GET YOUR BEST TRANSMISSION SOLUTION

REDSKAP TRANSMISSION PVT.LTD

PRODUCT DESCRIPTION

QUALITY THROUGH INNOVATION & CONTROL

The products manufactured by Redskap meet very high quality requirements. Constant control with strict compliance of initiated quality guidelines meets highest demands .State - of - the - art processing centres, contiguous measuring and test technology , and a distinctive quality awareness in all employees are a guarantor for efficient and function - oriented products.

Split design in high loaded pair gives the strength to the products.

The tersionally - rigid gear unit casing are made of high quality cast iron and casings are heavily ribbed and securely connected with adaptor flange and motor body and guarantee a vibration - free operation.
The robust structure and optimum ball bearings to allow for absorbing even high external loads.

A high efficiency is reached through helical , hardened and precision - machined gear wheels. The motor output becomes effective at the output shaft without nearly any losses.

The gear units are tested in the experimental test field and tested for extreme requirements. With standard motor type of IEC-2 and insulation class F.

Constant innovation and always looking for better manufacturing process allow for withstanding the growing requirements of the market.

PRODUCT DESCRIPTION
GENERAL TECHNICAL DATA

Motor output and output torque:

The motor output and output torque values listed in the selection tables refer to normal operation conditions and the standard type of construction of the respective type of gear units. The decisive factor is that the drive stage dose not completely run in oil bath.

Output Speed:

The output speeds listed in the selection tables are guide values and can be calculated using the specified motor speed and the respectively valid exact gear ratio. However , the actual output speed depends on the effective motor load and the local supply conditions and , therefore , may deviate slightly.

Service Factor:

The service factor SF listed in the selection tables is calculated using the maximum permissible torque of the gear unit and the output torque permitted by the installed motor output. Service Factor are not standardized and , therefore, may differ depends upon the manufacturer. For Redskap es geared unit with a service factor of SF=1 already offers an enduring dimensioning and, therefore, ensure highest reliability.

Weights:

The weights specified are guide values for further dimensioning. Due to the variation in gear ratios and different type of construction (oil quantity), the exact weights may deviate slightly.

GENERAL CONSTRUCTION DESIGN AND DIMENSIONING

THE GEAR UNIT

Gear wheels

Gear wheels are carburized and hardened helical and shaved and grounded.

Castings :

Casing and adapter casting are GG15-GG20 cast iron as standard.

Bearings:

All casing ball bearing are sufficient dimensioned, Input bearing are 2RS ball bearing with C3 design.

Shafts:

Output shafts made of quenched and tempered steel.

Lubrication:

Splash lubrication with gear oil SS-320 or Synthetic oil, Input bearing is self lubricated 2RS type.

Seals:

Radial shaft seals, with dust lip at output side

Efficiency:

The efficiency of a gear unit is primally determined by splash losses, bearing and gearing friction. On an average across all size the efficiency measures approximately 99% for standard gear unit.

Ordering Information

1&2 — 3 — 4-5-6 — 7-8-9-10-11

e.g - **RIB12800182C063S4S**

RI
Series

B
Mounting
B-Foot mounting
V-Flange mounting

Model
128
142
162

Ratio
18.2

12 — 13-14-15 — 16 — 17 — 18

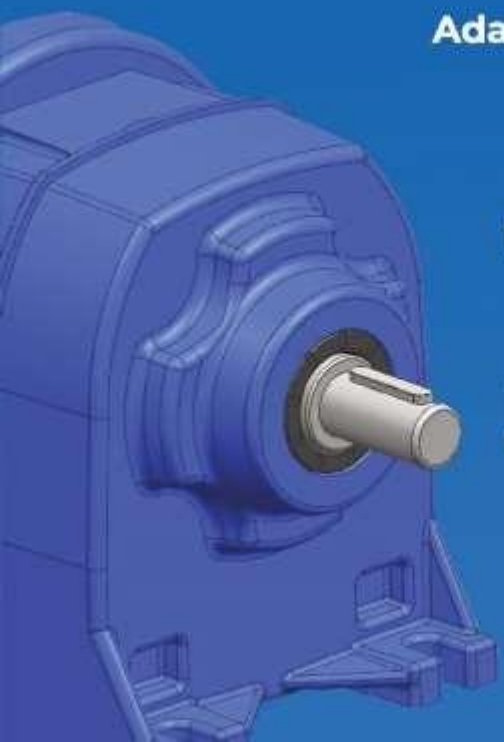
Adapter Size
A-140-11
B-160-14
C-200-19
D-200-24
E-250-28
F-300-38
G-350-42
H-350-48

Model
063 | 071 |
090 | 100 | 112

Motor type
S | L | M

Motor Pole
2 | 4 | 6 | 8

Gear head Type
S-Standard output shaft dia
A-Special output shaft dia



POWER RATIO CHART

KW-0.12					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
83.0	16.5	6.3	13.8	4500	128
75.3	18.2	11.9	15.2	4500	128
72.7	19.8	9.8	16.3	4500	128
66.2	20.7	6.3	17.3	4500	128
60.4	22.7	8.7	19.0	4500	128
49.6	27.6	7.0	23.1	4500	128
39.8	34.4	5.9	28.8	5280	128
33.0	41.5	5.5	34.7	5280	128
28.8	47.6	4.1	39.8	5400	128
26.6	51.6	4.8	43.2	5500	128
20.5	66.7	3.2	55.8	6100	128
19.2	71.4	3.2	59.7	6100	128
13.7	100.1	2.0	83.7	6500	128
37.7	36.3	10.0	30.4	3600	142
30.3	45.2	7.3	37.8	3600	142

0.18Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
119.1	11.5	9.0	14.4	3850	128
108.3	13.3	8.6	15.0	3850	128
104.3	13.8	7.9	17.3	3850	128
100.7	14.3	7.2	18.0	4000	128
83.0	16.5	7.1	20.7	4150	128
75.3	18.2	7.1	22.8	4150	128
72.7	19.8	6.8	24.0	4200	128
66.2	20.7	6.2	26.0	4300	128
60.4	22.7	5.8	28.5	4350	128
49.6	27.6	4.7	34.6	4600	128
39.8	34.4	4.0	43.2	4760	128
33.0	41.5	3.7	52.1	5200	128
28.8	47.6	2.7	59.7	5500	128
26.6	51.6	3.2	64.7	5500	128
20.5	66.7	2.1	83.7	5800	128
19.2	71.4	2.1	89.6	5800	128
13.7	100.1	1.3	125.6	6350	128
37.7	36.3	6.7	45.5	7200	142
30.3	45.2	4.9	56.7	7600	142

0.25Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
636.4	2.2	14.0	3.8	2950	128
500.0	2.8	14.0	4.8	3050	128
378.4	3.7	14.0	6.3	3200	128
304.3	4.6	12.4	7.8	3300	128
250.0	5.6	10.5	9.5	3400	128
202.9	6.9	8.6	11.8	3500	128
192.0	7.5	7.8	14.0	3600	128
148.9	9.4	7.4	16.0	3750	128
130.9	11	6.9	18.0	3800	128
121.7	11.5	6.6	19.6	3900	128
108.3	13.3	6.5	22.0	3900	128
101.4	13.8	6.4	23.5	4000	128
100.7	14.3	6.3	26.0	4000	128
84.8	16.5	6.1	28.1	4100	128
76.9	18.2	5.8	31.0	4200	128
72.7	19.8	5.2	32.0	4200	128
67.6	20.7	4.5	35.3	4300	128
61.7	22.7	4.3	38.7	4450	128
50.7	27.6	3.4	47.1	4650	128
40.7	34.4	2.9	58.7	4900	128
33.7	41.5	2.7	70.8	5100	128
29.4	47.6	2.0	81.2	5250	128
27.1	51.6	2.3	88.0	5350	128
21.0	66.7	1.6	113.7	5700	128
19.6	71.4	1.6	121.8	5700	128
14.0	100.1	1.0	170.7	6000	128
14.5	47.6	1.0	164.7	6000	128
75.7	18.5	8.4	31.5	5900	142
58.8	23.8	7.2	40.6	5900	142
49.6	28.2	6.4	48.1	6000	142
38.6	36.3	4.8	61.9	6200	142
31.0	45.2	3.5	77.1	7000	142
43.5	32.2	12.0	54.9	8500	162
30.7	45.6	7.2	77.8	10600	162

POWER RATIO CHART

0.37Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
636.4	2.2	9.5	5.6	2950	128
500.0	2.8	9.5	7.1	3030	128
378.4	3.7	9.5	9.3	3200	128
304.3	4.6	8.4	11.6	3250	128
250.0	5.6	7.1	14.1	3400	128
202.9	6.9	5.8	17.4	3500	128
192.0	7.5	5.3	20.0	3600	128
148.9	9.4	5.0	23.7	3700	128
130.9	11	4.8	26.0	3750	128
121.7	11.5	4.5	29.0	3800	128
108.3	13.3	4.2	32.0	3850	128
101.4	13.8	3.9	34.8	3900	128
100.7	14.3	3.9	38.0	3950	128
84.8	16.5	3.9	41.6	4000	128
76.9	18.2	3.9	45.9	4100	128
72.7	19.8	3.5	48.0	4150	128
67.6	20.7	3.1	52.2	4200	128
61.7	22.7	2.9	57.3	4350	128
50.7	27.6	2.3	69.7	4500	128
40.7	34.4	2.0	86.8	4750	128
33.7	41.5	1.8	104.7	4900	128
29.4	47.6	1.6	120.1	5050	128
27.1	51.6	1.6	130.2	5100	128
21.0	66.7	1.1	168.3	5350	128
19.6	71.4	1.1	180.2	5400	128
14.0	100.1	0.7	252.6	4800	128
89.5	15.2	5.9	39.5	7000	142
73.5	18.5	5.7	48.1	7000	142
57.1	23.8	4.9	61.8	7550	142
48.2	28.2	4.3	73.3	7500	142
37.5	36.3	3.2	94.3	7500	142
30.1	45.2	2.4	117.4	7500	142
61.7	22.7	9.5	57.0	9000	162
54.1	25.9	8.9	65.0	9500	162
43.5	32.2	8.1	81.0	10000	162
30.7	45.6	4.9	115.0	12000	162

0.55Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
645.5	2.2	6.5	8.1	2900	128
507.1	2.8	6.5	10.4	3000	128
383.8	3.7	6.5	13.7	3150	128
308.7	4.6	5.7	17.0	3200	128
253.6	5.6	4.8	20.7	3350	128
205.8	6.9	3.9	25.5	3450	128
192.0	7.5	3.6	30.0	3500	128
151.1	9.4	3.4	34.8	3630	128
130.9	11	3.2	40.0	3660	128
123.5	11.5	3.0	42.5	3750	128
108.3	13.3	2.9	46.0	3750	128
102.9	13.8	2.8	51.0	3800	128
100.7	14.3	2.8	56.0	3800	128
86.1	16.5	2.8	61.0	3850	128
78.0	18.2	2.7	67.3	3950	128
72.7	19.8	2.3	72.0	3950	128
68.6	20.7	2.0	76.6	4000	128
62.6	22.7	2.0	84.0	4150	128
51.4	27.6	1.6	102.1	4350	128
41.3	34.4	1.3	127.2	4500	128
34.2	41.5	1.3	153.5	4600	128
29.8	47.6	1.1	176.1	4750	128
27.5	51.6	1.1	190.9	4750	128
131.5	10.8	4.8	39.9	4850	142
120.3	11.8	4.5	43.6	5000	142
100.7	14.1	4.2	52.2	5100	142
93.4	15.2	4.0	56.2	5150	142
76.8	18.5	3.8	68.4	5300	142
59.7	23.8	3.3	88.0	5600	142
50.4	28.2	2.9	104.3	5800	142
39.1	36.3	2.2	134.3	6100	142
31.4	45.2	1.6	167.2	6350	142
132.7	10.7	8.4	39.6	8300	142
129.1	11	7.7	40.7	8300	162
106.0	13.4	7.5	49.6	8300	162
100.0	14.2	6.8	52.5	8400	162

POWER RATIO CHART

0.55Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
75.1	18.9	6.7	69.9	8950	162
62.6	22.7	6.4	84.0	9200	162
54.8	25.9	6.0	95.8	9450	162
44.1	32.2	5.5	119.1	10000	162
31.1	45.6	3.3	168.7	10800	162

0.75Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
643.2	2.2	4.7	11.1	3900	128
505.4	2.8	4.7	14.2	3000	128
382.4	3.7	4.7	18.7	3100	128
307.6	4.6	4.2	23.3	3150	128
252.7	5.6	3.5	28.3	3300	128
205.1	6.9	2.9	34.9	3400	128
192.0	7.5	2.6	41.0	3450	128
150.5	9.4	2.5	47.6	3550	128
130.9	11	2.3	51.0	3600	128
123.0	11.5	2.2	58.2	3650	128
108.3	13.3	2.1	62.0	3650	128
102.5	13.8	2.0	69.8	3650	128
100.7	14.3	2.0	73.0	3650	128
85.8	16.5	2.0	83.5	3650	128
77.7	18.2	2.0	92.1	3800	128
72.7	19.8	1.6	99.0	3800	128
68.4	20.7	1.4	104.8	3800	128
62.3	22.7	1.4	114.9	3950	128
51.3	27.6	1.2	139.7	4100	128
41.1	34.4	1.0	174.1	4250	128
34.1	41.5	0.9	210.1	4050	128
29.7	47.6	0.8	240.9	4500	128
27.4	51.6	0.8	261.2	4400	128
141.5	10	4.0	50.6	4800	142
131.0	10.8	3.5	54.7	4750	142
119.9	11.8	3.3	59.7	4850	142
100.4	14.1	2.9	71.4	4950	142
93.1	15.2	2.9	76.9	5000	142

0.75Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
76.5	18.5	2.8	93.6	5150	142
59.5	23.8	2.4	120.5	5400	142
50.2	28.2	2.1	142.7	5550	142
39.0	36.3	1.6	183.7	5850	142
31.3	45.2	1.2	228.8	6050	142
132.2	10.7	6.1	54.2	7800	162
128.6	11	3.6	55.7	7900	162
105.6	13.4	5.5	67.8	8000	162
99.6	14.2	3.5	71.9	8300	162
74.9	18.9	4.9	95.7	8850	162
62.3	22.7	4.7	114.9	9000	162
54.6	25.9	4.4	131.1	9300	162
43.9	32.2	4.0	163.0	9750	162
31.0	45.6	2.4	230.8	10500	162

1.1Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
650.0	2.2	3.3	16.2	2850	128
510.7	2.8	3.3	20.6	2950	128
386.5	3.7	3.3	27.2	3000	128
310.9	4.6	2.9	33.8	3050	128
255.4	5.6	2.4	41.1	3200	128
207.2	6.9	2.0	50.7	3300	128
192.0	7.5	1.8	60.0	3300	128
152.1	9.4	1.7	69.0	3400	128
130.9	11	1.6	76.0	3450	128
124.3	11.5	1.5	84.5	3500	128
108.3	13.3	1.5	90.0	3500	128
103.6	13.8	1.4	101.4	3500	128
100.7	14.3	1.4	111.0	3500	128
86.7	16.5	1.4	121.2	3500	128
78.6	18.2	1.4	133.7	3500	128
72.7	19.8	1.1	142.0	3500	128
69.1	20.7	1.0	152.1	3500	128
63.0	22.7	1.0	166.7	3500	128
51.8	27.6	0.8	202.7	3500	128

POWER RATIO CHART

1.1Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
681.0	2.1	3.6	15.4	3750	142
510.7	2.8	3.6	20.6	3900	142
397.2	3.6	3.6	26.4	4050	142
304.3	4.7	3.6	34.5	4200	142
255.4	5.6	3.2	41.1	4300	142
198.6	7.2	3.0	52.9	4450	142
184.6	7.8	2.8	63.0	4600	142
160.0	9	2.7	68.0	4600	142
143.0	10	2.7	73.5	4630	142
132.4	10.8	2.3	79.3	4700	142
121.2	11.8	2.3	86.7	4750	142
101.4	14.1	2.1	103.6	4800	142
94.1	15.2	2.0	111.7	4900	142
77.3	18.5	1.9	135.9	4900	142
60.1	23.8	1.6	174.8	5050	142
50.7	28.2	1.5	207.1	5200	142
39.4	36.3	1.1	266.6	5350	142
31.6	45.2	0.8	332.0	5600	142
317.8	4.5	6.4	33.1	7000	162
280.4	5.1	5.9	37.5	7200	162
244.1	5.9	5.6	42.0	7250	162
223.4	6.4	5.5	47.0	7400	162
184.6	7.8	5.2	58.0	7500	162
152.1	9.4	5.0	69.0	7850	162
133.6	10.7	4.2	78.6	7900	162
130.0	11	3.7	80.8	7750	162
106.7	13.4	3.7	98.4	7900	162
100.7	14.2	3.4	104.3	8100	162
75.7	18.9	3.4	138.8	8650	162
63.0	22.7	3.2	166.7	8750	162
55.2	25.9	3.0	190.3	9000	162
44.4	32.2	2.7	236.5	9400	162
31.4	45.6	1.6	335.0	10000	162

1.5Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
650.0	2.2	2.4	22.0	2800	128
510.7	2.8	2.4	28.0	2900	128
386.5	3.7	2.4	37.1	3000	128
310.9	4.6	2.1	46.1	3000	128
255.4	5.6	1.8	56.1	3150	128
207.2	6.9	1.5	69.1	3200	128
192.0	7.5	1.4	82.0	3200	128
152.1	9.4	1.3	94.2	3250	128
130.9	11	1.2	102.0	3250	128
124.3	11.5	1.1	115.2	3300	128
108.3	13.3	1.1	125.0	3300	128
103.6	13.8	1.0	138.2	3300	128
100.7	14.3	1.0	153.0	3300	128
86.7	16.5	1.0	165.3	3300	128
78.6	18.2	1.0	182.3	3300	128
681.0	2.1	2.7	21.0	3700	142
510.7	2.8	2.7	28.0	3850	142
397.2	3.6	2.7	36.1	4000	142
304.3	4.7	2.7	47.1	4250	142
255.4	5.6	2.3	56.1	4200	142
198.6	7.2	2.2	72.1	4350	142
184.6	7.8	2.1	83.0	4350	142
160.0	9	2.1	91.0	4400	142
143.0	10	2.0	100.2	4450	142
132.4	10.8	1.8	108.2	4450	142
121.2	11.8	1.7	118.2	4550	142
101.4	14.1	1.5	141.2	4550	142
94.1	15.2	1.5	152.3	4670	142
77.3	18.5	1.4	185.3	4670	142
60.1	23.8	1.2	238.4	4670	142
50.7	28.2	1.1	282.5	4670	142
39.4	36.3	0.8	363.6	4670	142
650.0	2.2	5.0	22.0	6850	162
510.7	2.8	5.0	28.0	6800	162
386.5	3.7	5.0	37.1	7000	162
317.8	4.5	4.7	45.1	7100	162

POWER RATIO CHART

2.2Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
652.3	2.2	1.6	32.2	2700	128
512.5	2.8	1.6	41.0	2800	128
387.8	3.7	1.6	54.2	2850	128
312.0	4.6	1.4	67.3	2800	128
256.3	5.6	1.2	82.0	3000	128
208.0	6.9	1.0	101.0	3050	128
192.0	7.5	1.0	117.0	3050	128
152.7	9.4	0.9	137.6	3050	128
130.9	11	0.9	153.0	3050	128
124.8	11.5	0.8	168.4	3050	128
683.3	2.1	1.8	30.7	3650	142
512.5	2.8	1.8	41.0	3750	142
398.6	3.6	1.8	52.7	3900	142
305.3	4.7	1.8	68.8	4000	142
256.3	5.6	1.6	82.0	4050	142
199.3	7.2	1.5	105.4	4050	142
184.6	7.8	1.4	121.0	4050	142
160.0	9	1.4	132.0	4050	142
143.5	10	1.4	146.4	4150	142
132.9	10.8	1.1	158.1	4150	142
121.6	11.8	1.1	172.8	4200	142
101.8	14.1	1.0	206.4	4200	142
94.4	15.2	1.0	222.5	4250	142
77.6	18.5	1.0	270.8	4250	142
60.3	23.8	0.8	348.4	4250	142
652.3	2.2	3.4	32.2	6050	162
512.5	2.8	3.4	41.0	6300	162
387.8	3.7	3.4	54.2	6550	162
318.9	4.5	3.2	65.9	6700	162
281.4	5.1	3.0	74.7	6850	162
244.1	5.9	2.8	83.0	6950	162
224.2	6.4	2.7	93.7	7050	162
184.6	7.8	2.6	115.0	7150	162
152.7	9.4	2.5	137.6	7300	162
134.1	10.7	2.1	156.6	7450	162
130.5	11	1.8	161.0	7600	162

2.2Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
107.1	13.4	1.9	196.2	7700	162
101.1	14.2	1.7	207.9	7850	162
75.9	18.9	1.7	276.7	8000	162
63.2	22.7	1.6	332.3	8000	162
55.4	25.9	1.5	379.2	8000	162
44.6	32.2	1.4	471.4	8250	162
31.5	45.6	0.8	667.6	8250	162

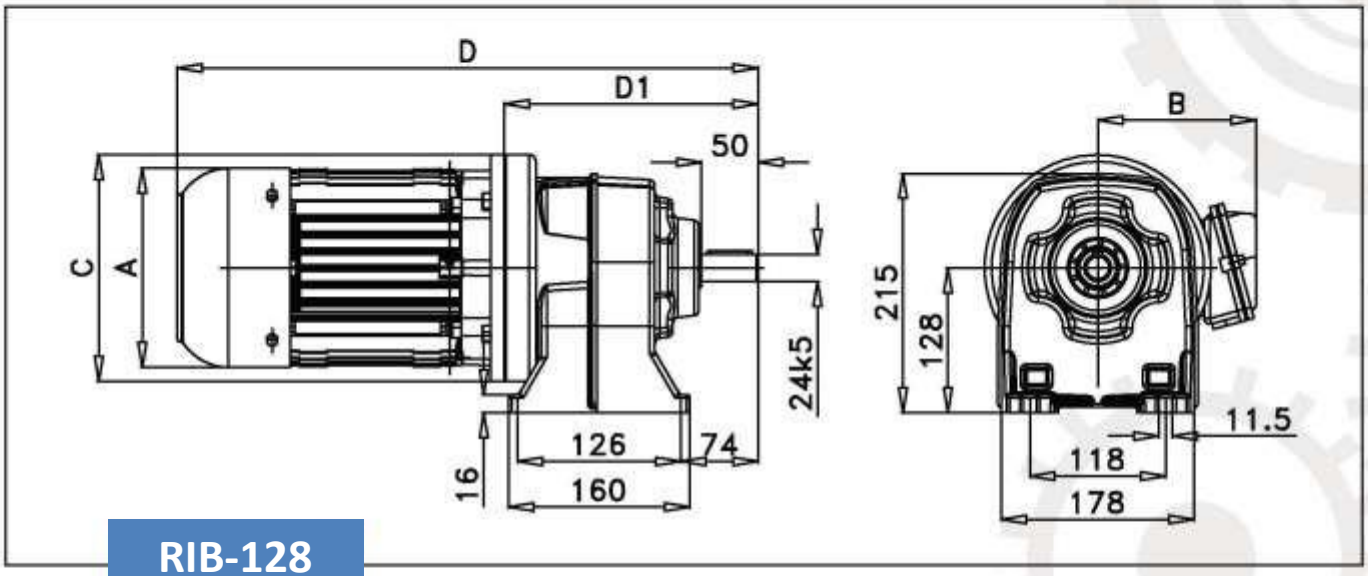
3.7Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
654.5	2.2	1.0	54.0	2600	128
514.3	2.8	1.0	68.7	2650	128
389.2	3.7	1.0	90.8	2700	128
313.0	4.6	0.9	112.9	2100	128
257.1	5.6	0.7	137.4	2100	128
685.7	2.1	1.1	51.5	3600	142
514.3	2.8	1.1	68.7	3650	142
400.0	3.6	1.1	88.3	3700	142
306.4	4.7	1.1	115.3	3750	142
257.1	5.6	0.9	137.4	3850	142
200.0	7.2	0.9	176.7	3800	142
184.6	7.8	0.8	198.0	3700	142
160.0	9	0.8	222.0	3700	142
144.0	10	0.8	245.4	3600	142
654.5	2.2	2.0	54.0	6050	162
514.3	2.8	2.0	68.7	6150	162
389.2	3.7	2.0	90.8	6450	162
320.0	4.5	1.9	110.4	6550	162
282.4	5.1	1.8	125.1	6750	162
244.1	5.9	1.7	138.0	6750	162
225.0	6.4	1.6	157.0	6900	162
184.6	7.8	1.5	186.0	7000	162
153.2	9.4	1.5	230.6	7100	162
134.6	10.7	1.2	262.5	7250	162
130.9	11	1.1	269.9	7250	162
107.5	13.4	1.1	328.8	7300	162

POWER RATIO CHART

3.7Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
101.4	14.2	1.0	348.4	7300	162
76.2	18.9	1.0	463.7	7300	162
63.4	22.7	0.9	557.0	7300	162
55.6	25.9	0.9	635.5	7300	162

5.5Kw					
Output RPM	Ratio	SF	Output Torque	Overhung Load	Model
654.5	2.2	1.4	80.2	5750	162
514.3	2.8	1.4	102.1	5900	162
389.2	3.7	1.4	135.0	6100	162
320.0	4.5	1.3	164.1	6200	162
282.4	5.1	1.2	186.0	6250	162
244.1	5.9	1.1	206.0	6250	162
225.0	6.4	1.1	233.4	6350	162
184.6	7.8	1.1	286.0	6200	162
153.2	9.4	1.0	342.8	6100	162
134.6	10.7	0.8	390.3	5500	162

GEOMETRICAL DIMENSIONS

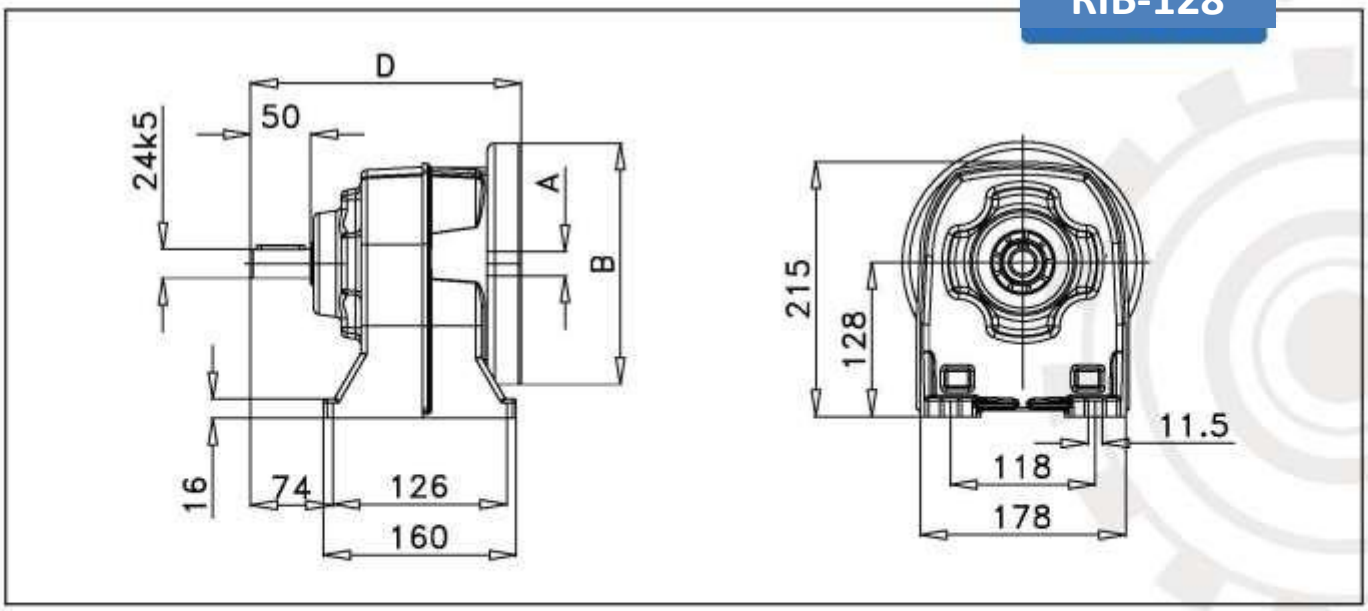


RIB-128

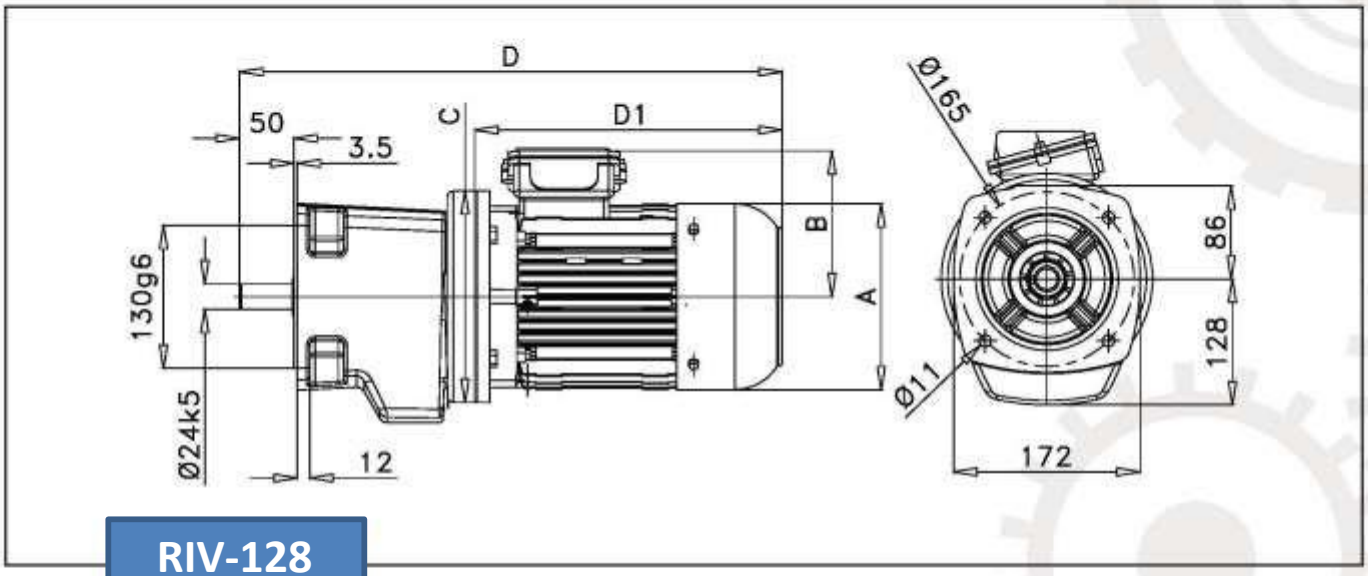
COMMON DIMENSIONS					
Frame Size	A	B	C	D	D1
128/63	123	100	140	396	190
128/71	138	109	160	421	214
128/80	156	124	200	461	236
128/90S	176	129	200	496	254
128/90L	176	129	200	521	279
128/100	194	138	250	575	309
128/112	218	152	250	594	328

COMMON DIMENSIONS			
Model	A	B	D
SIB-128	11	140	206
	14	160	207
	19	200	225
	24	200	242
	28	250	266

RIB-128



GEOMETRICAL DIMENSIONS

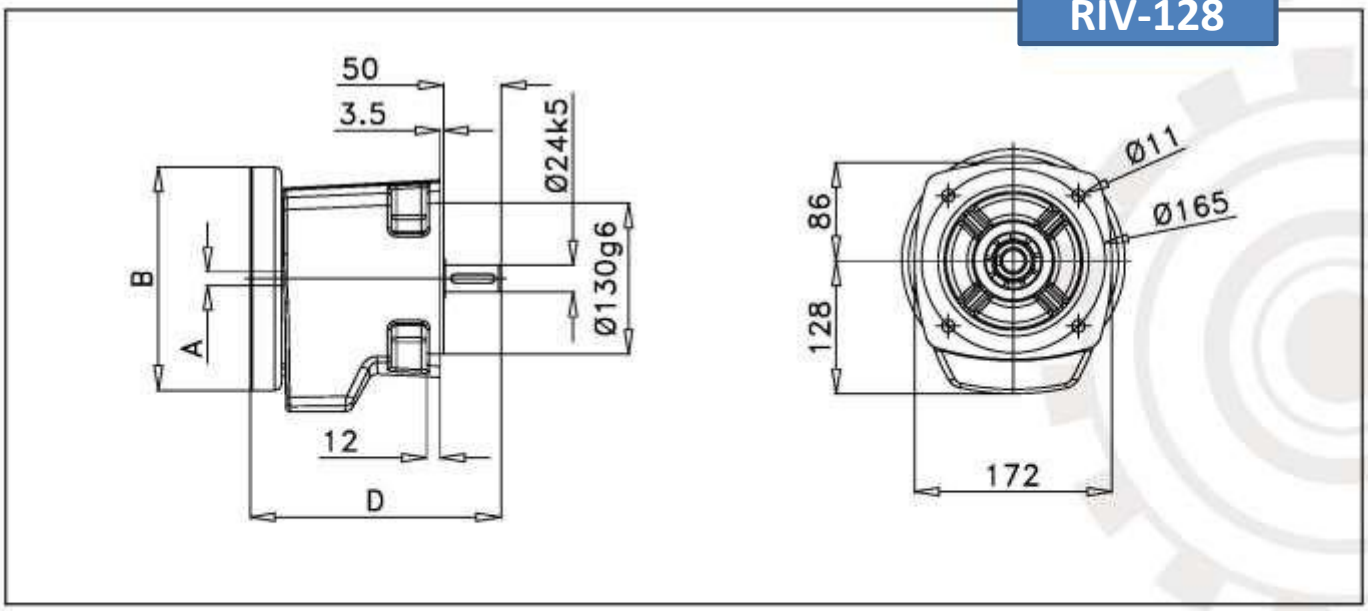


RIV-128

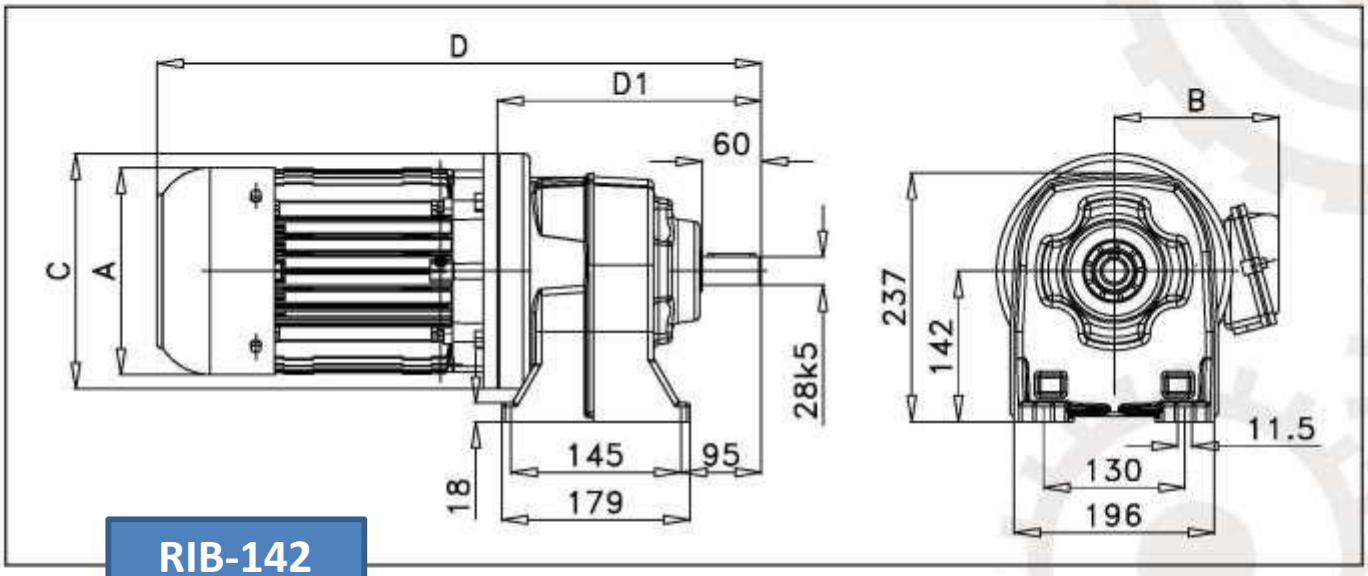
COMMON DIMENSIONS					
Frame Size	A	B	C	D	D1
128/63	123	100	140	396	190
128/71	138	109	160	421	214
128/80	156	124	200	461	236
128/90S	176	129	200	496	254
128/90L	176	129	200	521	279
128/100	194	138	250	575	309
128/112	218	152	250	594	328

COMMON DIMENSIONS			
Model	A	B	D
SIV-128	11	140	206
	14	160	207
	19	200	225
	24	200	242
	28	250	266

RIV-128



GEOMETRICAL DIMENSIONS

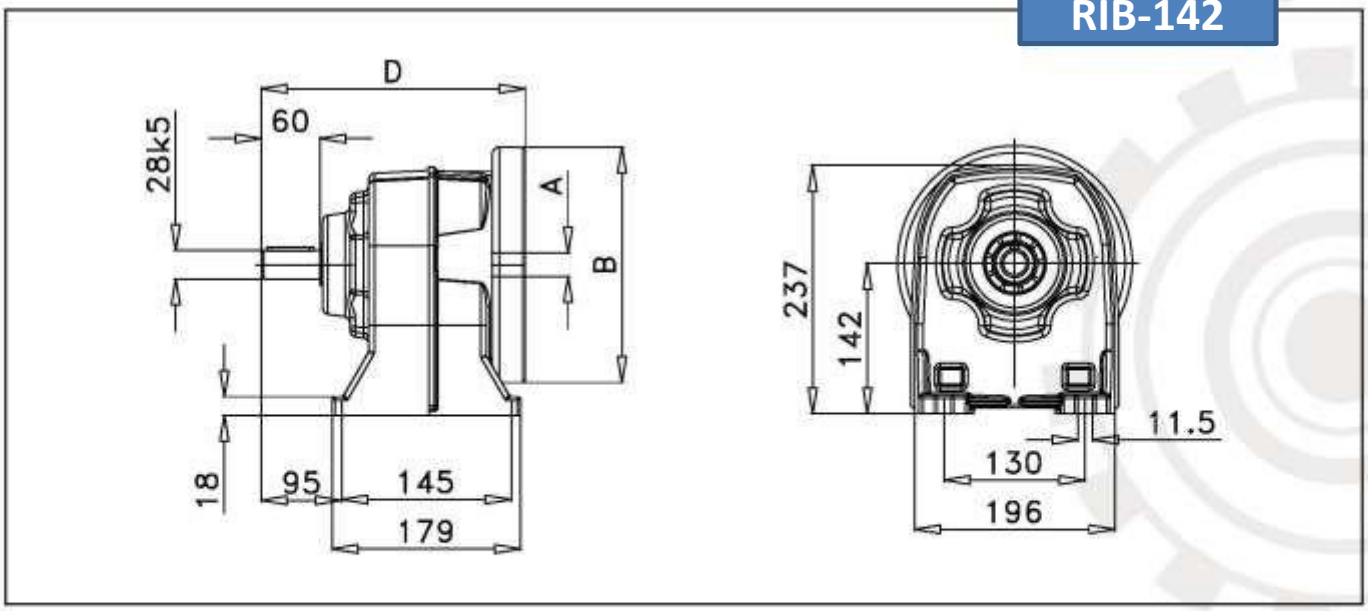


RIB-142

COMMON DIMENSIONS					
Frame Size	A	B	C	D	D1
142/80	156	124	200	489	236
142/90S	176	129	200	524	254
142/90L	176	129	200	549	279
142/100	194	138	250	621	309
142/112	218	152	250	640	328

COMMON DIMENSIONS			
Model	A	B	D
SIB-142	19	200	253
	24	200	270
	28	250	312

RIB-142



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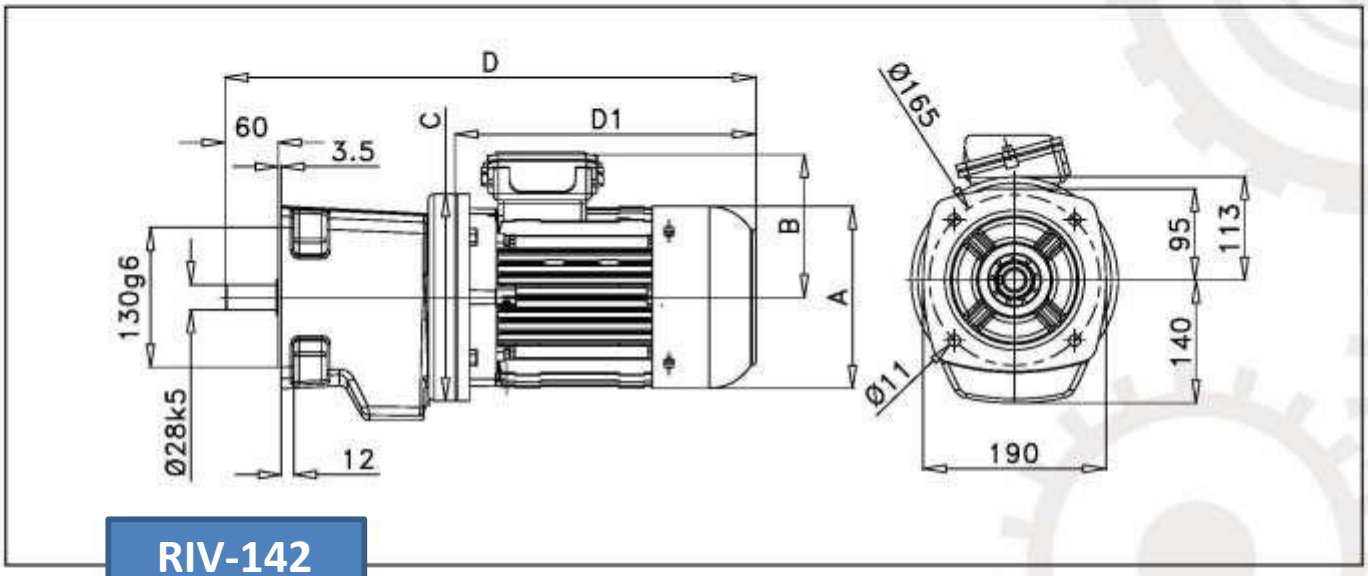
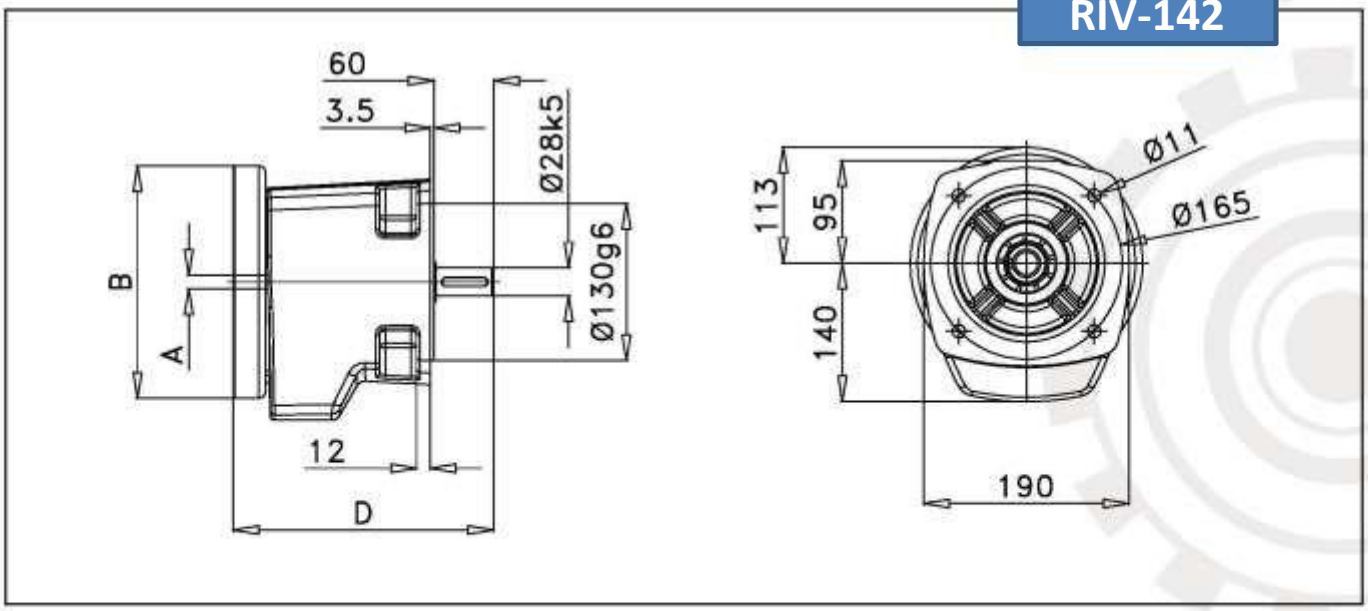


RIV-142

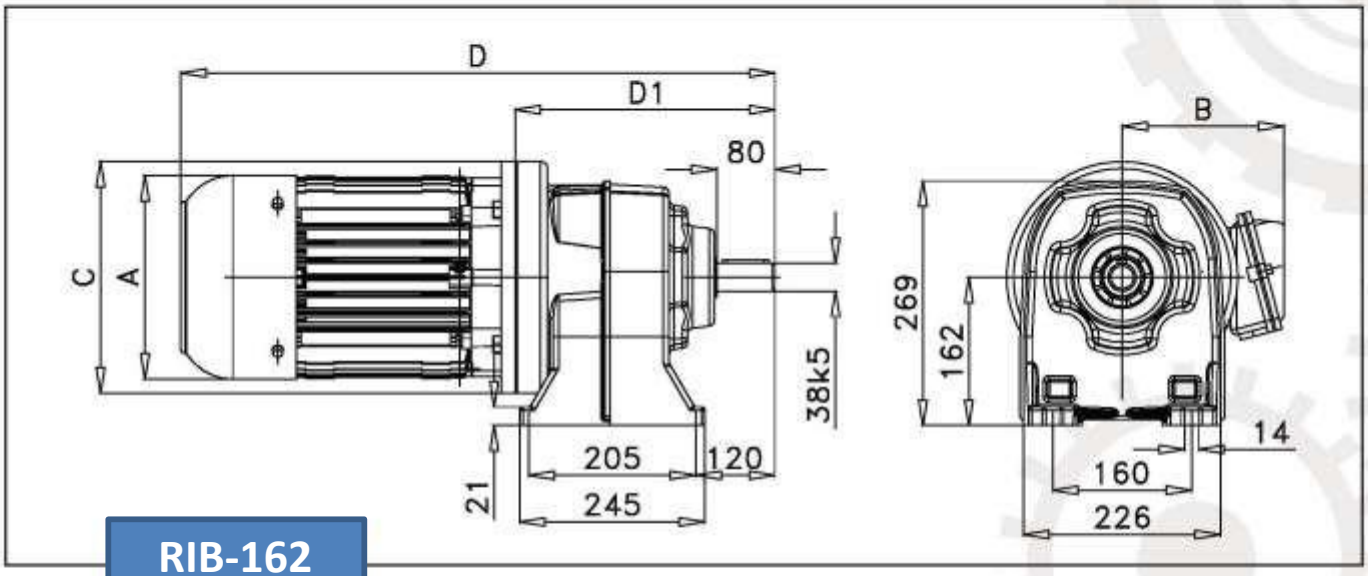
COMMON DIMENSIONS					
Frame Size	A	B	C	D	D1
142/80	156	124	200	489	236
142/90S	176	129	200	524	254
142/90L	176	129	200	549	279
142/100	194	138	250	621	309
142/112	218	152	250	640	328

COMMON DIMENSIONS			
Model	A	B	D
SIV-142	19	200	253
	24	200	270
	28	250	312

RIV-142



GEOMETRICAL DIMENSIONS

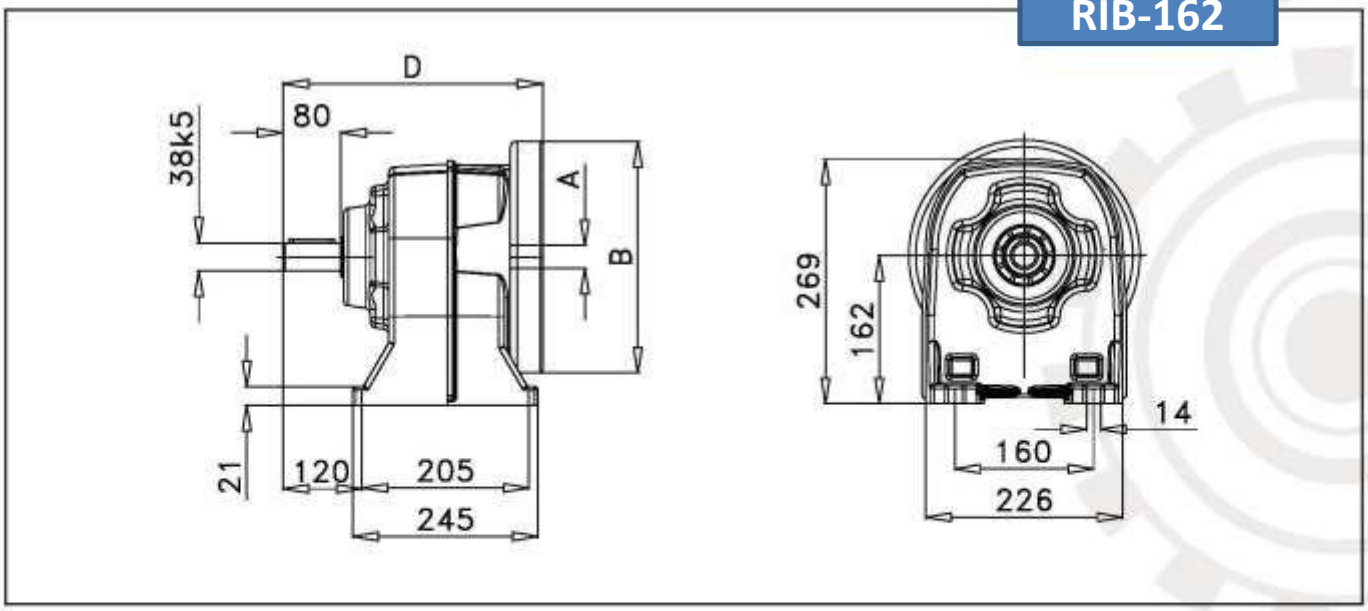


RIB-162

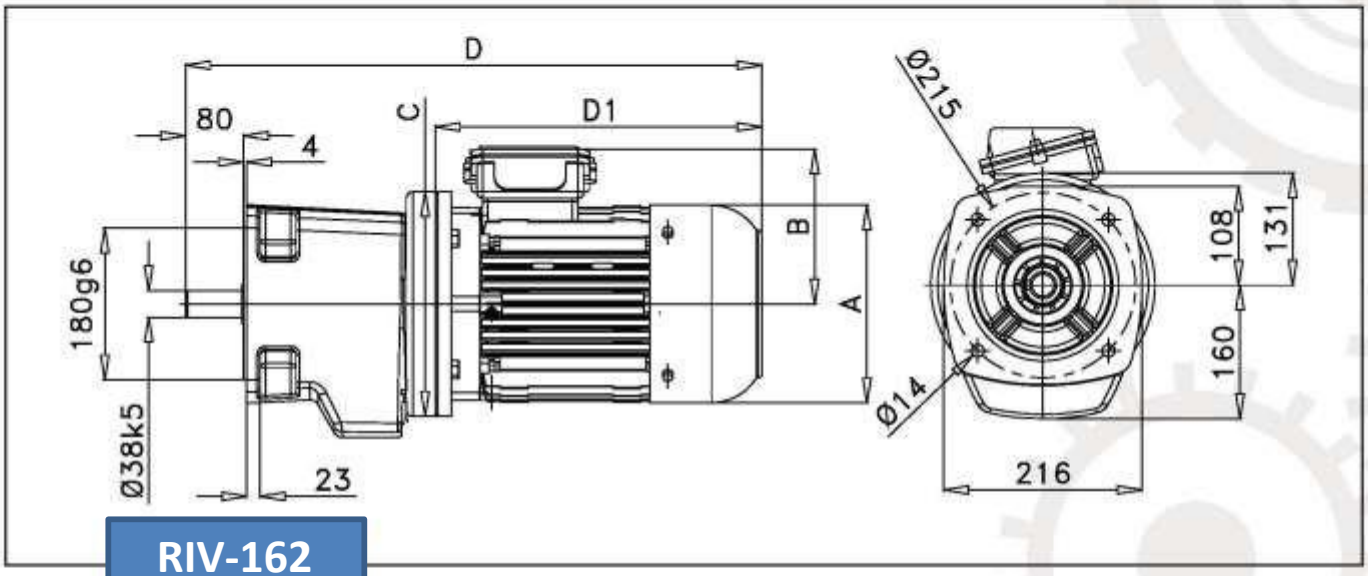
COMMON DIMENSIONS					
Frame Size	A	B	C	D	D1
162/80	156	124	200	574	236
162/90S	176	129	200	592	254
162/90L	176	129	200	617	279
162/100	194	138	250	650	309
162/112	218	152	250	669	328
162/132S	258	178	300	782	371
162/132M	258	178	300	820	409

COMMON DIMENSIONS			
Model	A	B	D
SIB-162	19	200	338
	24	200	338
	28	250	341
	38	300	411

RIB-162



GEOMETRICAL DIMENSIONS

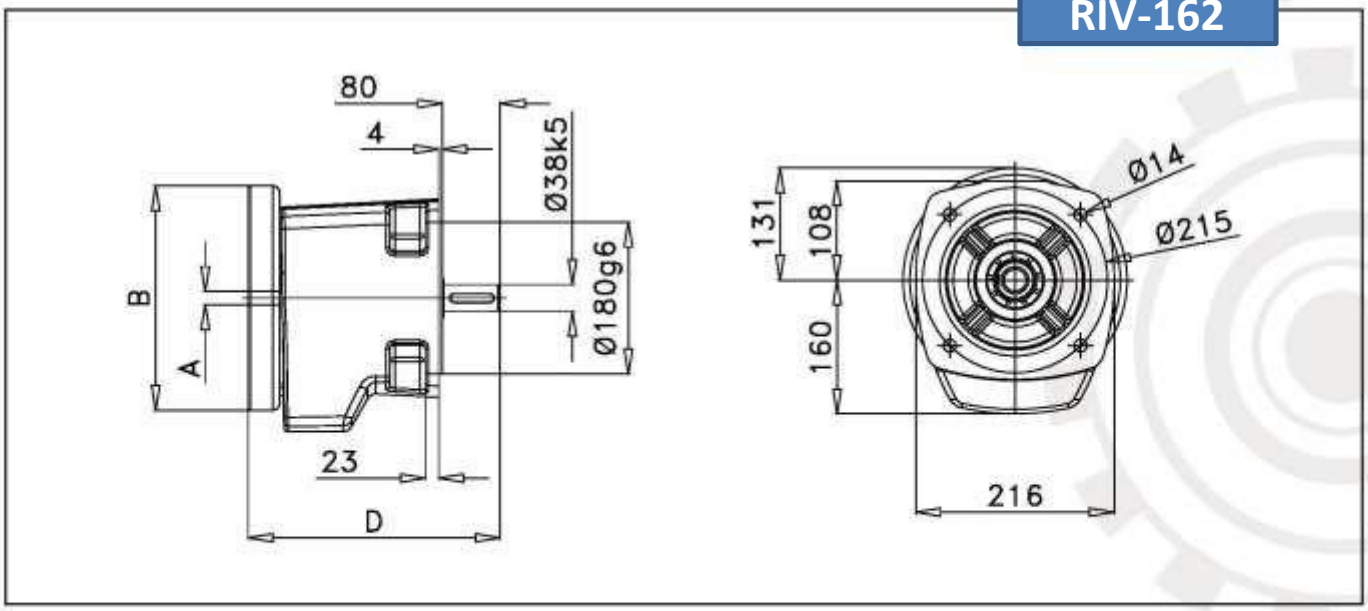


RIV-162

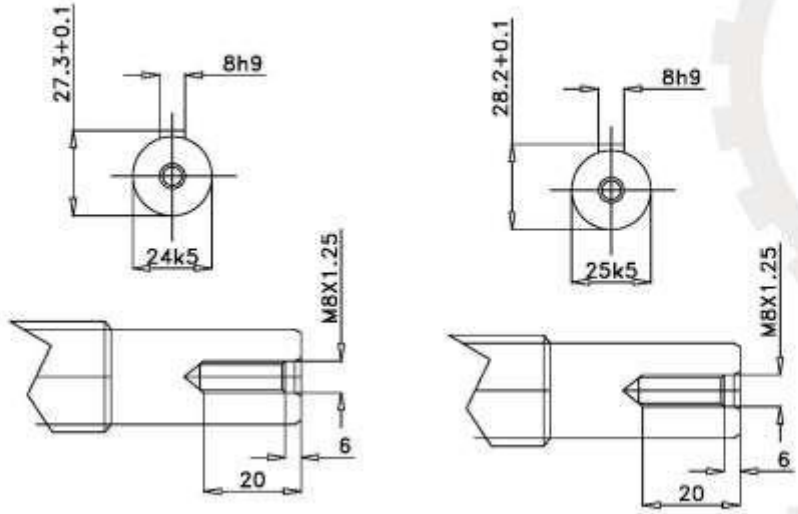
COMMON DIMENSIONS					
Frame Size	A	B	C	D	D1
162/80	156	124	200	574	236
162/90S	176	129	200	592	254
162/90L	176	129	200	617	279
162/100	194	138	250	650	309
162/112	218	152	250	669	328
162/132S	258	178	300	782	371
162/132M	258	178	300	820	409

COMMON DIMENSIONS			
Model	A	B	D
SIV-162	19	200	338
	24	200	338
	28	250	341
	38	300	411

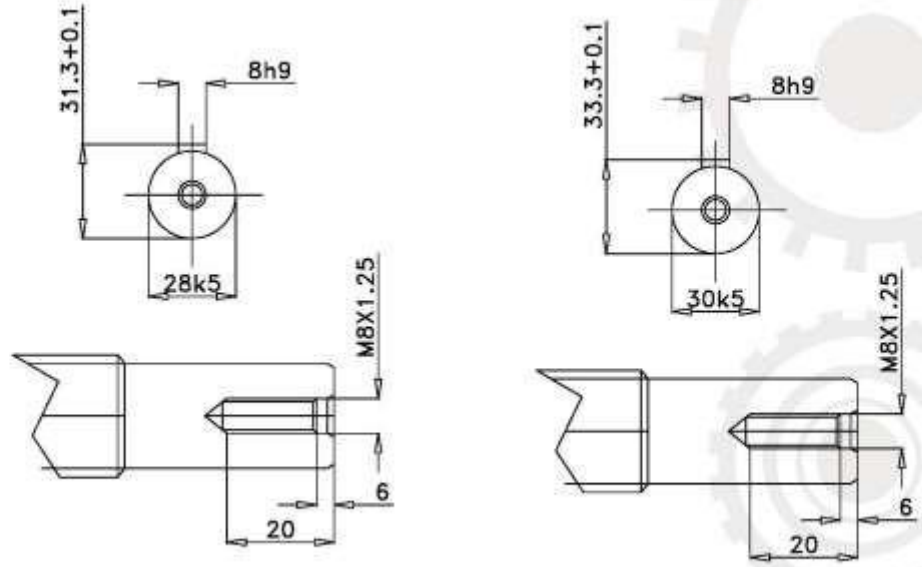
RIV-162



RI-128



RI-142



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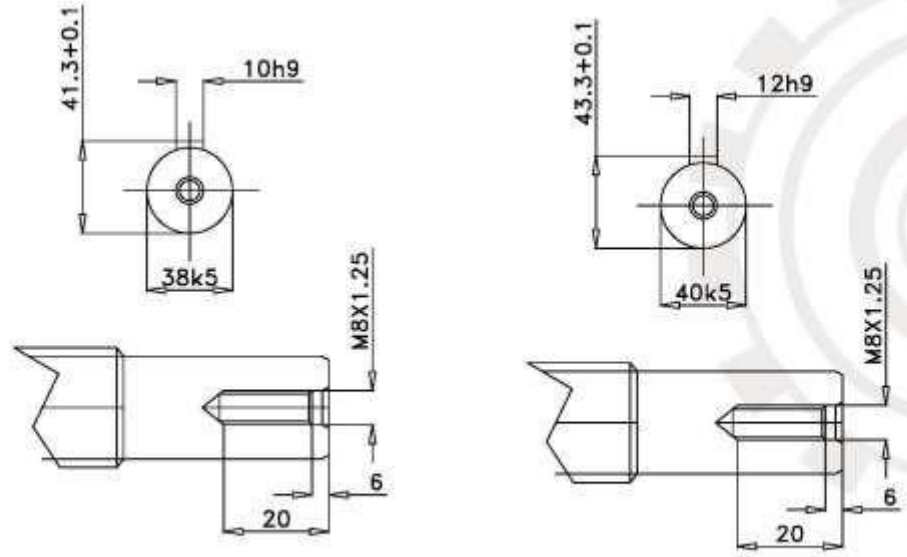


REDSKAP TRANSMISSION PVT.LTD

COMING SOON

REDSKAP

Series-RS

INLINE HELICAL WITH HEAVY LOAD

Model Range:- 8 Type
Mounting Range:- Horizontal Mounting / Vertical Mounting
Power Range :- 2 HP To 60 HP
Output Shaft- Ø40 , Ø50 , Ø60 , Ø70 , Ø80 , Ø90 , Ø100 , Ø110
RPM Range:- 300RPM – 3 RPM
Torque Range:- 400Nm – 10000Nm

REDSKAP TRANSMISSION with their Inline heavy Series Gearboxes (RS) makes hollow input and solid output/Solid input and solid output with a wide range of ratios for various sector. These inline gearboxes are similar mounting with PREMIUM , SANTI GEAR and PBL
We used casing body in GG20 grade , Gear material in 8620 / 20MnCr5 and shaft in EN material with toughen.

REDSKAP

Series-RM

INLINE HELICAL WITH HEAVY & FLEXI LOAD

Model Range:- 6 Type
Mounting Range:- Horizontal Mounting / Vertical Mounting
Power Range :- 1 HP To 40 HP
Output Shaft- Ø25 , Ø30 , Ø40 , Ø55 , Ø60 , Ø70
RPM Range:- 300RPM – 3 RPM
Torque Range:- 250Nm – 8000Nm

REDSKAP TRANSMISSION With their Inline heavy & Felxi Gearboxes (RM) makes hollow input and solid output/Solid input and solid output with a wide range of ratios for various sector. These inline gearboxes are similar mounting with PREMIUM , SEW , PBL
We used casing body in GG20 grade , Gear material in 8620 / 20MnCr5 and shaft in EN material with toughen.

REDSKAP

Series-RB

INLINE HELICAL WITH HEAVY & FLEXI LOAD

Model Range:- 5 Type
Mounting Range:- Horizontal Mounting / Vertical Mounting
Power Range :- 1 HP To 20 HP
Output Shaft- Ø25 , Ø30 , Ø35 , Ø40 , Ø50
RPM Range:- 300RPM – 3 RPM
Torque Range:- 200Nm – 6000Nm

REDSKAP TRANSMISSION With their Inline heavy Series Gearboxes (RB) makes hollow input and solid output/Solid input and solid output with a wide range of ratios for various sector. These inline gearboxes are similar mounting with PREMIUM , SEW , PBL , Bonfligloli
We used casing body in GG20 grade , Gear material in 8620 / 20MnCr5 and shaft in EN material with toughen.

REDSKAP

Series-RMS

INLINE HELICAL WITH HEAVY & SMART

Model Range:- 9 Type
Mounting Range:- Horizontal Mounting / Vertical Mounting
Power Range :- 1 HP To 100 HP
Output Shaft- Ø40 , Ø50 , Ø60 , Ø70 , Ø80 , Ø90 , Ø100, Ø110 , Ø120
RPM Range:- 300RPM – 3 RPM
Torque Range:- 300Nm – 18000Nm

REDSKAP TRANSMISSION With their Inline heavy & Smart Gearboxes (RMS) makes hollow input and solid output/Solid input and solid output with a wide range of ratios for various sector. These inline gearboxes are similar mounting with PREMIUM , SEW , PBL
We used casing body in GG20 grade , Gear material in 8620 / 20MnCr5 and shaft in EN material with toughen.

REDSKAP

Series-RP

PARALLEL HELICAL WITH HEAVY & SMART

Model Range:- 7 Type
Mounting Range:- Both side Flange Mounting
Power Range :- 1 HP To 45 HP
Output Hollow ID – Ø25 , Ø30 , Ø40 , Ø50 , Ø60 , Ø70 , Ø75
RPM Range:- 300RPM – 3 RPM
Torque Range:- 150Nm – 5500Nm

REDSKAP TRANSMISSION With their Parallel Gearboxes (RP) makes hollow input and Hollow output/Solid input and Hollow output with a wide range of ratios for various sector. These Parallel gearboxes are similar mounting with PREMIUM , SEW
We used casing body in GG20 grade , Gear material in 8620 / 20MnCr5 and shaft in EN material with toughen.

REDSKAP

Series-RK

HELI-BEVEL WITH HEAVY & SMART

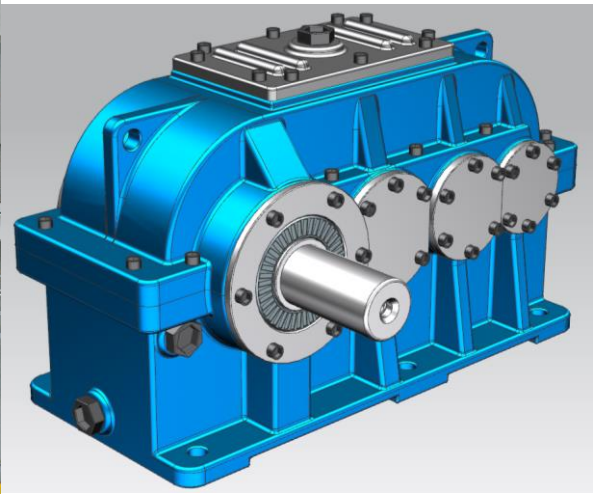
Model Range:- 6 Type
Mounting Range:- Both side Flange Mounting
Power Range :- 1 HP To 45 HP
Output Hollow ID – Ø30 , Ø40 , Ø50 , Ø60 , Ø70 , Ø90
RPM Range:- 300RPM – 3 RPM
Torque Range:- 250Nm – 12500Nm

REDSKAP TRANSMISSION With their Heli-Bevel Gearboxes (RK) makes hollow input and Hollow output/Solid input and Hollow output with a wide range of ratios for various sector. These Parallel gearboxes are similar mounting with PREMIUM , SEW
We used casing body in GG20 grade , Gear material in 8620 / 20MnCr5 and shaft in EN material with toughen.

REDSKAP

Series-RH

MULTI-STAGE HELICAL GEARBOX



Model Range:- 12 Type
Mounting Range:- Foot Mounting
Power Range :- 1 HP To 100 HP
Output Dia. – Ø30 , Ø40 , Ø50 , Ø60 , Ø70 , Ø90, Ø100, Ø110, Ø120, Ø130.
RPM Range:- 300RPM – 15RPM
Torque Range:- 250Nm – 15500Nm

REDSKAP TRANSMISSION With their multi-Stage Gearboxes (RH) makes Solid input and Solid output/Hollow input and Solid output with a wide range of ratios for various sector.
We used casing body in GG20 grade , Gear material in 8620 / 20MnCr5 and shaft in EN material with toughen.

GEAR BOX REPAIRS & OVERHAUL

REDSKAP also committed for repairing & overhauling of any make Gear Motor, Gear Box. Our team utilizes it's E&E, Experience & Expertise to retrofit & erect the Gear Box to it's demonstrated usage. This is enabling us to fulfill Customers repairs & refurbishing requirements.

After receipt of gearbox at REDSKAP we dismantle all the accessories like, motor, couplings, holdbacks etc. We check all the gears and shafts by NDT for no major cracks or defects that may cause to failure of the complete gearbox.

Gears are corrected with necessary grinding or lapping and then re-assembled precisely keeping Backlash & contact pattern of the tooth. Also repairs history is maintained in our records.

Finally we do No Load testing of the gear box and after satisfied result it is to be dispatched to the customer.

REDSKAP TRANSMISSION PVT.LTD

Plot No-92-1,Sector-5,AURIC City,
MIDC, SHENDRA,Chh.Sambhaji Nagar,
Maharashtra,431001
Cont-7875555547, 8552952100
Email-redskaptransmission19@gmail.com