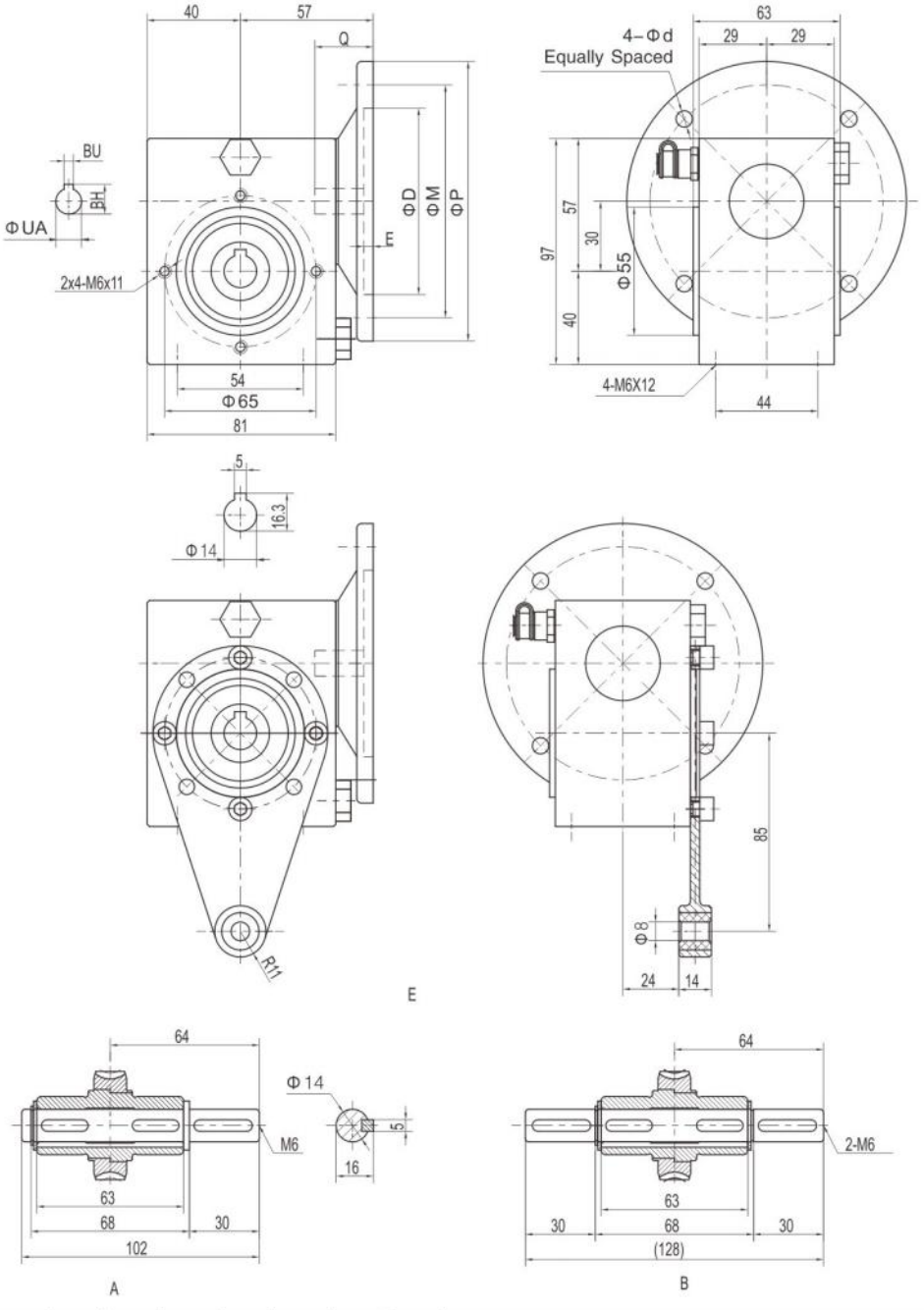
Output speed r/min	Output torque N·m	Transmission ratio i	Output radial force kN	fs	Model code	Motor	Model code	NEMA C input
0.18kW								
35	32	40	2.29	1.3	JRESSD40	63B5/ 63B14	JRESND40	56C
28	38	50	2.47	1.0				
23.3	43	60	2.63	0.8				
35	32	40	3.15	2.3	JRESSD50	63B5/ 63B14	JRESND50	56C
28	39	50	3.39	1.9				
23.3	43	60	3.61	1.6				
17.5	52	80	3.97	1.2				
14	60	100	4.28	0.9				
0.25kW								
186.7	11	7.5	1.31	3.6	JRESSD40	71B5/ 71B14	JRESND40	56C
140	14	10	1.44	2.8				
93.3	21	15	1.65	1.9				
70	27	20	1.82	1.5				
56	32	25	1.96	1.2				
46.7	36	30	2.08	1.3				
35	44	40	2.29	0.9				
28	37	50	2.47	0.8				
70	26	20	2.5	2.7	JRESSD50	71B5/ 71B14	JRESND50	56C
56	32	25	2.69	2.2				
46.7	37	30	2.86	2.3				
35	46	40	3.15	1.7				
28	54	50	3.39	1.4				
23.3	60	60	3.61	1.1				
17.5	72	80	3.97	0.9				
28	56	50	4.44	2.4	JRESSD63	71B5/ 71B14	JRESND63	56C
23.3	63	60	4.71	2.0				
17.5	78	80	5.19	1.6				
14	87	100	5.59	1.4				
0.37kW								
186.7	16	7.5	1.31	2.4	JRESSD40	71B5/ 71B14	JRESND40	56C
140	21	10	1.44	1.9				
93.3	31	15	1.65	1.3				
70	39	20	1.82	1.0				
56	47	25	1.96	0.8				
46.7	53	30	2.08	0.8				
140	21	10	1.98	3.3	JRESSD50	71B5/ 71B14	JRESND50	56C
93.3	31	15	2.27	2.4				
70	40	20	2.5	1.8				
56	48	25	2.69	1.5				
46.7	55	30	2.86	1.5				
35	68	40	3.15	1.1				
28	80	50	3.39	0.9				
23.3	89	60	3.61	0.8				
35	70	40	4.12	2.1	JRESSD63	71B5/ 71B14	JRESND63	56C
28	83	50	4.44	1.6				
23.3	94	60	4.71	1.4				
17.5	115	80	5.19	1.1				
14	129	100	5.59	0.9				
0.55kW								
186.7	25	7.5	1.8	2.9	JRESSD50	80B5/ 80B14	JRESND50	56C
140	32	10	1.98	2.2				
93.3	46	15	2.27	1.6	JRESSD50	80B5/ 80B14	JRESND50	56C
70	59	20	2.5	1.2				

Output speed r/min	Output torque N m	Transmission ratio i	Output radial force kN	fs	Model code	Motor	Model code	NEMA C input
0.55kW								
56	71	25	2.69	1.0	JRESSD50	80B5/ 80B14	JRESND50	56C
46.7	81	30	2.86	1.0				
35	80	40	3.15	0.9				
70	60	20	3.27	2.2	JRESSD63	80B5/ 80B14	JRESND63	56C
56	73	25	3.52	1.8				
46.7	83	30	3.74	1.9				
35	105	40	4.12	1.4				
28	124	50	4.44	1.1				
23.3	140	60	4.71	0.9				
0.75kW								
186.7	34	7.5	1.8	2.1	JRESSD50	80B5/ 80B14	JRESND50	56C
140	44	10	1.98	1.6				
93.3	63	15	2.27	1.2				
70	81	20	2.5	0.9				
93.3	63	15	2.97	2.2	JRESSD63	80B5/ 80B14	JRESND63	56C
70	83	20	3.27	1.6				
56	100	25	3.52	1.3				
46.7	114	30	3.74	1.4				
35	143	40	4.12	1.0				
56	102	25	4.16	2.0	JRESSD75	80B5/ 80B14	JRESND75	140TC
46.7	117	30	4.42	2.0				
35	147	40	4.86	1.5				
28	177	50	5.24	1.2				
23.3	200	60	5.56	1.0				
28	184	50	5.79	1.8	JRESSD90	80B5/ 80B14	JRESND50	140TC
23.3	212	60	6.16	1.5				
17.5	258	80	6.78	1.1				
14	302	100	7.3	0.9				
1.1kW								
186.7	49	7.5	2.35	2.6	JRESSD63	90B5/ 90B14	JRESND63	56C/ 140TC
140	65	10	2.59	2.0				
93.3	93	15	2.97	1.5				
70	122	20	3.27	1.1				
56	146	25	3.52	0.9				
46.7	167	30	3.74	1.0				
35	165	40	3.59	0.9				
93.3	95	15	3.5	2.1	JRESSD75	90B5/ 90B14	JRESND75	56C/ 140TC
70	123	20	3.86	1.7				
56	150	25	4.16	1.3				
46.7	171	30	4.42	1.3				
35	216	40	4.86	1.0				
28	264	50	4.6	0.9				
23.3	223	60	4.89	0.8				
35	225	40	5.38	1.6	JRESSD90	90B5/ 90B14	JRESND90	56C/ 140TC
28	270	50	5.79	1.3				
23.3	311	60	6.16	1.0				
17.5	328	80	6.17	0.9				
1.5kW								
186.7	67	7.5	2.35	1.9	JRESSD63	90B5/ 90B14	JRESND63	140TC
140	89	10	2.59	1.5				
93.3	127	15	2.97	1.1				
70	166	20	3.27	0.8				
140	90	10	3.06	2.2	JRESSD75	90B5/ 90B14	JRESND75	140TC
93.3	130	15	3.5	1.5				
70	168	20	3.86	1.3				
56	205	25	4.16	1.0				
46.7	233	30	4.42	1.0				

Output speed r/min	Output torque N m	Transmission ratio i	Output radial force kN	fs	Model code	Motor	Model code	NEMA C input
1.5kW								
70	171	20	4.27	2.1	JRESSD90	90B5/ 90B14	JRESND90	140TC
56	210	25	4.6	1.6				
46.7	239	30	4.89	1.7				
35	307	40	5.38	1.2				
28	368	50	5.79	0.9				
23.3	424	60	6.16	0.8				
2.2kW								
186.7	100	7.5	2.78	1.8	JRESSD75	100B5/ 100B14	JRESND75	180TC
140	132	10	3.06	1.5				
93.3	191	15	3.5	1.0				
70	240	20	3.38	0.9				
56	256	25	3.58	0.8				
46.7	269	30	3.89	0.8				
186.7	101	7.5	3.08	2.9	JRESSD90	100B5/ 100B14	JRESND90	180TC
140	134	10	3.39	2.3				
93.3	194	15	3.88	1.9				
70	252	20	4.27	1.4				
56	308	25	4.6	1.1				
46.7	351	30	4.89	1.2				
35	433	40	4.9	1.0				
28	393	50	5.28	0.9				
3kW								
186.7	136	7.5	2.78	1.4	JRESSD75	112B5/ 112B14	JRESND75	180TC
140	180	10	3.06	1.1				
93.3	261	15	3.5	0.8				
186.7	138	7.5	3.08	2.1	JRESSD90	112B5/ 112B14	JRESND90	180TC
140	182	10	3.39	1.7				
93.3	264	15	3.88	1.4				
70	344	20	4.27	1.0				
56	420	25	4.6	0.8				
46.7	479	30	4.89	0.9				
4kW								
186.7	182	7.5	2.44	1.0	JRESSD75	112B5/ 112B14	JRESND75	180TC
140	240	10	3.06	0.8				
186.7	184	7.5	3.08	1.6	JRESSD90	112B5/ 112B14	JRESND90	140TC
140	243	10	3.39	1.3				
93.3	352	15	3.88	1.0				
70	458	20	4.27	0.8				

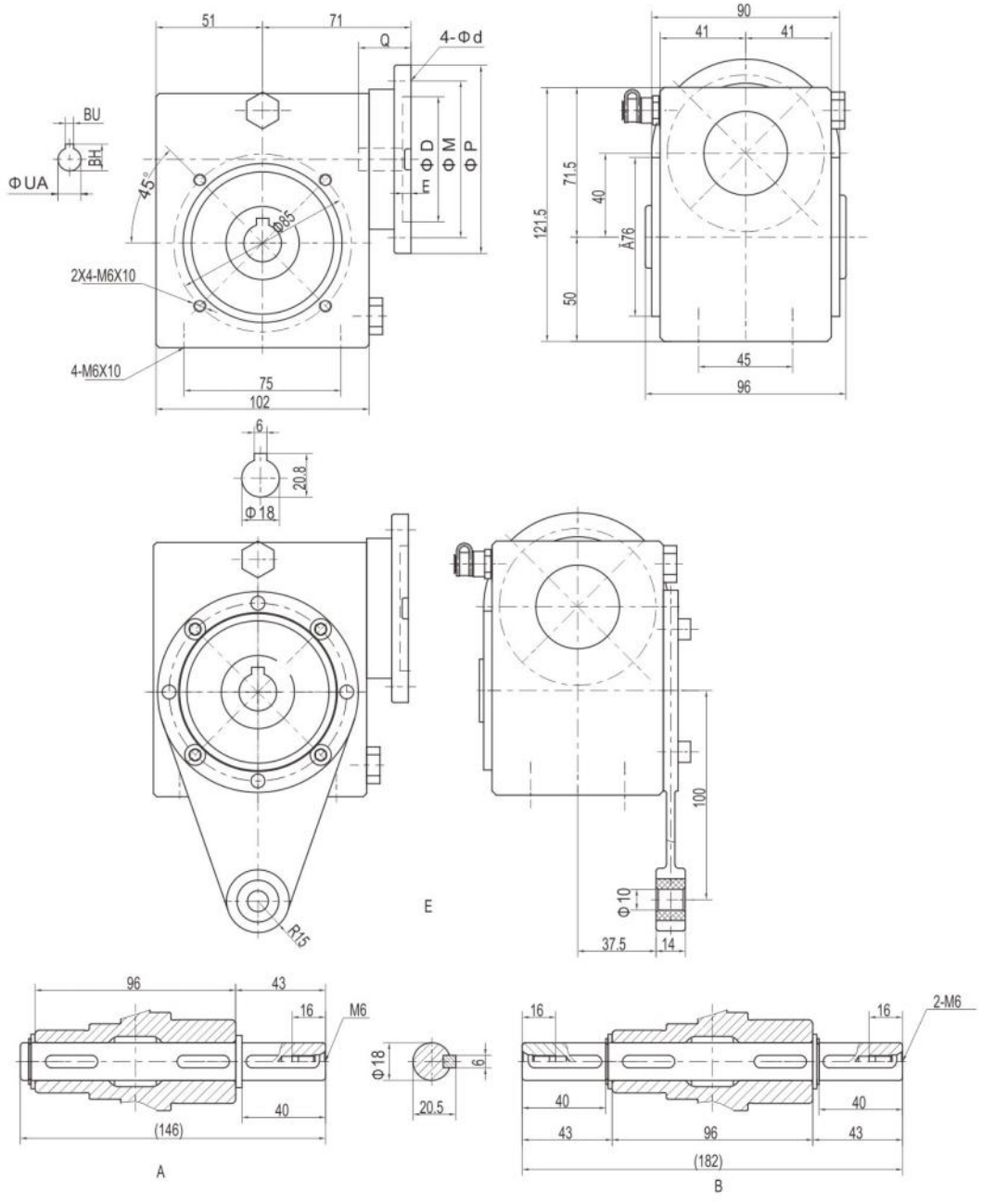
3. Installation Dimensions

JRESSD30



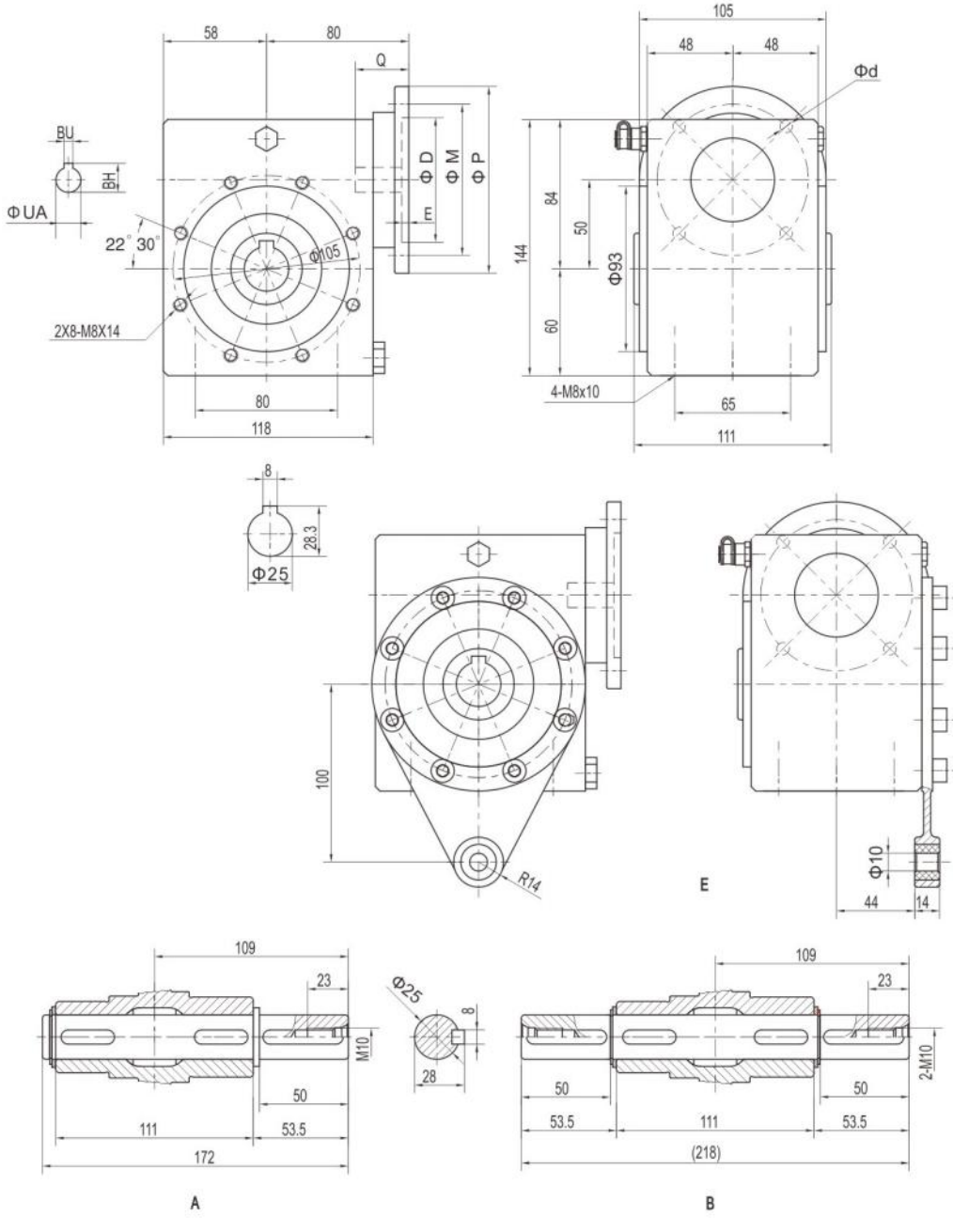
Model / Flange Specification	D	M	P	d	BH	BU	E	Q	Input Aperture UA										
									Ratio i										
									7.5	10	15	20	25	30	40	50	60	80	100
63B5	95	115	140	9	12.8	4	5	23	11	11	11	11	11	11	11	11	–	–	–
63B14	60	75	90	6	12.8	4	3.5	23											
56B5	80	100	120	7	10.4	3	4	19	9	9	9	9	9	9	9	9	9	9	9
56B14	50	65	80	6	10.4	3	3.5	19											

JRESSD40..



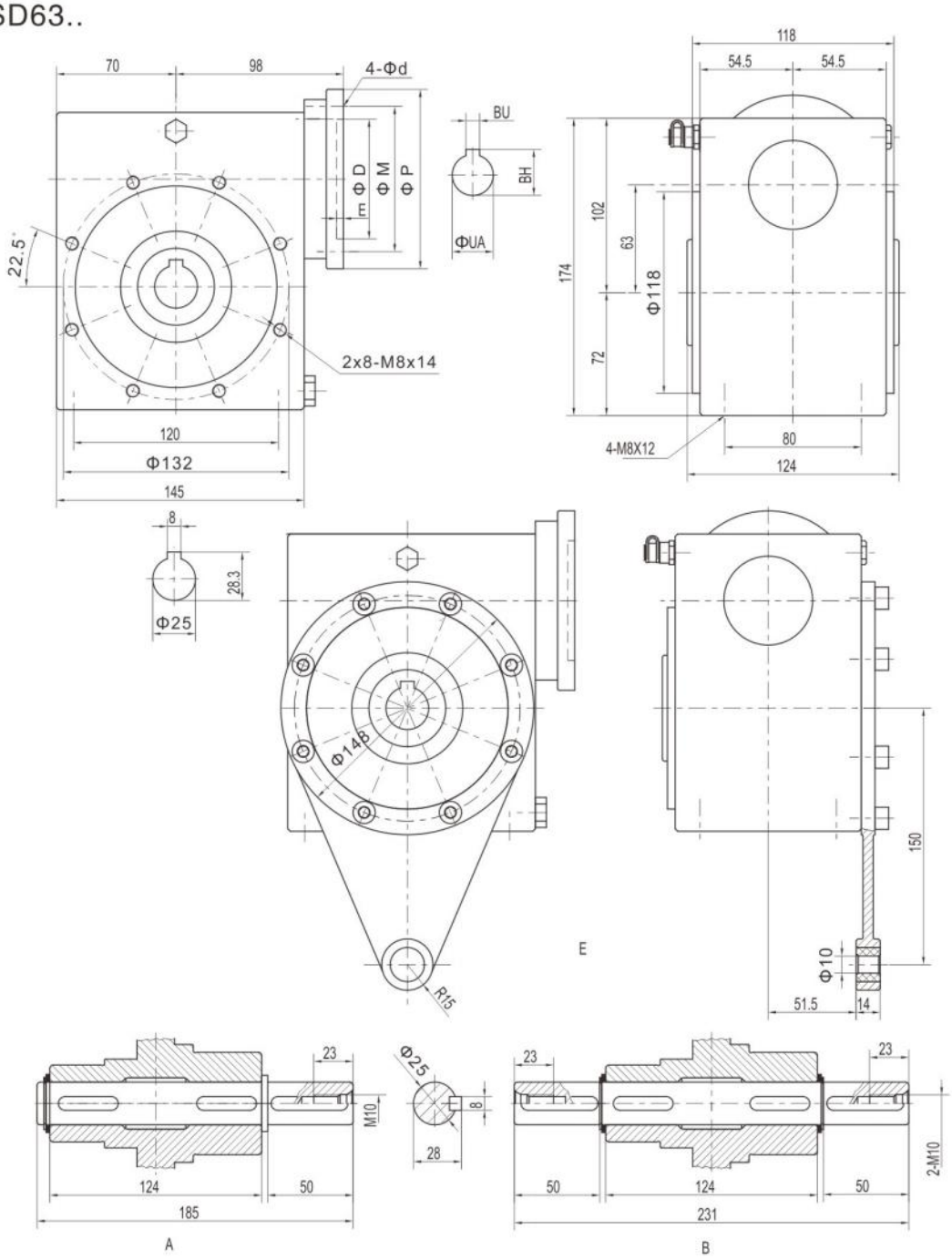
Model / Flange Specification	D	M	P	d	BH	BU	E	Q	Input Aperture UA Ratio i										
									7.5	10	15	20	25	30	40	50	60	80	100
71B5	110	130	160	9	16.3	5	5	30	14	14	14	14	14	14	14	–	–	–	–
71B14	70	85	105	6.6	16.3	5	4	30											
63B5	95	115	140	9	12.8	4	5	23	–	–	–	11	11	11	11	11	11	11	–
63B14	60	75	90	5.5	12.8	4	4	23											
56B5	80	100	120	6.6	10.4	3	4	19	–	–	–	–	–	–	–	9	9	9	9

JRESSD50..



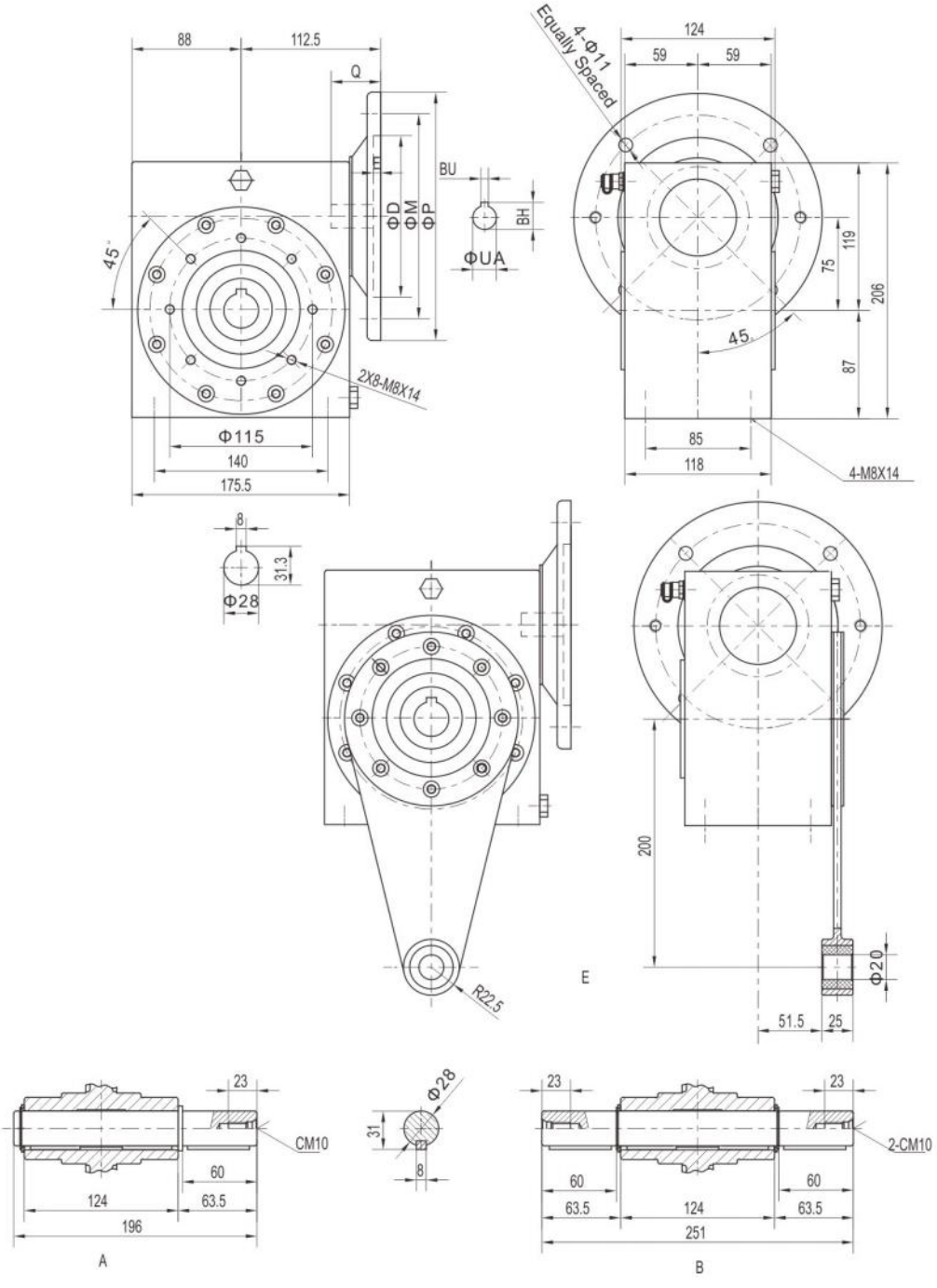
Model / Flange Specification	D	M	P	d	BH	BU	E	Q	Input Aperture UA Ratio i										
									7.5	10	15	20	25	30	40	50	60	80	100
80B5	130	165	200	11	21.8	6	6	40	19	19	19	19	19	19	–	–	–	–	–
80B14	80	100	120	6.6	21.8	6	6	40											
71B5	110	130	160	9	16.3	5	6	30	–	14	14	14	14	14	14	14	14	14	–
71B14	70	85	105	6.6	16.3	5	4	30											
63B5	95	115	140	9	12.8	4	5	23	–	–	–	–	–	–	11	11	11	11	–

JRESSD63..



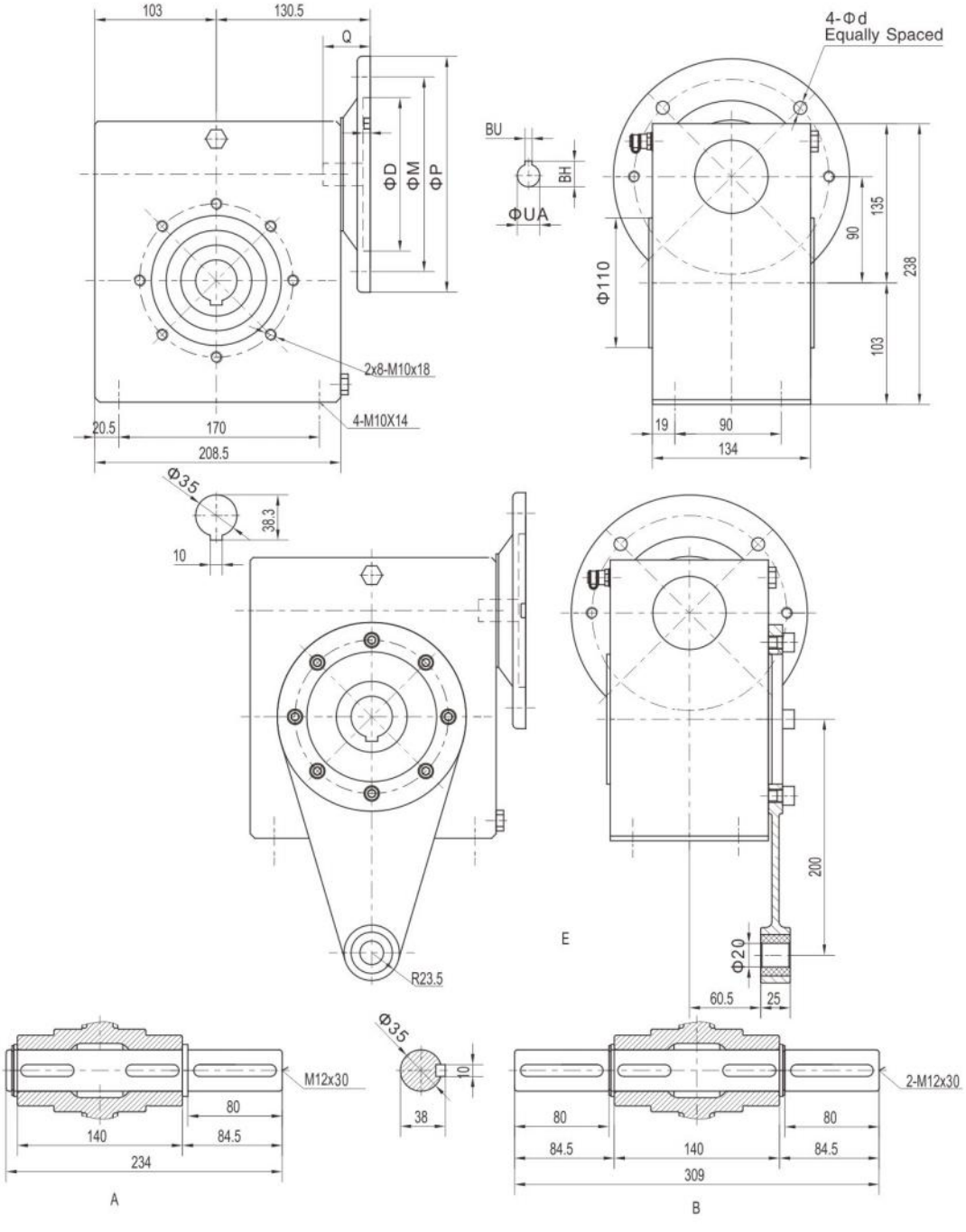
Model / Flange Specification	D	M	P	d	BH	BU	E	Q	Input Aperture UA, Ratio i										
									7.5	10	15	20	25	30	40	50	60	80	100
90B5	130	165	200	11	27.3	8	6	50	24	24	24	24	24	24	–	–	–	–	–
90B14	95	115	140	9	27.3	8	6	50											
80B5	130	165	200	11	21.8	6	6	40	–	–	19	19	19	19	19	19	19	–	–
80B14	80	100	120	7	21.8	6	6	40											
71B5	110	130	160	9	16.3	5	5	30	–	–	–	–	–	–	14	14	14	14	14
71B14	70	85	105	7	16.3	5	4	30											

JRESSD75..



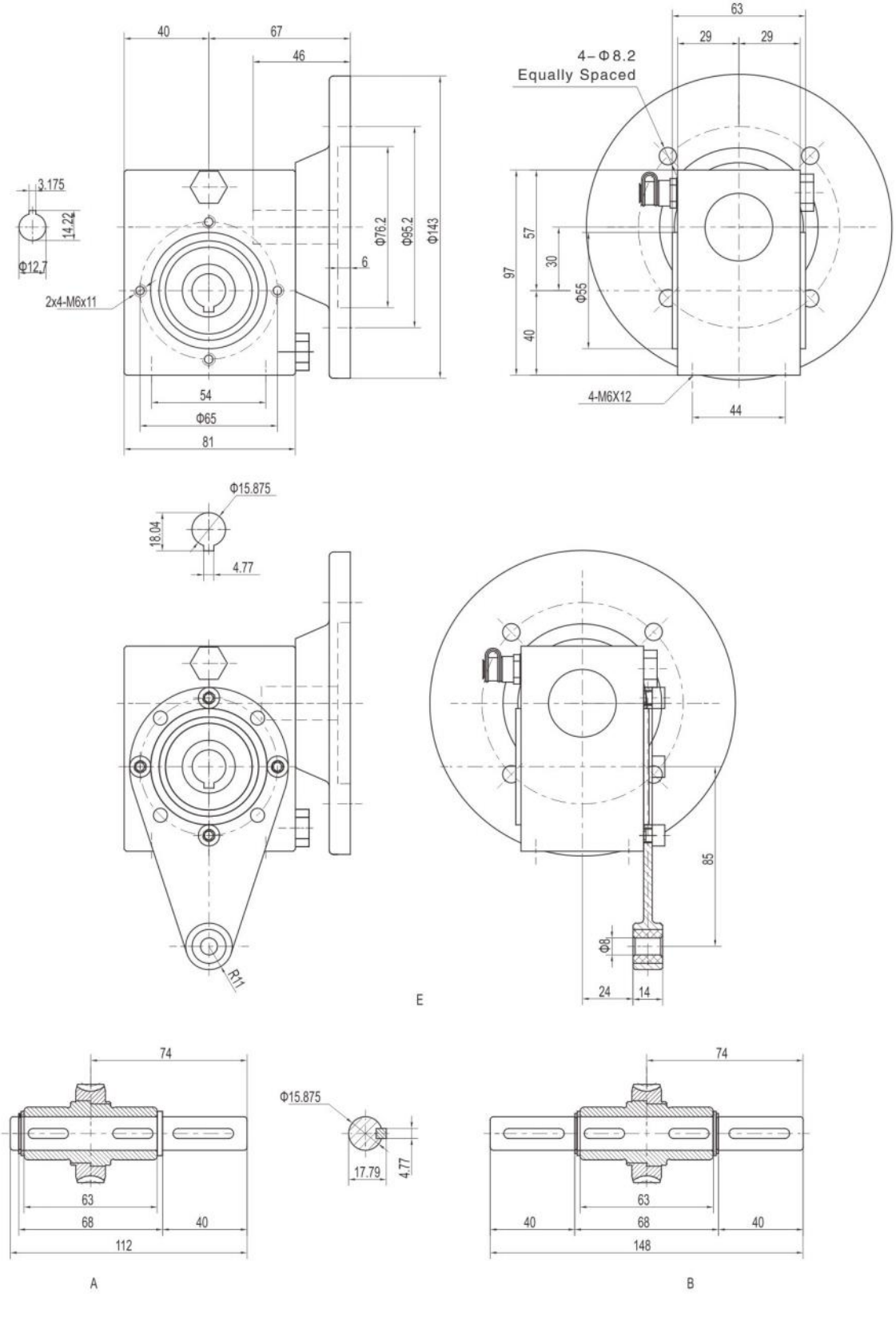
Model / Flange Specification	D	M	P	d	BH	BU	E	Q	Input Aperture UA Ratio i										
									7.5	10	15	20	25	30	40	50	60	80	100
100/112B5	180	215	250	14	31.3	8	6	57	28	28	28	–	–	–	–	–	–	–	–
100/112B14	110	130	160	9	31.3	8	6	57											
90B5	130	165	200	11	27.3	8	6	50	–	24	24	24	24	24	24	–	–	–	–
90B14	95	115	140	9	27.3	8	6	50											
80B5	130	165	200	11	21.8	6	6	40	–	–	–	–	19	19	19	19	19	19	19
80B14	80	100	120	6.6	21.8	6	6	40											

JRESSD90..

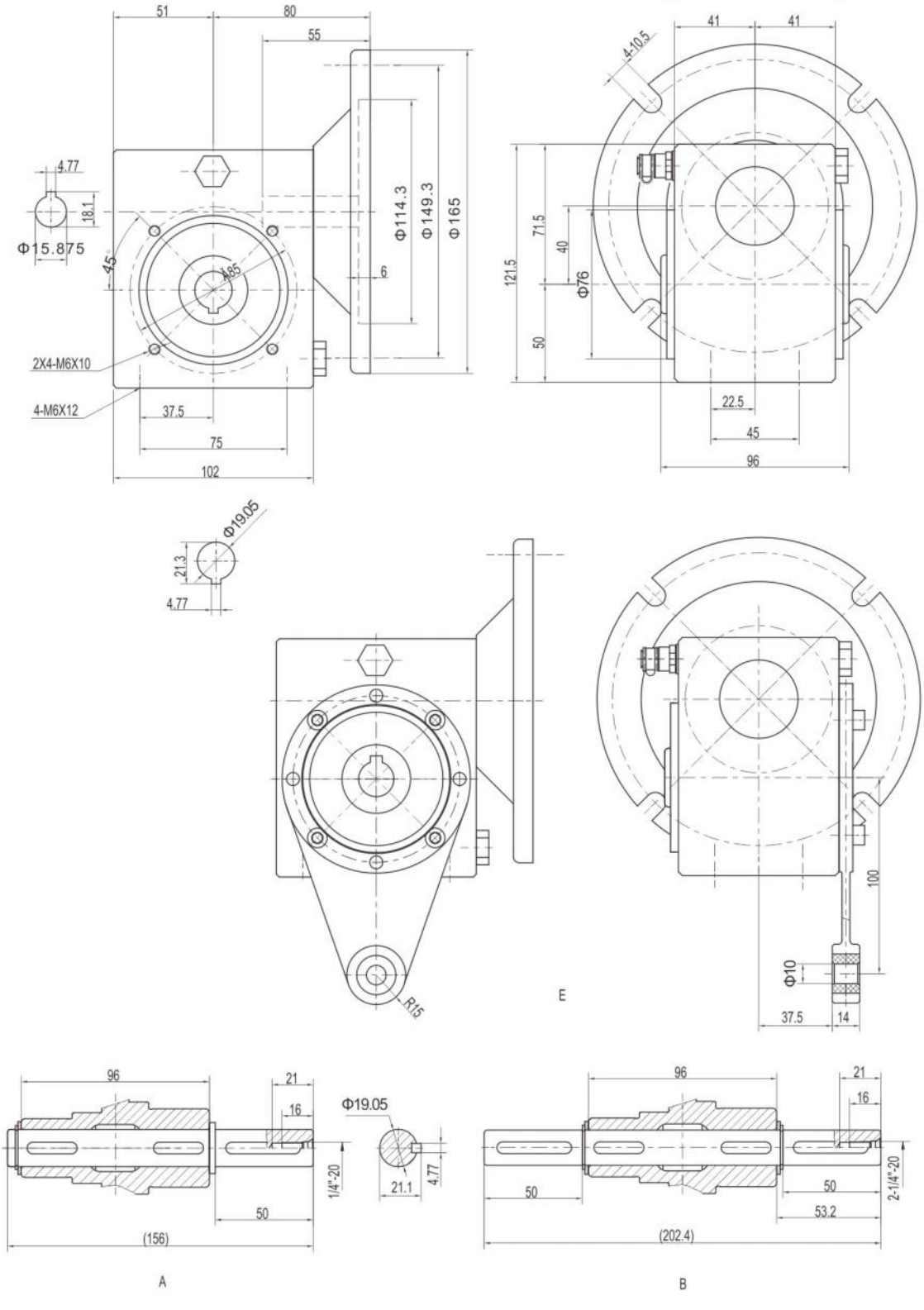


Flange Specification \ Model	D	M	P	d	BH	BU	E	Q	Input Aperture UA Ratio i										
									7.5	10	15	20	25	30	40	50	60	80	100
100/112B5	180	215	250	14	31.3	8	6	57	28	28	28	–	–	–	–	–	–	–	–
100/112B14	110	130	160	9	31.3	8	6	57											
90B5	130	165	200	11	27.3	8	6	50	–	24	24	24	24	24	24	–	–	–	–
90B14	95	115	140	9	27.3	8	6	50											
80B5	130	165	200	11	21.8	6	6	40	–	–	–	–	19	19	19	19	19	19	19
80B14	80	100	120	6.6	21.8	6	6	40											

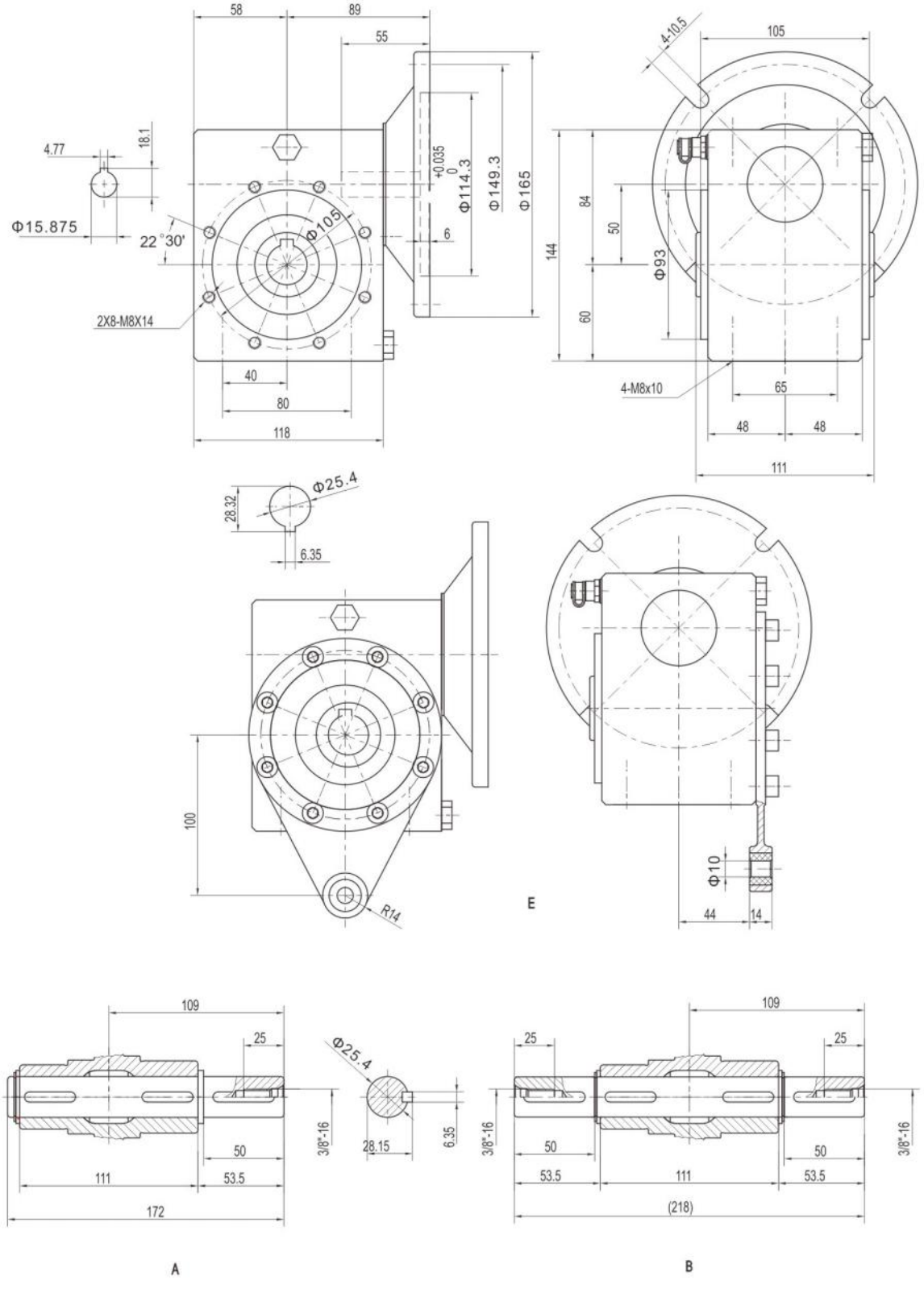
JRESND30..


40
67
46
3.175
14.22
Φ12.7
2x4-M6x11
Φ76.2
Φ95.2
Φ143
6
54
Φ65
81
63
29
29
4-Φ8.2
Equally Spaced
97
57
30
Φ55
40
4-M6X12
44
Φ15.875
18.04
4.77
R11
E
85
Φ8
24
14
74
63
68
40
112
A
Φ15.875
17.79
4.77
74
63
40
68
40
148
B

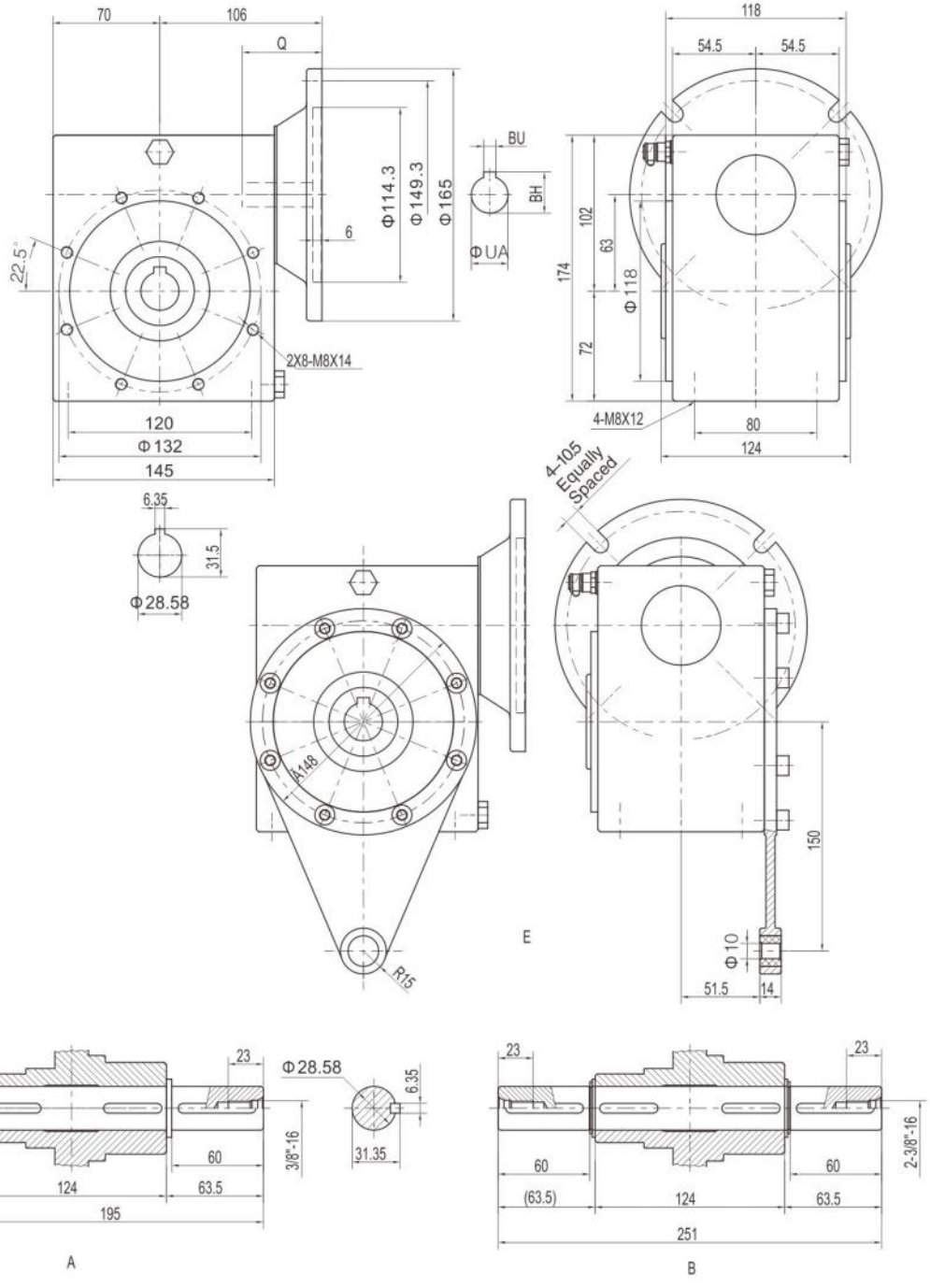
JRESND40–56C..



JRESND50-56C..

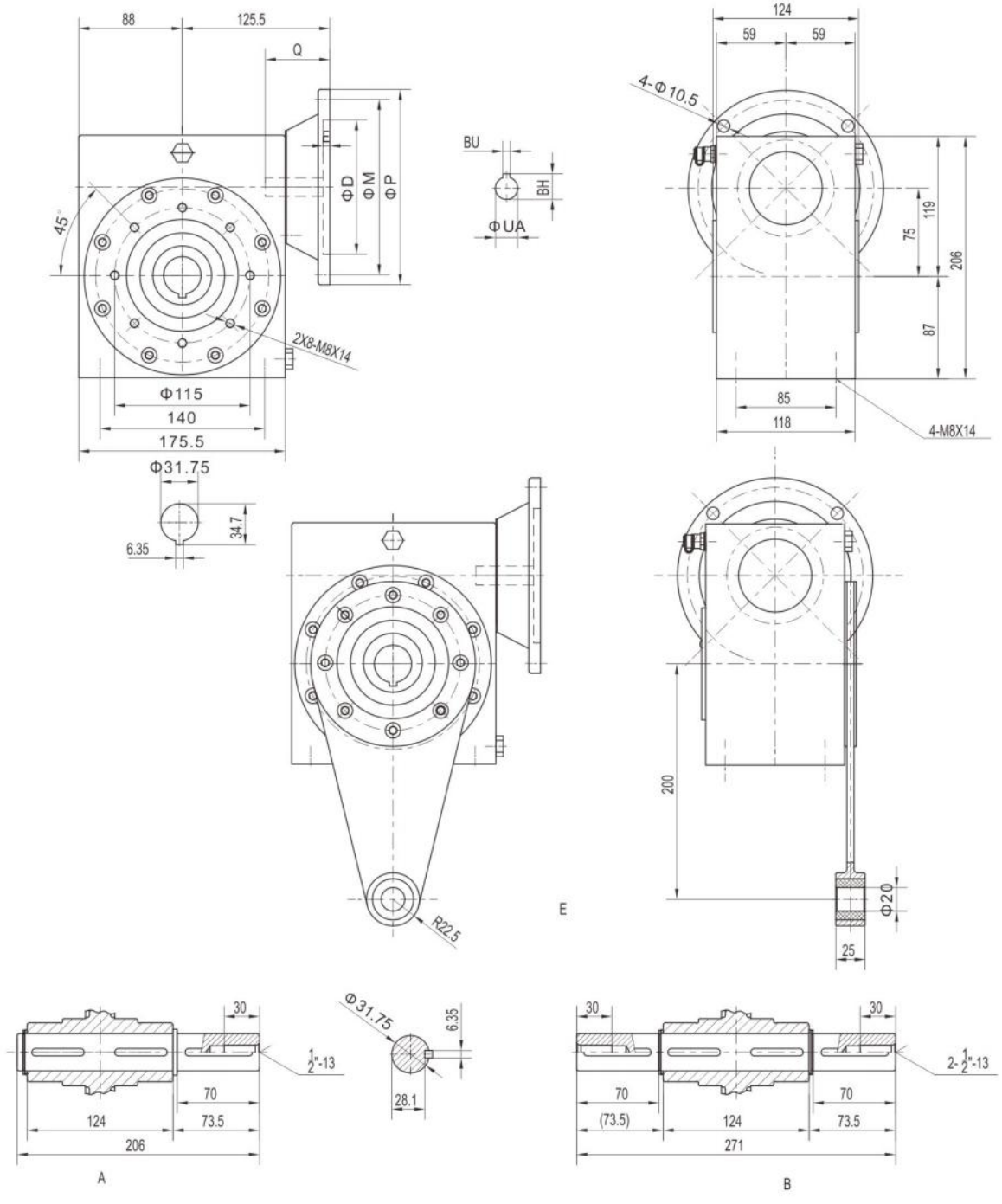


JRESND63–56C/140TC..



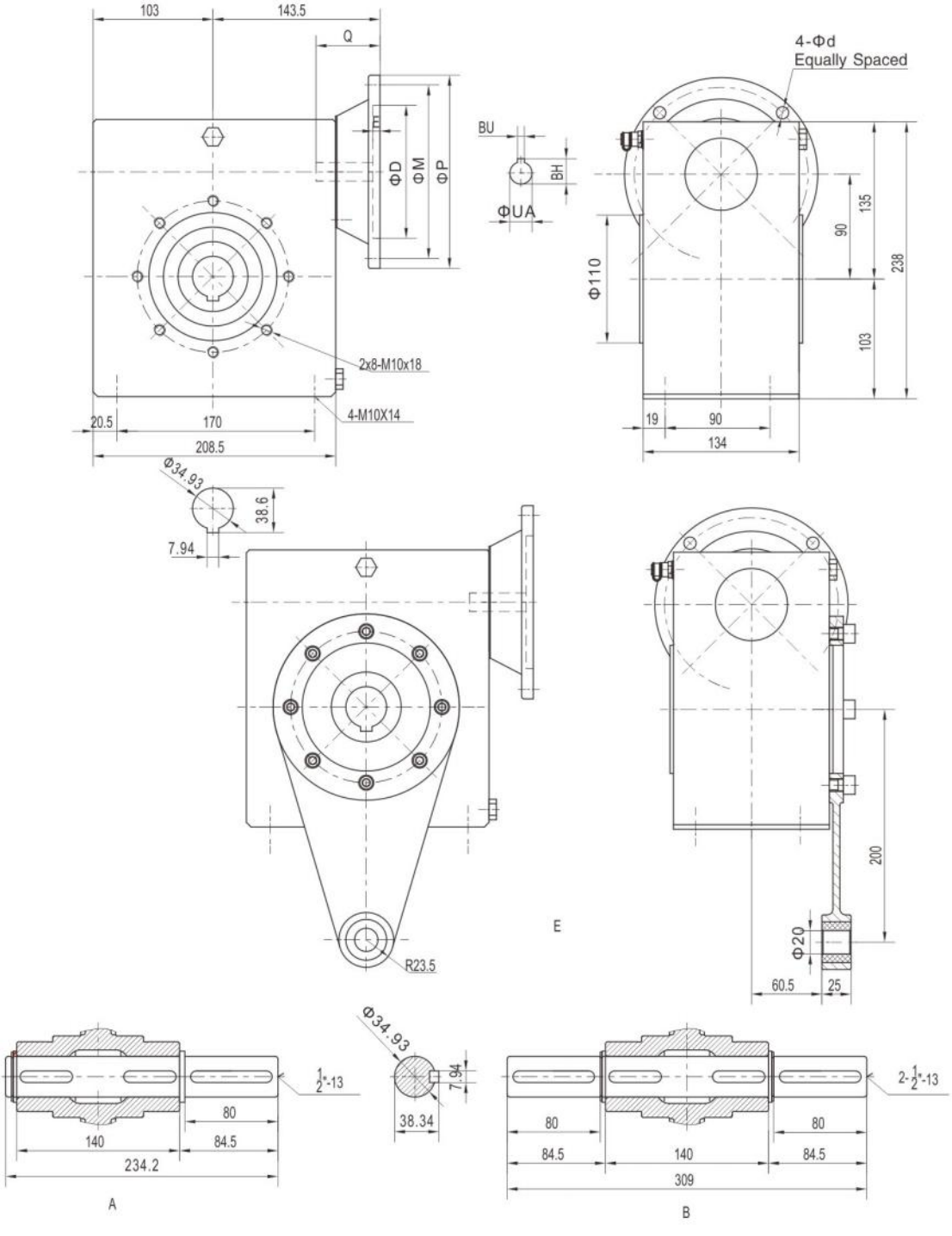
Model / Flange Specification	D	M	P	d	BH	BU	E	Q	Input Aperture UA										
									Ratio i										
									7.5	10	15	20	25	30	40	50	60	80	100
56C	114.3	149.4	165.1	10.5	18.1	4.78	6	55	15.88										
140TC					24.6	4.78	6	59	22.23										

JRESND75..



Flange Specification \ Model	D	M	P	d	BH	BU	E	Q	Input Aperture UA Ratio i										
									7.5	10	15	20	25	30	40	50	60	80	100
56C	114.3	149.4	165.1	10.5	18.1	4.78	6	55	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88
140TC	114.3	149.4	165.1	10.5	24.6	4.78	6	59	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	–	–
180TC	130	165	200	13.7	31.5	6.35	6	76	28.58	28.58	28.58	28.58	28.58	28.58	28.58	–	–	–	–

JRESND90..



Model / Flange Specification	D	M	P	d	BH	BU	E	Q	Input Aperture UA Ratio i										
									7.5	10	15	20	25	30	40	50	60	80	100
56C	114.3	149.4	165.1	10.5	18.1	4.78	6	55	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88
140TC	114.3	149.4	165.1	10.5	24.6	4.78	6	59	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	–	–
180TC	130	165	200	13.7	31.5	6.35	6	76	28.58	28.58	28.58	28.58	28.58	28.58	28.58	–	–	–	–

9.Notes and instructions

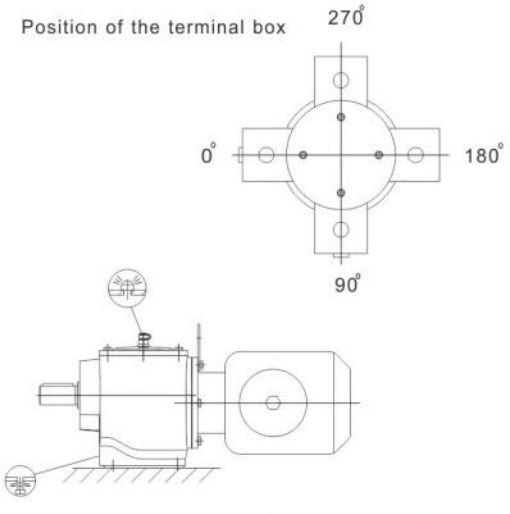
1. Adding capacity of lubrication oil: (L)

Type	JRESR37..	JRESR47..	JRESR57..	JRESR67..	JRESK37..	JRESK47..	JRESK57..	JRESK67..	JRESSD30	JRESND30	JRESSD40	JRESND40	JRESSD50	JRESND50	JRESSD63	JRESND63	JRESSD75	JRESND75	JRESSD90	JRESND90
Fill quantity	0.3	0.7	0.8	1.1	0.5	0.8	1.3	1.1	0.2		0.4		0.5		0.7		1.5		1.8	

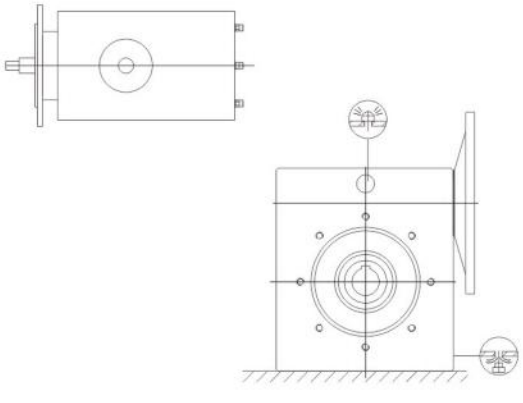
2. Weight (kg)

Type	JRESR37	JRESRF37	JRESR47	JRESRF47	JRESR57	JRESRF57	JRESR67	JRESRF67	JRESK37	JRESKA37	JRESKA37-T	JRESKF37	JRESKAF37	JRESK47	JRESKA47	JRESKA47-T	JRESKF47	JRESKAF47	JRESK57	JRESKA57	JRESKA57-T
Weight	11	13	16	18	20	24	28	33	13	12	13	16	16	20	19	20	24	22	25	23	24.5
Type	JRESKF57	JRESKAF57	JRESK67	JRESKA67	JRESKA67-T	JRESKF67	JRESKAF67	SS63M2-4P	SS71M1-6P	SS71M2-6P	SS71M1-4P	SS80M1-6P	SS71M2-4P	SS80M1-4P	SS80M2-4P	SS90S-4P	SS90L-4P	SS90S-2P	SS100L1-4P	SS90L-2P	SS100L2-4P
Weight	31	30	32	31	33	38	36	9.4	12.8	13.6	9.4	18.8	11.4	17.9	22	19.5	22.2	22.1	41.5	27.2	50.1
Type	SS100L-2P	SS112M-4P	SS112M-2P	SS132S-4P	SS132S1-2P	SS132M-4P	SS132S2-2P	JRESSD30	JRESSD40	JRESSD50	JRESSD63	JRESSD75	JRESSD90	JRESND30	JRESND40	JRESND50	JRESND63	JRESND75	JRESND90		
Weight	42.4	52.1	43	66	75.5	77	75.5	3.5	6.5	9	13.6	20.5	35.8	3.5	6.5	9	13.6	20.5	35.8		

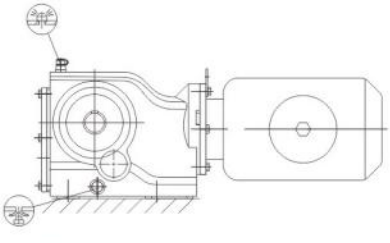
3.Mounting Position Designation



JRESR..Figure is normal Position. If others, please contact us



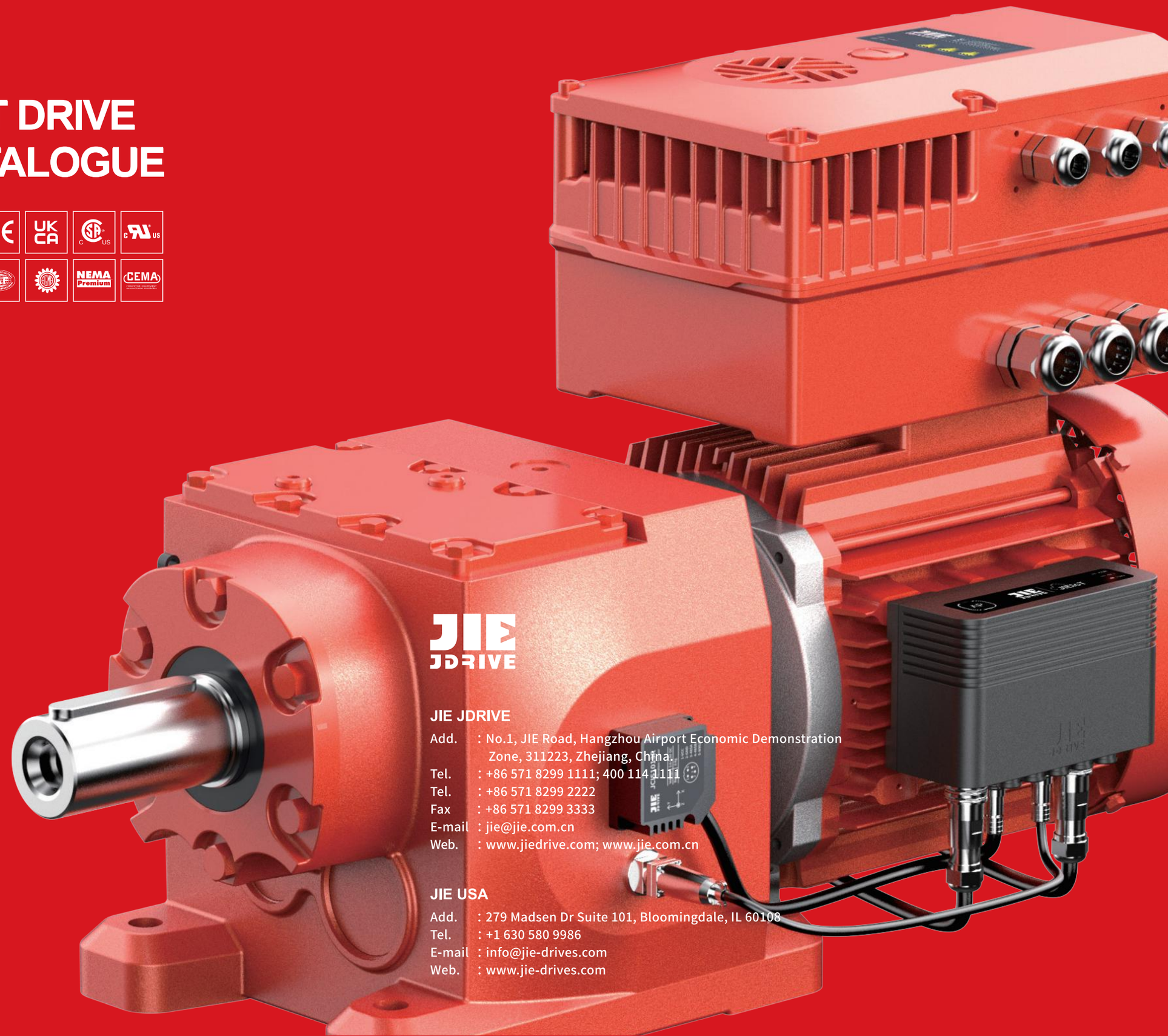
JRESS/JRESN..Figure is normal Position.
If others, please contact us



JRESK..Figure is normal Position. If others, please contact us

Symbol	Meaning
	Breather
	Oil drain plug

JIE INTELLIGENT DRIVE SOLUTIONS CATALOGUE



JIE JDRIVE

JIE JDRIVE

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Tel. : +86 571 8299 1111; 400 114 1111
Tel. : +86 571 8299 2222
Fax : +86 571 8299 3333
E-mail : jie@jie.com.cn
Web. : www.jiedrive.com; www.jie.com.cn

JIE USA

Add. : 279 Madsen Dr Suite 101, Bloomingdale, IL 60108
Tel. : +1 630 580 9986
E-mail : info@jie-drives.com
Web. : www.jie-drives.com

JRT GEAR UNITS & GEARMOTORS

JRTR
Helical Inline Gearmotors
Size: 09-189
Ratio: 3.37-289.74
Input power: 0.09-250kW
Output torque: 2.4-56494N.m

JRTF
Parallel Shaft Helical Gearmotors
Size: 29-169
Ratio: 3.77-281.71
Input power: 0.12-250kW
Output torque: 3.5-37125N.m

JRTK
Helical-Bevel Gearmotors
Size: 39-189
Ratio: 3.98-197.37
Input power: 0.12-200kW
Output torque: 10-62800N.m

JRTS
Helical-Worm Gearmotors
Size: 39-99
Ratio: 3.97-288
Input power: 0.12-22kW
Output torque: 10-4900N.m

JRTW
Helical Face Gearmotor
Size: 10-30
Ratio: 6.57-75
Input power: 0.09-1.1kW
Output torque: 25-70N.m

JRH INDUSTRIAL GEAR UNITS

JRHH
Parallel Shaft Gear Units
Size: 3-28
Ratio: 1.25-450
Input power: 4.3-10515kW
Output torque: 2300-1400000N.m

JRHB
Helical Bevel Gear Units
Size: 4-28
Ratio: 5-400
Input power: 2.8-4908kW
Output torque: 5500-1400000N.m

JRHD
Bucket Elevator Gear Units
Size: 5-16
Ratio: 25-71
Input power: 16-1305kW
Output torque: 11000-173000N.m

JRHO
Palm Oil Gear Units
Size: 310
Ratio: 56, 80
Input power: 106,141kW
Output torque: 75000N.m

JRHA
Cooling Tower Gear Units
Size: 166
Ratio: 14
Input power: 228kW
Output torque: 21000N.m

JRP PLANETARY GEAR UNITS

JRP
Planetary Gear Units
Size: 9-36
Ratio: 25-4000
Input power: 0.4-12934kW
Output torque: 22000-2600000N.m

JRP
Planetary Gear Units
Size: 01-8
Ratio: 3.08-3460
Input power: 0.02-192kW
Output torque: 1000-13000N.m

JRPH
Rotary Planetary Gear Units
Size: 08-100
Ratio: 3.4-2000
Input power: 75-250kW
Output torque: 8000-100000N.m

JRP RV
Inline Planetary Gear Units
Ratio: 3-100
Backlash: 1-3/3-5/5-7arc-min
Torque: 6-3300N.m

JRP RE
Right Angle Planetary Gear Units
Ratio: 3-100
Backlash: 4-9/6-11arc-min
Torque: 12-1920N.m

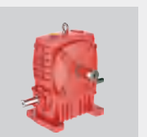
JRW WORM GEAR UNITS

JRSTD
IEC Worm Gear Units
Size: 25-150
Ratio: 5-100
Input power: 0.06-15kW
Output torque: 13-1550N.m

JRWND
NEMA Worm Gear Units
Size: 30-150
Ratio: 5-100
Input power: 0.06-15kW
Output torque: 13-1550N.m

JRWNED
Double Reduction Units
Size: 25/30-63/150
Ratio: 100-5000
Input power: 0.06-1.5kW
Output torque: 29-2670N.m

JRKM, JRKB
Hypoid Gear Units
Size: 28-68
Ratio: 7.5-300
Input power: 0.07-11.1kW
Output torque: 80-750N.m



WPA
Worm Gears
Size: 40-250
Ratio: 10-60
Input power: 0.12-3.2KW
Output torque: 19-2745N.m

JD THREE PHASE ASYNCHRONOUS MOTORS

JDC, JCS Servo Motors & Drives
Power: 0.4-7.5kW
Output Torque: 1.3-48N.m
Input power: 1AC 220V/3AC 380V
Communication:
Pulse, EtherCAT, Profinet

JDL
Asynchronous Servo Motor
Torque: 2.5-200N.m
Speed: 1200r/min-3000r/min

JD-IEC
IEC Standard Motors
Size: 63-315
Power: 0.12-200kW
Efficiency: IE3 IE4 IE5

JD-NEMA
NEMA Standard Motors
Size: 56C-365TC
Power: 0.16-30HP
Efficiency: NEMA Premium

JD-B
Explosion-Proof Motors
Size: 80-315
Power: 0.55-200kW
Explosion-Proof Grade:
Exib II BT4
Efficiency: IE3 IE4 IE5

JC INTELLIGENT DRIVE SOLUTIONS

JC
Intelligent Drive Solutions
Industrial Drive Solutions incl Reducers, Motors, Converters, Sensors, Internet of Things, etc.

JCMC VFD Gearmotors
Size: 175-255
Power: 0.75-5.5kW
Input Power: 3AC 380-440V
Output Frequency: 0-200Hz
Communication:
ModbusRTU, Profinet, ASi

JCI Intelligent Monitoring System
Power: AC220V, DC24V
Communication: Wifi, 4G, RS485
Items:
Vibration, Temperature, Pressure, Current
Deployment:
Public Cloud, Private Cloud

JCME Distributed VFDS
Size: 175-255
Power: 0.75-5.5kW
Input power: 3*AC380-440V
Output Frequency: 0-200Hz
Communication:
Profinet, ModbusRTU, ASi

JCF VFDS
Size: 175-355
Power: 0.75-55kW
Input power:
1*AC220/3*AC400V
Communication:
Profinet, EtherCAT, CANOPEN

MORE OPTIONS

JRES(R、K)
Stainless Steel Helical Gearmotos
Size: 37-67
Ratio: 3.41-199.81
Input power: 0.18-7.5kW
Output torque: 12-910N.m

JRES
Stainless Steel Worm Gearmotors
Size: 30-90
Ratio: 7.5-100
Input power: 0.06-4kW
Output torque: 2.6-458N.m

JRTH、JRTV
Front&Rear Roller Gearboxes
Size: 18-60
Ratio: 3-1800
Input power: 0.1-7.5kW
Output torque: 1.6-3292N.m

JRSS
Screw Lifters
Size: 35-150
Ratio: 5-40
Input power: 0.19-16.3kW
Lift Capacity: 500-26050kg

JRTM
Spiral Bevel Right Angle Units
Size: 2-25
Ratio: 1-5
Input power: 0.014-335kW
Input Speed: 10-1450r/min

JRGC
Transfer Case
Size: 0401, 1501
Ratio: 0.589, 0.659, 0.756, 0.825
Max. Output Torque(Pump): 1390N.m
Max. Output Torque(Working Shift)
40000N.m

JN
Agricultural Machinery Gear Units
Ratio: 0.364-2.33
Input Speed: 800r/min
Efficiency: ≥96%

JPF
Front&Rear Roller Gearboxes
Size: 1706-2012
Ratio: 3.04-33.568
Input power: 1.5-3kW
Output torque: 110-272N.m

JEC
Escalator Units
Size: 2-15, 2-25
Ratio: 24.5
Efficiency: ≥96%
Working Life: 146000h
Output torque: 3530-5150N.m

JIE Intelligent Drive Solutions Provider
For more products, please contact JIE.
(Metric)

JIE Drive Intelligent Factory

"12345" Plan of JIE Drive Intelligent Factory: 1 Scene, i.e. JIE Intelligent Drive Solutions; 2 Platforms, i.e. Offline JIE Intelligent Drive Industrial Platform and Online JIE New Manufacturing Platform; 3 Functions, i.e. Office Area, Production Area and Living Area; 4 Standards, i.e. Chinese Standard, American Standard, German Standard and Japanese Standard; 5 Intelligences, i.e. Intelligent Plants, Intelligent Products, Intelligent Services, Intelligent Experiences and Intelligent Talents.We are dedicated to building a professional, Intelligent and Global JIE on the basis of environment-friendly, sustainable development, and global service.

JIE Intelligent Factory Office Area


Building A Business Center


Building B Innovation Center


Building C Operation Center

JIE Intelligent Factory Production Area

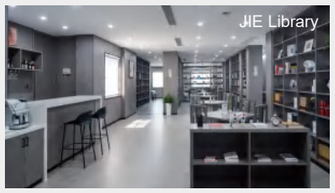

JIE Drive Intelligent Factory


Operations Command Center


Nationally Recognized Laboratory

JIE Intelligent Factory Living Area


JIE Common Area


JIE Library


JIE Fitness Center

JIE Intelligent Drive Situational Application

Drive solutions include Intelligent Central Stereoscopic Warehouse, Intelligent Plant of Housings, Intelligent Plant of Gears, Intelligent Plant of Motors, Intelligent Plant of Assembly and Intelligent Testing.


JIE Intelligent Drive Solutions for Stackers


JIE Intelligent Drive Solutions for RGVs


JIE Intelligent Drive Solutions for Conveyor Systems


JIE Intelligent Drive Solutions for Elevators


JIE Intelligent Drive Solutions for Cranes


JIE Intelligent Drive Solutions for Industrial Ceiling Fans


JIE Intelligent Drive Solutions for Housings Cleaning Lines


JIE Intelligent Drive Solutions for Heat Treatment Lines


JIE Intelligent Drive Solutions for Motors Winding & Embedding


JIE Intelligent Drive Solutions for Product Assembly Lines

JIE Intelligent Drive Top 10 Industry Case Applications

JIE provides Intelligent Drive Solutions and Digital Technologies to the top 10 enterprises in manufacturing, clothing, food, housing, automotive, energy, transportation, agriculture, Petrochemical, and maritime industries.


JIE Intelligent Drive Solutions for Logistics Equipment Industry


JIE Intelligent Drive Solutions for Textile Machinery Industry


JIE Intelligent Drive Solutions for Food and Beverage Industry


JIE Intelligent Drive Solutions for Construction Machinery Industry


JIE Intelligent Drive solutions for Automotive Engineering Industry


JIE Intelligent Drive Solutions for Power and Energy Industry


JIE Intelligent Drive Solutions for Lifting and Transportation Industry


JIE Intelligent Drive Solutions for Agricultural and Animal Husbandry Machinery Industry


JIE Intelligent Drive Solutions for Petrochemical Industry

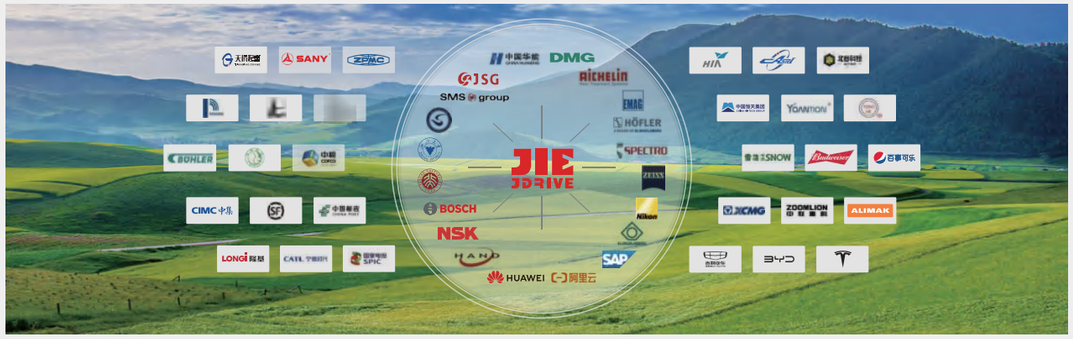

JIE Intelligent Drive Solutions for Marine Industry

JIE Intelligent Drive Industrial Platform

Using intelligent products, to build intelligent plants and produce intelligent products, serving customers with intelligent products, intelligent services and intelligent experiences. To build an industrial platform and achieve win-win cooperation.

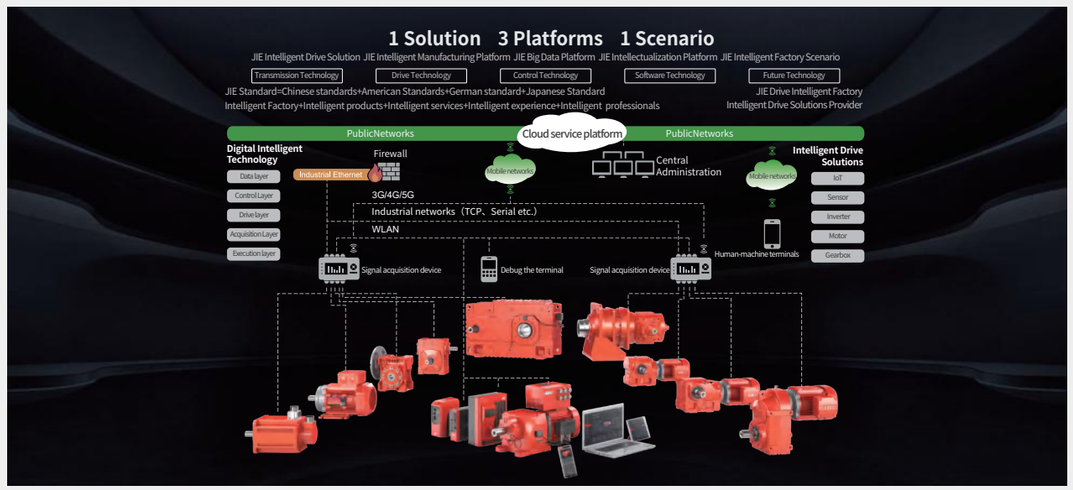
JIE Intelligent Drive Ecosystem

From supply chain management, Innovation chain integration, industrial chain development, value chain synergy to ecological chain construction, JIE focuses on Supply-chain enhancement & complement to achieve win-win cooperation through Three Hundred-Thousand-Ten Thousand Project, namely Cultivating Excellent Employees, Integrating Excellent Suppliers and Serving Excellent Customers.



JIE Intelligent Dirve Digital Products

JIE Intelligent Drive “131” Digital Product System: 1 Solution - JIE Intelligent Drive Solution; 3 Platforms - JIE Intelligent Manufacturing Platform, JIE Big Data Platform and JIE Intellectualization Platform; 1 Scenario - JIE Intelligent Factory Scenario, incl.JRT Intelligent Gearmotors JRH Intelligent Industrial Gear Units JRP Intelligent Planetary Gear Units JRW High-efficiency Worm Reducers JD High-efficiency Motors JC Intelligent Drive Solutions. JIE is dedicated to serving our valued customers with great products and providing excellent services with a strong team.



JIE Intelligent Drive Research Institute + Innovation Center + Intelligent Factory

JIE Intelligent Drive “Research Institute + Innovation Center + Intelligent Factory” 111 Innovative Development Model: Take the Research Institute as the lead to create talent hub, Take Science & Innovation Park as a platform to build industrial ecosystem. Based on business entities, positioning "Specialization, Refinement, Differentiation, Innovation".

China Manufacturing Center Global Assembly Factories

JIE based in China, serves the World, including Europe, JIE China, JIE USA, and JIE Europe provide localized service, face-to-face service, and one-on-one service in the global market.