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1. 技术特征

SKM、SKB系列斜齿–准双曲面齿轮减速器具有高度模块化的设计特点。可分别与普通IEC、制动、防爆、变频、伺服等电机组合。本产品广泛用于纺织、食品、陶瓷、包装、物流、塑料等传动领域。

1.1 产品特点

SKM、SKB系列齿轮减速器共有4种机型号，功率0.12～4KW，速比7.73～302.5，最大扭矩100～500Nm，模块化组合，可多种形式组合，满足各种传动条件的需求。

- 使用磨削硬齿面斜齿轮；
- 模块化，可组合多种结构形式；
- 优质铝合金铸造，重量轻，不生锈；
- 输出扭矩大，传动效率高，节能环保；
- SKM系列减速器安装尺寸与SMRV系列蜗轮蜗杆减速器完全兼容（SKM28与SMRV050部分尺寸不同）；
- SKB系列减速器安装尺寸与W系列蜗轮蜗杆减速器完全兼容；

1. TECHNICAL FEATURES

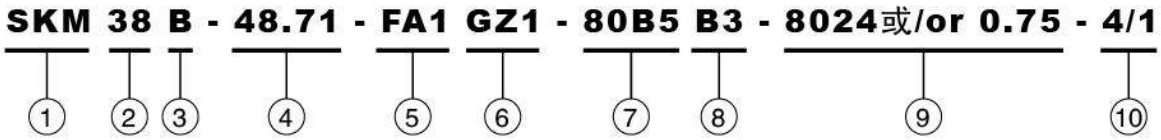
The high degree of modularity is a design feature of SKM、SKB series helical-hypoid gear units.It can be connected respectively with motors such as normal motor,brake motor,explosion-proof motor,frequency conversion motor,servo motor,IEC motor and so on.This kind of product is widely used in drive fields such as textile,foodstuff, ceramice packing,logistics,plastics and so on.

1.1 Products characteristics

SKM、SKB Series helical gear units has more than 4 types.Power 0.12～4KW;Ratio 7.73～302.5; Torque max 100～500Nm.Modulaw and multistructure can meet the demands of various conditions.

- Ground-hardened helical gears;
- Modularity,Can be combined in many forms;
- Made of high-quqlity aluminum alloy,light in weight and nonrusting;
- Large in output torque,high efficiency,ene-rgy saving and environmental protection;
- The mounting dimension of SKM series are compatible with SMRV series worm gear unit (A part of SMRV050 dimensions are different from SKM28);
- The mounting dimension of SKB series are compatible with W series worm gear unit;

3. 型号说明 / MODEL ILLUMINATE



No	说明	Comments
1	减速器系列代号：SKM、SKB	Code for gear units series ： SKM、SKB
2	减速器规格代号：28、38、48、58	Specification code of gear units:28、38、48、58
3	1).B：表示2级传动 2).C：表示3级传动	1).B: Means 2 stages 2).C：Means 3 stages
4	减速器速比i Speed ratio of reducer i	
5	1).无代号表示不带输出法兰 2).FA、FB、FC（1/2）：输出法兰代号和位置	1).No mark means without output flange 2).FA、FB、FC(1/2):output Flange and position
6	1).无代号表示孔输出 2).GZ（1/2）：单向输出轴和位置 3).AZ：双向输出轴	1).No mark means hole output 2).GZ(1/2):Single output shaft and position 3).AZ:Double output shaft
7	输入法兰规格代号（63B5、71B5、…）	Lnput flange code（63B5、71B5、……）
8	安装方位代号	Lnstallation position code
9	1).无代号表示不带电机 2).电机型号或功率、极数	1).No mark means without motor 2).Model motos (poles of power)
10	电机接线盒位置、默认位置1可以不写	Position diagram for motor terminal box default position 1 not to write out is ok

订单时请说明是否带电机，一般按不带电机供应。
When ordering, you should show whether the reducers are equipped with motors, otherwise reducers aren't supplied with motors.
示例 Example: SKM28B-48.86-FA1-63B5-6324

4. 选型相关参数

4.1 功率 P

$$P_1 = \frac{P_2}{\eta} \text{ [KW]}$$

$$P_{1n} \geqslant P_1 \cdot f_s \text{ [KW]}$$

P_1 输入功率
P_2 输出功率
P_{1n} 输入电机额定功率
f_s 使用系数
η 传动效率

4.2 转速 n

n_1 减速器输入转速
n_2 减速器输出转速

若是齿轮箱外部传动装置驱动，为了优化工作条件和提高使用寿命，建议使用1400r/min或更低转速。允许输入较高的输入转速，但在这种情况下，额定扭矩M2会下降。

4.3 传动比 i

$$i = \frac{n_1}{n_2}$$

传动比通常为小数，在选型表中保留两位小数。

4.4 扭矩 M

$$M_2 = \frac{9550 \cdot P_1 \cdot \eta}{n_2} \text{[Nm]}$$

$$M_{2n} \geqslant M_2 \cdot f_s \text{ [Nm]}$$

M_2 输出扭矩
M_{2n} 额定输出扭矩
P_1 输入功率
η 传动效率
f_s 使用系数

4. RELEVANT PARAMETER

4.1 Power P

$$P_1 = \frac{P_2}{\eta} \text{ [KW]}$$

$$P_{1n} \geqslant P_1 \cdot f_s \text{ [KW]}$$

P_1 Input power
P_2 Output power
P_{1n} Rated input motor power
f_s Service factor
η Transmission efficiency

4.2 Rotation speed n

n_1 Gear units input speed
n_2 Gear units output speed

If driven by the external gearing,1400r/min or lower rotation speed is suggested so as to optimize the working conditions and prolong the service life. Higher input rotation speed is permitted, but in this situation, the rated torque M_2 will be reduced.

4.3 Transmission ratio i

$$i = \frac{n_1}{n_2}$$

Usually transmission ratio is decimal fraction with 2 radix point tagged in selection tables.

4.4 Torque M

$$M_2 = \frac{9550 \cdot P_1 \cdot \eta}{n_2} \text{[Nm]}$$

$$M_{2n} \geqslant M_2 \cdot f_s \text{ [Nm]}$$

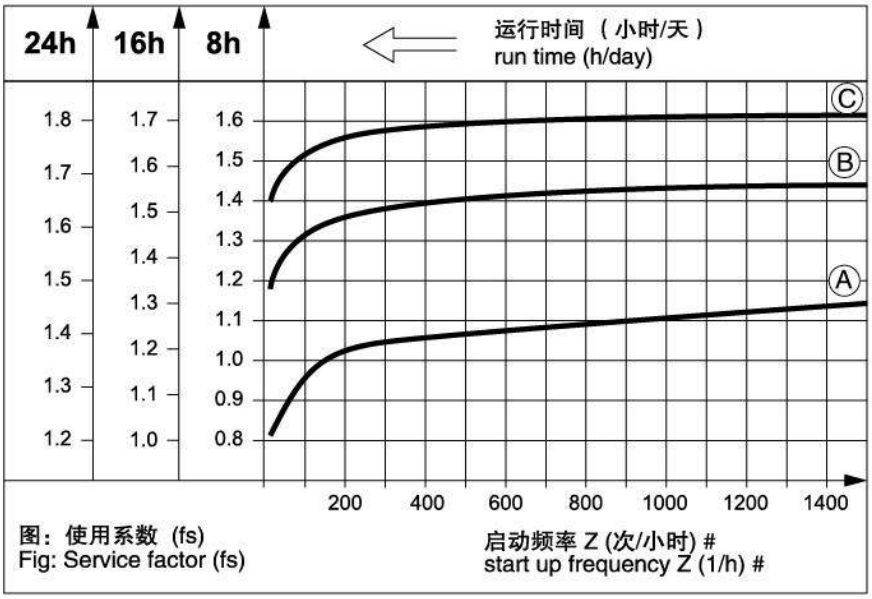
M_2 Output torque
M_{2n} Rated output torque
P_1 Input power
η Transmission efficiency
f_s Service factor

4.5 使用系数 fs

使用减速器时，应考虑一定的使用系数fs，它是根据每天的运转时间和启动频率Z确定的。根据惯性加速系数确定三种负载类型，在下图中可以读取实际应用的使用系数，按下图选取的使用系数必须小于或等于从性能参数表中提供的使用系数。

4.5 Service factor fs

The effect of the driven machine on the gear unit is taken into account to a sufficient level of accuracy using the service factor fs. The service factor is determined according to the daily operating time and the starting frequency Z. Three load classifications are considered depending on the mass acceleration factor. You can read off the service factor applicable to your application in following Figure. The service factor selected using this diagram must be less than or equal to the service factor as given in the performance parameter table.



图：使用系数 (fs)
Fig: Service factor (fs)

启动频率Z: 周期包括所有启动、制动的次数以及变速电机高低速变化时的次数。

Starting frequency Z: The cycles include all starting and braking procedures as well as change overs from low to high speed.

4.5.1 负载类型

Ⓐ 均匀冲击负载，允许惯性加速系数≤0.2

Ⓑ 中等冲击负载，允许惯性加速系数≤3

Ⓒ 重冲击负载，允许惯性加速系数≤10

负载类型见附录。

4.5.1 Load classifications

Ⓐ Uniformshock load, permitted mass accel eration factor ≤0.2

Ⓑ Moderate shock load, permitted mass acceleration factor ≤3

Ⓒ Heavy shock load, permitted mass accel eration factor ≤10

Load classifications see the addendum.

4.5.2 惯性加速系数

惯性加速系数计算如下：

$$fa = \frac{Jc}{Jm}$$

4.5.2 Mass acceleration factor

The mass acceleration factor is calculated as follows:

$$fa = \frac{Jc}{Jm}$$

fa 惯性加速系数
Jc 所有外部传动惯量 [kgm²]
Jm 驱动电机的传动惯量 [kgm²]

如果惯性加速系数 fa > 10，请与我们技术部联系。

为了保持减速器的使用寿命，从产品样本中的性能参数表所选择的使用系数fs应等于或略高于计算出的使用系数fs。

fa Mass acceleration factor
Jc All external mass moments of inertia [kgm²]
Jm Mass moment of inertia on the motor end [kgm²]

If mass acceleration factors fa>10, please call our Technical Service.

To keep the service–life of gear units, the use factor **fs** selected from the catalogue must lbe equal or slightly higher than the calculated use factor **fs**.

4.6 径向载荷 Fr

在确定影响径向载荷时，安装在轴端上的传动件类型必须考虑在内，不同类型的传动件对应不同传动附加系数f_z，列表如下:

4.6 Radial loads Fr

When determining. the resulting radial loads, the type of transmission elements, mounted on the shaft end must be considered. Various transmission elements are corresponding with following transmission element factors fz:

传动件 Transmission element	传动附加系数 Fz Transmission element factor Fz	注释 Comments
齿轮 Gears	1.00	≥ 17齿 teech
	1.15	< 17齿 teech
链轮 Chain sprockets	1.00	≥ 20齿 teech
	1.25	< 20齿 teech
	1.40	< 13齿 teech
V带轮 Narrow V–belt pulleys	1.75	有预紧力作用 Influence of the tensile force
平带轮 Flat belt pulleys	2.50	有预紧力作用 Influence of the tensile force
齿带轮 Toothed beld pulleys	2.50	有预紧力作用 Influence of the tensile force

作用在轴上的径向载荷按如下公式计算：

$$F_r = \frac{M \cdot 2000 \cdot f_z}{d_0} \text{ [N]}$$

F_r 作用在轴上的载荷 [N]
M 作用在轴上的扭矩 [Nm]
d_0 安装在轴上传动件的平均直径 [mm]
f_z 传动附加系数

当径向负荷不作用在轴中点时，按以下公式计算有效负荷:

$$F_{xL} \leq \frac{F_{r2} \cdot a}{(b+x)} \text{ [N]}$$

F_{r2} 依据下面表格给出中底脚安装式齿轮减速器的许可径向载荷(x = L/12) [N]
a, b 减速器径向转化换算常量 [mm]

The radial loads exerted on the motor or gear shaft is then calculated as follows:

$$F_r = \frac{M \cdot 2000 \cdot f_z}{d_0} \text{ [N]}$$

F_r Resulting radial load [N]
M Torque on the shaft [Nm]
d_0 Mean diameter of the mounted transmis sion element in [mm]
f_z Transmission element factor

The allowed radial load force on the shaft is calculated with the following formula:

$$F_{xL} \leq \frac{F_{r2} \cdot a}{(b+x)} \text{ [N]}$$

F_{r2} Permitted overhung load (x=L/2) for foot-mounted gear units according to the selection tables in [N]
a, b Gear unit constant for overhung load conversion [mm]

6. 速比与IEC接口 / RATIO AND IEC MOTOR ADAPTERS

SKM28..

	i	63B5	71B5 71B14	80B5 80B14	90B5 90B14
3级/Stage					
SKM28C	291.79				
SKM28C	244.29				
SKM28C	200.44				
SKM28C	146.67				
SKM28C	120.34				
SKM28C	101.04				
SKM28C	74.62				
SKM28C	62.36				
SKM28C	52.36				
2级/Stage					
SKM28B	58.36				
SKM28B	48.86				
SKM28B	40.09				
SKM28B	29.33				
SKM28B	24.07				
SKM28B	20.21				
SKM28B	14.92				
SKM28B	12.47				
SKM28B	10.47				
SKM28B	7.73				

SKM38..,SKB38..

	i	63B5	71B5 71B14	80B5 80B14	90B5 90B14
3级/Stage					
SKM38C	302.5				
SKM38C	243.57				
SKM38C	196.43				
SKM38C	151.56				
SKM38C	122.22				
SKM38C	101.27				
SKM38C	73.33				
SKM38C	63.33				
SKM38C	52.48				
2级/Stage					
SKM38B	60.5				
SKM38B	48.71				
SKM38B	39.29				
SKM38B	30.31				
SKM38B	24.44				
SKM38B	20.25				
SKM38B	14.67				
SKM38B	12.67				
SKM38B	10.5				
SKM38B	7.6				

SKM48..,SKB48..

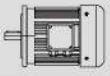
	i	63B5	71B5	80B5 80B14	90B5 90B14	100B5 100B14	112B5 112B14
3级/Stage							
SKM48C	297.21						
SKM48C	240.89						
SKM48C	200.66						
SKM48C	151.2						
SKM48C	125.95						
SKM48C	99.22						
SKM48C	75.45						
SKM48C	62.43						
SKM48C	49.18						
2级/Stage							
SKM48B	59.44						
SKM48B	48.18						
SKM48B	40.13						
SKM48B	30.24						
SKM48B	25.19						
SKM48B	19.84						
SKM48B	15.09						
SKM48B	12.49						
SKM48B	9.84						
SKM48B	7.48						

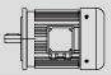
SKM58..,SKB58..

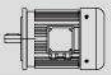
	i	63B5	71B5	80B5 80B14	90B5 90B14	100B5 100B14	112B5 112B14
3级/Stage							
SKM58C	295.18						
SKM58C	240.89						
SKM58C	200.66						
SKM58C	151.2						
SKM58C	125.95						
SKM58C	99.22						
SKM58C	75.45						
SKM58C	62.43						
SKM58C	49.18						
2级/Stage							
SKM58B	59.04						
SKM58B	48.18						
SKM58B	40.13						
SKM58B	30.24						
SKM58B	25.19						
SKM58B	19.84						
SKM58B	15.09						
SKM58B	12.49						
SKM58B	9.84						
SKM58B	7.48						

7. 减速器选型表 / GEAR UNIT SELECTION TABLES

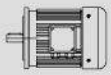
7.1 SKM.../SKB...(IEC).. 性能参数 / Performance parameter

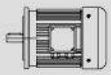
P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.12	5.7	184	244.29	0.7	**SKM28C**	**63B5**	**6314**	**23**
	7	151	200.44	0.9				
	9.5	110	146.67	1.2				
	11.6	91	120.34	1.4				
	13.9	76	101.04	1.7				
	18.8	56	74.62	2.3				
	22.5	47	62.36	2.6				
	26.7	39	52.36	2.8				
	24	45	58.36	2.4	**SKM28B**	**63B5**	**6314**	**22**
	28.7	38	48.86	3.5				
	35	31	40.09	4.2				
	48	23	29.33	5.8				
	58	18.5	24.07	7				
	69	15.6	20.21	8.4				
	94	11.5	14.92	11.3				
	112	9.6	12.47	13.5				
	134	8.1	10.47	16.1				
	181	5.9	7.73	16.8				
	5.7	183	243.57	1.1	**SKM38C**	**63B5**	**6314**	**25**
	7.1	148	196.43	1.4	**SKB38C**	**63B5**	**6314**	**31**
	9.2	114	151.56	1.8				
	11.5	92	122.22	2.2				
	13.8	76	101.27	2.6				
	19.1	55	73.33	2.9				
	22.1	48	63.33	2.9				
	26.7	40	52.48	3				
	23.1	47	60.5	3.7	**SKM38B**	**63B5**	**6314**	**24**
	28.7	37	48.71	5.3	**SKB38B**	**63B5**	**6314**	**30**
	36	30	39.29	6.6				
	46	23	30.31	8.6				
	4.7	224	297.21	1.6	**SKM48C**	**63B5**	**6314**	**27**
	5.8	181	240.89	1.9	**SKB48C**	**63B5**	**6314**	**33**
	7	151	200.66	2.3				
	9.3	114	151.2	3.1				
	11.1	95	125.95	3.7				
	4.7	222	295.18	2.1	**SKM58C**	**63B5**	**6314**	**29**
	5.8	181	240.89	2.8	**SKB58C**	**63B5**	**6314**	**35**
	7	151	200.66	3.3				
	9	114	151.2	4.4				
0.18	9.6	165	291.79	0.7	**SKM28C**	**63B5**	**6312**	**23**
	11.5	138	244.29	0.9				
	14	113	200.44	1.1				
	19.1	83	146.67	1.6				
	23.3	68	120.34	1.9				
	27.7	57	101.04	2.3				
	38	42	74.62	3.1				
	45	35	62.36	3.4				
	53	30	52.36	3.7				
	48	34	58.36	3.3	**SKM28B**	**63B5**	**6312**	**22**
	57	28	48.86	4.6				
	70	23	40.09	5.6				
	95	16.9	29.33	7.7				
	116	13.9	24.07	9.4				

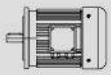
P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.18	11.6	136	120.34	1	**SKM28C**	**63B5**	**6324**	**23**
	13.9	114	101.04	1.1				
	18.8	84	74.62	1.5				
	22.5	70	62.36	1.7				
	26.7	59	52.36	1.9				
	24	67	58.36	1.6	**SKM28B**	**63B5**	**6324**	**22**
	28.7	56	48.86	2.3				
	35	46	40.09	2.8				
	48	34	29.33	3.8				
	58	28	24.07	4.7				
	69	23	20.21	5.6				
	94	17.2	14.92	7.5				
	112	14.4	12.47	9				
	134	12.1	10.47	10.8				
	181	8.9	7.73	11.2				
	12.1	131	74.62	1	**SKM28C**	**71B5/B14**	**7116**	**23**
	14.4	110	62.36	1.1				
	17.2	92	52.36	1.2				
	15.4	105	58.36	1	**SKM28B**	**71B5/B14**	**7116**	**22**
	18.4	88	48.86	1.5				
	22.4	72	40.09	1.8				
	31	53	29.33	2.5				
	37	43	24.07	3				
	45	36	20.21	3.6				
	60	27	14.92	4.9				
	72	22	12.47	5.8				
	9.3	171	302.5	1	**SKM38C**	**63B5**	**6312**	**25**
	11.5	138	243.57	1.5	**SKB38C**	**63B5**	**6312**	**31**
	14.3	111	196.43	1.8				
	18.5	86	151.56	2.3				
	22.9	69	122.22	2.9				
	27.6	57	101.27	3.5				
	38	41	73.33	3.9				
	44	36	63.33	3.9				
	53	30	52.48	4				
	7.1	222	196.43	0.9	**SKM38C**	**63B5**	**6324**	**25**
	9.2	171	151.56	1.2	**SKB38C**	**63B5**	**6324**	**31**
	11.5	138	122.22	1.4				
	13.8	114	101.27	1.7				
	19.1	83	73.33	1.9				
	22.1	72	63.33	2				
	26.7	59	52.48	2				
	23.1	70	60.5	2.4	**SKM38B**	**63B5**	**6324**	**24**
	28.7	56	48.71	3.6	**SKB38B**	**63B5**	**6324**	**30**
	36	45	39.29	4.4				
	7.4	215	122.22	0.9	**SKM38C**	**71B5/B14**	**7116**	**25**
	8.9	178	101.27	1.1	**SKB38C**	**71B5/B14**	**7116**	**31**
	12.3	129	73.33	1.2				
	14.2	111	63.33	1.3				
	17.1	92	52.48	1.3				
	14.9	109	60.5	1.6	**SKM38B**	**71B5/B14**	**7116**	**24**
	18.5	87	48.71	2.3	**SKB38B**	**71B5/B14**	**7116**	**30**
	22.9	71	39.29	2.8				
	29.7	54	30.31	3.7				
	9.4	168	297.21	2.1	**SKM48B**	**63B5**	**6312**	**26**
	11.6	136	240.89	2.6	**SKB48C**	**63B5**	**6312**	**33**
	14	113	200.66	3.1				
	18.5	85	151.2	4.1				

P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.18	4.7	336	297.21	1	**SKM48C**	**63B5**	**6324**	**27**
	5.8	272	240.89	1.3	**SKB48C**	**63B5**	**6324**	**33**
	7	227	200.66	1.5				
	9.3	171	151.2	2				
	11.1	142	125.95	2.5				
	14.1	112	99.22	3.1				
	18.6	85	75.45	4.1				
	4.5	353	200.66	1	**SKM48C**	**71B5**	**7116**	**27**
	6	266	151.2	1.3	**SKB48C**	**71B5**	**7116**	**33**
	7.1	221	125.95	1.6				
	9.1	174	99.22	2				
	11.9	133	75.45	2.6				
	14.4	110	62.43	3.2				
	18.3	86	49.18	4.1				
	15.1	107	59.44	3.3	**SKM48B**	**71B5**	**7116**	**26**
	18.7	87	48.16	4	**SKB48B**	**71B5**	**7116**	**32**
	9.5	167	295.18	2.8	**SKM58C**	**63B5**	**6312**	**29**
	11.6	136	240.89	3.7	**SKB58C**	**63B5**	**6312**	**35**
	4.7	333	295.18	1.4	**SKM58C**	**63B5**	**6324**	**29**
	5.8	272	240.89	1.8	**SKB58C**	**63B5**	**6324**	**35**
	7	227	200.66	2.2				
	9.3	171	151.2	2.9				
	11.1	142	125.95	3.5				
	3.7	423	240.89	1.2	**SKM58C**	**71B5**	**7116**	**29**
	4.5	353	200.66	1.4	**SKB58C**	**71B5**	**7116**	**35**
	6	266	151.2	1.9				
	7.1	221	125.95	2.3				
	9.1	174	99.22	2.9				
	11.9	133	75.45	3.8				
	14.4	110	62.43	4.1				
0.25	19.1	115	146.67	1.1	**SKM28C**	**63B5**	**6322**	**23**
	23.3	94	120.34	1.4				
	27.7	79	101.04	1.6				
	38	59	74.62	2.2				
	45	49	62.36	2.5				
	53	41	52.36	2.7				
	48	47	58.36	2.4	**SKM28B**	**63B5**	**6322**	**22**
	57	39	48.86	3.3				
	70	32	40.09	4				
	18.8	117	74.62	1.1	**SKM28C**	**71B5/B14**	**7114**	**23**
	22.5	98	62.36	1.2				
	26.7	82	52.36	1.3				
	24	94	58.36	1.2	**SKM28B**	**71B5/B14**	**7114**	**22**
	28.7	78	48.86	1.7				
	35	64	40.09	2				
	48	47	29.33	2.8				
	58	39	24.07	3.4				
	69	32	20.21	4				
	94	24	14.92	5.4				
	18.4	122	48.86	1.1	**SKM28B**	**71B5/B14**	**7126**	**22**
	22.4	100	40.09	1.3				
	31	73	29.33	1.8				
	37	60	24.07	2.2				
	45	50	20.21	2.6				
	60	37	14.92	3.5				
	72	31	12.47	4.2				
	86	26	10.47	5				
	116	19	7.73	5.2				

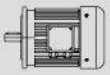
P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.25	11.5	191	243.57	1	**SKM38C**	**63B5**	**6322**	**25**
	14.3	154	196.43	1.3	**SKB38C**	**63B5**	**6322**	**31**
	18.5	119	151.56	1.7				
	22.9	96	122.22	2.1				
	27.6	79	101.27	2.5				
	38	58	73.33	2.8				
	44	50	63.33	2.8				
	53	41	52.48	2.9				
	11.5	192	122.22	1	**SKM38C**	**71B5/B14**	**7114**	**25**
	13.8	159	101.27	1.3	**SKB38C**	**71B5/B14**	**7114**	**31**
	19.1	115	73.33	1.4				
	22.1	99	63.33	1.4				
	26.7	82	52.48	1.5				
	23.1	97	60.5	1.8	**SKM38C**	**71B5/B14**	**7126**	**25**
	28.7	78	48.71	2.6	**SKB38C**	**71B5/B14**	**7126**	**31**
	36	63	39.29	3.2				
	46	49	30.31	4.1				
	12.3	179	73.33	0.9	**SKM38C**	**71B5/B14**	**7126**	**25**
	14.2	155	63.33	0.9	**SKB38C**	**71B5/B14**	**7126**	**31**
	17.1	128	52.48	0.9				
	14.9	151	60.5	1.1	**SKM38B**	**71B5/B14**	**7126**	**24**
	18.5	121	48.71	1.6	**SKB38B**	**71B5/B14**	**7126**	**30**
	22.9	98	39.29	2				
	29.7	76	30.31	2.6				
	37	61	24.44	3.3				
	44	50	20.25	4				
	9.4	233	297.21	1.5	**SKM48C**	**63B5**	**6322**	**27**
	11.6	189	240.89	1.9	**SKB48C**	**63B5**	**6322**	**33**
	14	157	200.66	2.2				
	18.5	119	151.2	3				
	22.2	99	125.95	3.5				
	5.8	378	240.89	0.9	**SKM48C**	**71B5**	**7114**	**27**
	7	315	200.66	1.1	**SKB48C**	**71B5**	**7114**	**33**
	9.3	237	151.2	1.5				
	11.1	198	125.95	1.8				
	14.1	156	99.22	2.2				
	18.6	118	75.45	3				
	22.4	98	62.43	3.6				
	6	369	151.2	0.9	**SKM48C**	**71B5**	**7126**	**27**
	7.1	307	125.95	1.1	**SKB48C**	**71B5**	**7126**	**33**
	9.1	242	99.22	1.4				
	11.9	184	75.45	1.9				
	14.4	152	62.43	2.3				
	18.3	120	49.18	2.9				
	15.1	148	59.44	2.4	**SKM48B**	**71B5**	**7126**	**26**
	18.7	120	48.18	2.9	**SKB48B**	**71B5**	**7126**	**32**
	22.4	100	40.13	3.5				
	9.5	232	295.18	2	**SKM58C**	**63B5**	**6322**	**29**
	11.6	189	240.89	2.6	**SKB58C**	**63B5**	**6322**	**35**
	14	157	200.66	3.2				
	18.5	119	151.2	4.2				
	4.7	463	295.18	1	**SKM58C**	**71B5**	**7114**	**29**
	5.8	378	240.89	1.3	**SKB58C**	**71B5**	**7114**	**35**
	7	315	200.66	1.6				
	9.3	237	151.2	2.1				
	11.1	198	125.95	2.5				
	14.1	156	99.22	3.2				
	18.6	118	75.45	4.2				

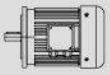
P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.25	4.5	490	200.66	1	**SKM58C**	**71B5**	**7126**	**29**
	6	369	151.2	1.4	**SKB58C**	**71B5**	**7126**	**35**
	7.1	307	125.95	1.6				
	9.1	242	99.22	2.1				
	11.9	184	75.45	2.7				
	14.4	152	62.43	3				
	18.3	120	49.18	2.9				
	15.2	147	59.04	3.1	**SKM58B**	**71B5**	**7126**	**28**
	18.7	120	48.18	4.2	**SKB58B**	**71B5**	**7126**	**34**
0.37	23.3	140	120.34	0.9	**SKM28C**	**71B5/B14**	**7112**	**23**
	27.7	117	101.04	1.1				
	38	87	74.62	1.5				
	45	72	62.36	1.7				
	53	61	52.36	1.8				
	48	69	58.36	1.6	**SKM28B**	**71B5/B14**	**7112**	**22**
	57	58	48.86	2.2				
	70	48	40.09	2.7				
	95	35	29.33	3.7				
	28.7	116	48.86	1.1	**SKM28B**	**71B5/B14**	**7124**	**22**
	35	95	40.09	1.4				
	48	70	29.33	1.9				
	58	57	24.07	2.3				
	69	48	20.21	2.7				
	94	35	14.92	3.7				
	112	30	12.47	4.4				
	134	25	10.47	5.2				
	181	18	7.73	5.5				
	31	108	29.33	1.2	**SKM28B**	**80B5/B14**	**8016**	**22**
	37	89	24.07	1.5				
	45	75	20.21	1.7				
	60	55	14.92	2.4				
	72	46	12.47	2.8				
	86	39	10.47	3.4				
	116	29	7.73	3.5				
	14.3	228	196.43	0.9	**SKM38C**	**71B5/B14**	**7112**	**25**
	18.5	176	151.56	1.1	**SKB38C**	**71B5/B14**	**7112**	**31**
	22.9	142	122.22	1.4				
	27.6	118	101.27	1.7				
	38	85	73.33	1.9				
	44	74	63.33	1.9				
	53	61	52.48	2				
	46	72	60.5	2.4	**SKM38B**	**71B5/B14**	**7112**	**24**
	57	58	48.71	3.5	**SKB38B**	**71B5/B14**	**7112**	**30**
	71	47	39.29	4.3				
	13.8	235	101.27	0.9	**SKM38C**	**71B5/B14**	**7124**	**25**
	19.1	170	73.33	0.9	**SKB38C**	**71B5/B14**	**7124**	**31**
	22.1	147	63.33	1				
	26.7	122	52.48	1				
	23.1	144	60.5	1.2	**SKM38B**	**71B5/B14**	**7124**	**24**
	28.7	116	48.71	1.7	**SKB38B**	**71B5/B14**	**7124**	**30**
	36	93	39.29	2.1				
	46	72	30.31	2.8				
	57	58	24.44	3.4				
	69	48	20.25	4.2				
	18.5	180	48.71	1.1	**SKM38B**	**80B5/B14**	**8016**	**24**
	22.9	145	39.29	1.4	**SKB38B**	**80B5/B14**	**8016**	**30**
	29.7	112	30.31	1.8				

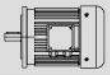
P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.37	37	90	24.44	2.2	**SKM58B**	**80B5/B14**	**8016**	**28**
	44	75	20.25	2.7	**SKB58B**	**80B5/B14**	**8016**	**34**
	61	54	14.67	3.5				
	71	47	12.67	3.5				
	86	39	10.5	3.5				
	118	28	7.6	3.6				
	9.4	345	297.21	1	**SKM48C**	**71B5**	**7112**	**27**
	11.6	280	240.89	1.3	**SKM48C**	**71B5**	**7112**	**33**
	14	233	200.66	1.5				
	18.5	176	151.2	2				
	22.2	146	125.95	2.4				
	28.2	115	99.22	3				
	37	88	75.45	4				
	9.3	351	151.2	1	**SKM48C**	**71B5**	**7124**	**27**
	11.1	292	125.95	1.2	**SKB48C**	**71B5**	**7124**	**33**
	14.1	230	99.22	1.5				
	18.6	175	75.45	2				
	22.4	145	62.43	2.4				
	28.5	114	49.18	3.1				
	23.6	141	59.44	2.5	**SKM48B**	**71B5**	**7124**	**26**
	29.1	114	48.18	3.1	**SKB48B**	**71B5**	**7124**	**32**
	35	95	40.13	3.7				
	9.1	358	99.22	1	**SKM48C**	**80B5/B14**	**8016**	**27**
	11.9	273	75.45	1.3	**SKB48C**	**80B5/B14**	**8016**	**33**
	14.4	225	62.43	1.6				
	18.3	178	49.18	2				
	15.1	219	59.44	1.6	**SKM48B**	**80B5/B14**	**8016**	**26**
	18.7	178	48.18	2	**SKB48B**	**80B5/B14**	**8016**	**32**
	22.4	148	40.13	2.4				
	29.8	112	30.24	3.1				
	36	93	25.19	3.8				
	9.5	343	295.18	1.3	**SKM58C**	**71B5**	**7112**	**29**
	11.6	280	240.89	1.8	**SKB58C**	**71B5**	**7112**	**35**
	14	233	200.66	2.1				
	18.5	176	151.2	2.8				
	22.2	146	125.95	3.4				
	5.8	559	240.89	0.9	**SKM58C**	**71B5**	**7124**	**29**
	7	466	200.66	1.1	**SKB58C**	**71B5**	**7124**	**35**
	9.3	351	151.2	1.4				
	11.1	292	125.95	1.7				
	14.1	230	99.22	2.2				
	18.6	175	75.45	2.9				
	22.4	145	62.43	3.1				
	28.5	114	49.18	3.1				
	23.7	140	59.04	3.3	**SKM58B**	**71B5**	**7124**	**28**
	29.1	114	48.18	4.4	**SKB58B**	**71B5**	**7124**	**34**
	6	546	151.2	0.9	**SKM58C**	**80B5/B14**	**8016**	**29**
	7.1	455	125.95	1.1	**SKB58C**	**80B5/B14**	**8016**	**35**
	9.1	358	99.22	1.4				
	11.9	273	75.45	1.8				
	14.4	225	62.43	2				
	18.3	178	49.18	2				
	15.2	218	59.04	2.1	**SKM58C**	**80B5/B14**	**8016**	**29**
	18.7	178	48.18	2.8	**SKB58C**	**80B5/B14**	**8016**	**35**
	22.4	148	40.13	3.4				
0.55	38	129	74.62	1	**SKM28C**	**71B5/B14**	**7122**	**23**
	45	108	62.36	1.1				
	53	90	52.36	1.2				

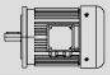
P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.55	48	103	58.36	1.1	**SKM28B**	**71B5/B14**	**7122**	**22**
	57	86	48.86	1.5				
	70	71	40.09	1.8				
	95	52	29.33	2.5				
	116	42	24.07	3.1				
	139	36	20.21	3.6				
	35	141	40.09	0.9	**SKM28B**	**80B5/B14**	**8014**	**22**
	48	103	29.33	1.3				
	58	85	24.07	1.5				
	69	71	20.21	1.8				
	94	53	14.92	2.5				
	112	44	12.47	3				
	134	37	10.47	3.5				
	181	27	7.73	3.7				
	37	132	24.07	1	**SKM28B**	**80B5/B14**	**8026**	**22**
	45	111	20.21	1.2				
	60	82	14.92	1.6				
	72	68	12.47	1.9				
	86	57	10.47	2.3				
	116	42	7.73	2.4				
	22.9	211	122.22	0.9	**SKM38C**	**71B5/B14**	**7122**	**25**
	27.6	175	101.27	1.1	**SKB38C**	**71B5/B14**	**7122**	**31**
	38	127	73.33	1.3				
	44	109	63.33	1.3				
	53	91	52.48	1.3				
	46	107	60.5	1.6	**SKM38B**	**71B5/B14**	**7122**	**24**
	57	86	48.71	2.3	**SKB38B**	**71B5/B14**	**7122**	**30**
	71	69	39.29	2.9				
	92	53	30.31	3.7				
	28.7	172	48.71	1.2	**SKM38B**	**80B5/B14**	**8014**	**24**
	36	139	39.29	1.4	**SKB38B**	**80B5/B14**	**8014**	**30**
	46	107	30.31	1.9				
	57	86	24.44	2.3				
	69	71	20.25	2.8				
	95	52	14.67	3.7				
	110	45	12.67	3.7				
	133	37	10.5	3.6				
	184	27	7.6	3.7				
	22.9	216	39.29	0.9	**SKM38B**	**80B5/B14**	**8026**	**24**
	29.7	166	30.31	1.2	**SKB38B**	**80B5/B14**	**8026**	**30**
	37	134	24.44	1.5				
	44	111	20.25	1.8				
	61	80	14.67	2.4				
	71	70	12.67	2.4				
	86	58	10.5	2.3				
	118	42	7.6	2.4				
	14	346	200.66	1	**SKM48C**	**71B5**	**7122**	**27**
	18.5	261	151.2	1.3	**SKB48C**	**71B5**	**7122**	**33**
	22.2	217	125.95	1.6				
	28.2	171	99.22	2				
	37	130	75.45	2.7				
	45	108	62.43	3.2				
	57	85	49.18	4.1				
	47	105	59.44	3.3	**SKM48B**	**71B5**	**7122**	**26**
	58	85	48.18	4.1	**SKB48B**	**71B5**	**7122**	**32**
	14.1	342	99.22	1	**SKM48C**	**80B5/B14**	**8014**	**27**
	18.6	260	75.45	1.3	**SKB48C**	**80B5/B14**	**8014**	**33**

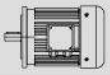
P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.55	22.4	215	62.43	1.6	**SKM48C**	**80B5/B14**	**8014**	**27**
	28.5	170	49.18	2.1	**SKB48C**	**80B5/B14**	**8014**	**33**
	23.6	210	59.44	1.7	**SKM48B**	**80B5/B14**	**8014**	**26**
	29.1	170	48.18	2.1	**SKB48B**	**80B5/B14**	**8014**	**32**
	35	142	40.13	2.5				
	46	107	30.24	3.3				
	56	89	25.19	3.9				
	14.4	335	62.43	1	**SKM48C**	**80B5/B14**	**8026**	**27**
	18.3	264	49.18	1.3	**SKB48C**	**80B5/B14**	**8026**	**33**
	15.1	326	59.44	1.1	**SKM48B**	**80B5/B14**	**8026**	**26**
	18.7	264	48.18	1.3	**SKB48B**	**80B5/B14**	**8026**	**32**
	22.4	220	40.13	1.6				
	29.8	166	30.24	2.1				
	36	138	25.19	2.5				
	45	109	19.84	3.2				
	60	83	15.09	4.2				
	9.5	509	295.18	0.9	**SKM58C**	**71B5**	**7122**	**29**
	11.6	416	240.89	1.2	**SKB58C**	**71B5**	**7122**	**35**
	14	346	200.66	1.4				
	18.5	261	151.2	1.9				
	22.2	217	125.95	2.3				
	28.2	171	99.22	2.9				
	37	130	75.45	3.8				
	45	108	62.43	4.2				
	57	85	49.18	4.1				
	9.3	522	151.2	1	**SKM58C**	**80B5/B14**	**8014**	**29**
	11.1	435	125.95	1.2	**SKB58C**	**80B5/B14**	**8014**	**35**
	14.1	342	99.22	1.5				
	18.6	260	75.45	1.9				
	22.4	215	62.43	2.1				
	28.5	170	49.18	2.1				
	23.7	208	59.04	2.2	**SKM58B**	**80B5/B14**	**8014**	**28**
	29.1	170	48.18	2.9	**SKB58B**	**80B5/B14**	**8014**	**34**
	35	142	40.13	3.5				
	9.1	533	99.22	0.9	**SKM58C**	**80B5/B14**	**8026**	**29**
	11.9	405	75.45	1.2	**SKB58C**	**80B5/B14**	**8026**	**35**
	14.4	335	62.43	1.3				
	18.3	264	49.18	1.3				
	15.2	324	59.04	1.4	**SKM58B**	**80B5/B14**	**8026**	**28**
	18.7	264	48.18	1.9	**SKB58B**	**80B5/B14**	**8026**	**34**
	22.4	220	40.13	2.3				
	29.8	166	30.24	3				
	36	138	25.19	3.6				
0.75	57	117	48.86	1.1	**SKM28B**	**80B5/B14**	**8012**	**22**
	70	96	40.09	1.3				
	95	71	29.33	1.8				
	116	58	24.07	2.2				
	139	49	20.21	2.7				
	188	36	14.92	3.6				
	48	141	29.33	0.9	**SKM28B**	**80B5/B14**	**8024**	**22**
	58	116	24.07	1.1				
	69	97	20.21	1.3				
	94	72	14.92	1.8				
	112	60	12.47	2.2				
	134	50	10.47	2.6				
	181	37	7.73	2.7				

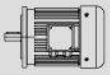
P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.75	60	112	14.92	1.2	**SKM28B**	**90B5/B14**	**90S6**	**22**
	72	93	12.47	1.4				
	86	78	10.47	1.7				
	116	58	7.73	1.7				
	38	173	73.33	0.9	**SKM38C**	**80B5/B14**	**8012**	**25**
	44	149	63.33	0.9	**SKB38C**	**80B5/B14**	**8012**	**31**
	53	124	52.48	1				
	46	145	60.5	1.2	**SKM38B**	**80B5/B14**	**8012**	**24**
	57	117	48.71	1.7	**SKB38B**	**80B5/B14**	**8012**	**30**
	71	94	39.29	2.1				
	92	73	30.31	2.7				
	115	59	24.44	3.4				
	138	49	20.25	4.1				
	28.7	234	48.71	0.9	**SKM38B**	**80B5/B14**	**8024**	**24**
	36	189	39.29	1.1	**SKB38B**	**80B5/B14**	**8024**	**30**
	46	146	30.31	1.4				
	57	118	24.44	1.7				
	69	97	20.25	2.1				
	95	71	14.67	2.7				
	110	61	12.67	2.7				
	133	50	10.5	2.7				
	184	37	7.6	2.7				
	37	183	24.44	1.1	**SKM48C**	**90B5/B14**	**90S6**	**27**
	44	151	20.25	1.3	**SKB48C**	**90B5/B14**	**90S6**	**33**
	61	110	14.67	1.7				
	71	95	12.67	1.7				
	86	79	10.5	1.7				
	118	57	7.6	1.8				
	18.5	356	151.2	1	**SKM48C**	**80B5/B14**	**8012**	**27**
	22.2	296	125.95	1.2	**SKB48C**	**80B5/B14**	**8012**	**33**
	28.2	234	99.22	1.5				
	37	178	75.45	2				
	45	147	62.43	2.4				
	57	116	49.18	3				
	47	143	59.44	2.4	**SKM48B**	**80B5/B14**	**8012**	**26**
	58	116	48.18	3	**SKB48B**	**80B5/B14**	**8012**	**32**
	70	96	40.13	3.6				
	18.6	355	75.45	1	**SKM48C**	**80B5/B14**	**8024**	**27**
	22.4	294	62.43	1.2	**SKB48C**	**80B5/B14**	**8024**	**33**
	28.5	231	49.18	1.5				
	23.6	286	59.44	1.2	**SKM48B**	**80B5/B14**	**8024**	**26**
	29.1	232	48.18	1.5	**SKB48B**	**80B5/B14**	**8024**	**32**
	35	193	40.13	1.8				
	46	145	30.24	2.4				
	56	121	25.19	2.9				
	71	95	19.84	3.7				
	18.7	360	48.18	1	**SKM48B**	**90B5/B14**	**90S6**	**26**
	22.4	300	40.13	1.2	**SKB48B**	**90B5/B14**	**90S6**	**32**
	29.8	226	30.24	1.5				
	36	188	25.19	1.9				
	45	148	19.84	2.4				
	60	113	15.09	3.1				
	72	93	12.49	3.7				
	11.6	567	240.89	0.9	**SKM58C**	**80B5/B14**	**8012**	**29**
	14	472	200.66	1.1	**SKB58C**	**80B5/B14**	**8012**	**35**
	18.5	356	151.2	1.4				
	22.2	296	125.95	1.7				

P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
0.75	28.2	234	99.22	2.1	**SKM58C**	**80B5/B14**	**8012**	**29**
	37	178	75.45	2.8	**SKB58C**	**80B5/B14**	**8012**	**35**
	45	147	62.43	3.1				
	57	116	49.18	3				
	14.1	467	99.22	1.1	**SKM58C**	**80B5/B14**	**8024**	**29**
	18.6	355	75.45	1.4	**SKB58C**	**80B5/B14**	**8024**	**35**
	22.4	294	62.43	1.5				
	28.5	231	49.18	1.5				
	23.7	284	59.04	1.6	**SKM58B**	**80B5/B14**	**8024**	**28**
	29.1	232	48.18	2.2	**SKB58B**	**80B5/B14**	**8024**	**34**
	35	193	40.13	2.6				
	46	145	30.24	3.4				
	56	121	25.19	4.1				
	11.9	552	75.45	0.9	**SKM58C**	**90B5/B14**	**90S6**	**29**
	14.4	457	62.43	1	**SKB58C**	**90B5/B14**	**90S6**	**35**
	18.3	360	49.18	1				
	15.2	442	59.04	1	**SKM58B**	**90B5/B14**	**90S6**	**28**
	18.7	360	48.18	1.4	**SKB58B**	**90B5/B14**	**90S6**	**34**
	22.4	300	40.13	1.7				
	29.8	226	30.24	2.2				
	36	188	25.19	2.7				
	45	148	19.84	3.4				
	60	113	15.09	4.4				
1.1	70	141	40.09	0.9	**SKM28B**	**80B5/B14**	**8022**	**22**
	95	103	29.33	1.3				
	116	85	24.07	1.5				
	139	71	20.21	1.8				
	188	53	14.92	2.5				
	225	44	12.47	3				
	267	37	10.47	3.5				
	362	27	7.73	3.7				
	69	143	20.21	0.9	**SKM28B**	**90B5/B14**	**90S4**	**22**
	94	105	14.92	1.2				
	112	88	12.47	1.5				
	134	74	10.47	1.8				
	181	55	7.73	1.8				
	72	137	12.47	1	**SKM28B**	**90B5/B14**	**90L6**	**22**
	86	115	10.47	1.1				
	116	85	7.73	1.2				
	57	172	48.71	1.2	**SKM38B**	**80B5/B14**	**8022**	**24**
	71	139	39.29	1.4	**SKB38B**	**80B5/B14**	**8022**	**30**
	92	107	30.31	1.9				
	115	86	24.44	2.3				
	138	71	20.25	2.8				
	191	52	14.67	3.7				
	221	45	12.67	3.7				
	267	37	10.5	3.6				
	368	27	7.6	3.7				
	46	214	30.31	0.9	**SKM38B**	**90B5/B14**	**90S4**	**24**
	57	172	24.44	1.2	**SKB38B**	**90B5/B14**	**90S4**	**30**
	69	143	20.25	1.4				
	95	103	14.67	1.8				
	110	89	12.67	1.8				
	133	74	10.5	1.8				
	184	54	7.6	1.9				
	44	222	20.25	0.9	**SKM38B**	**90B5/B14**	**90L6**	**24**
	61	161	14.67	1.2	**SKB38B**	**90B5/B14**	**90L6**	**30**

P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
1.1	71	139	12.67	1.2	**SKM38B**	**90B5/B14**	**90LS**	**24**
	86	115	10.5	1.2	**SKB38B**	**90B5/B14**	**90LS**	**30**
	118	83	7.6	1.2				
	28.2	342	99.22	1	**SKM48C**	**80B5/B14**	**8022**	**27**
	37	260	75.45	1.3	**SKB48C**	**80B5/B14**	**8022**	**33**
	45	215	62.43	1.6				
	57	170	49.18	2.1				
	47	210	59.44	1.7	**SKM48B**	**80B5/B14**	**8022**	**26**
	58	170	48.18	2.1	**SKB48B**	**80B5/B14**	**8022**	**32**
	70	142	40.13	2.5				
	93	107	30.24	3.3				
	111	89	25.19	3.9				
	29.1	340	48.18	1	**SKM48B**	**90B5/B14**	**90L6**	**26**
	35	283	40.13	1.2	**SKB48B**	**90B5/B14**	**90L6**	**32**
	46	213	30.24	1.6				
	56	178	25.19	2				
	71	140	19.84	2.5				
	93	106	15.09	3.3				
	112	88	12.49	4				
	29.8	332	30.24	1.1	**SKM48B**	**90B5/B14**	**90L6**	**26**
	36	276	25.19	1.3	**SKB48B**	**90B5/B14**	**90L6**	**32**
	45	218	19.84	1.6				
	60	166	15.09	2.1				
	72	137	12.49	2.6				
	91	108	9.84	3.2				
	120	82	7.48	3.4				
	18.5	522	151.2	1	**SKM58C**	**80B5/B14**	**8022**	**29**
	22.2	435	125.95	1.2	**SKB58C**	**80B5/B14**	**8022**	**35**
	28.2	342	99.22	1.5				
	37	260	75.45	1.9				
	45	215	62.43	2.1				
	57	170	49.18	2.1				
	47	208	59.04	2.2	**SKM58B**	**80B5/B14**	**8022**	**28**
	58	170	48.18	2.9	**SKB58B**	**80B5/B14**	**8022**	**34**
	70	142	40.13	3.5				
	18.6	521	75.45	1	**SKM58C**	**90B5/B14**	**90S4**	**29**
	22.4	431	62.43	1	**SKB58C**	**90B5/B14**	**90S4**	**35**
	28.5	340	49.18	1				
	23.7	416	59.04	1.1	**SKM58B**	**90B5/B14**	**90S4**	**28**
	29.1	340	48.18	1.5	**SKB58B**	**90B5/B14**	**90S4**	**34**
	35	283	40.13	1.8				
	46	213	30.24	2.3				
	56	178	25.19	2.8				
	71	140	19.84	3.6				
	18.7	529	48.18	0.9	**SKM58B**	**90B5/B14**	**90L6**	**28**
	22.4	440	40.13	1.1	**SKB58B**	**90B5/B14**	**90L6**	**34**
	29.8	332	30.24	1.5				
	36	276	25.19	1.8				
	45	218	19.84	2.3				
	60	166	15.09	3				
	72	137	12.49	3.4				
	91	108	9.84	3.3				
	120	82	7.48	3.4				
1.5	116	116	24.07	1.1	**SKM28B**	**90B5/B14**	**90S2**	**22**
	139	97	20.21	1.3				
	188	72	14.92	1.8				
	225	60	12.47	2.2				

P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
1.5	267	50	10.47	2.6	**SKM28B**	**90B5/B14**	**90S2**	**22**
	362	37	7.73	2.7				
	94	144	14.92	0.9	**SKM28B**	**90B5/B14**	**90L4**	**22**
	112	120	12.47	1.1				
	134	101	10.47	1.3				
	181	74	7.73	1.3				
	57	234	48.71	0.9	**SKM38B**	**90B5/B14**	**90S2**	**24**
	71	189	39.29	1.1	**SKB38B**	**90B5/B14**	**90S2**	**30**
	92	146	30.31	1.4				
	115	118	24.44	1.7				
	138	97	20.25	2.1				
	191	71	14.67	2.7				
	221	61	12.67	2.7				
	267	50	10.5	2.7				
	368	37	7.6	2.7				
	57	235	24.44	0.9	**SKM38B**	**90B5/B14**	**90L4**	**24**
	69	195	20.25	1	**SKB38B**	**90B5/B14**	**90L4**	**30**
	95	141	14.67	1.3				
	110	122	12.67	1.4				
	133	101	10.5	1.3				
	184	73	7.6	1.4				
	37	355	75.45	1	**SKM48C**	**90B5/B14**	**90S2**	**27**
	45	294	62.43	1.2	**SKB48C**	**90B5/B14**	**90S2**	**33**
	57	231	49.18	1.5				
	47	286	59.44	1.2	**SKM48B**	**90B5/B14**	**90S2**	**26**
	58	232	48.18	1.5	**SKB48B**	**90B5/B14**	**90S2**	**32**
	70	193	40.13	1.8				
	93	145	30.24	2.4				
	111	121	25.19	2.9				
	141	95	19.84	3.7				
	35	386	40.13	0.9	**SKM48B**	**90B5/B14**	**90L4**	**26**
	46	291	30.24	1.2	**SKB48B**	**90B5/B14**	**90L4**	**32**
	56	242	25.19	1.4				
	71	191	19.84	1.8				
	93	145	15.09	2.4				
	112	120	12.49	2.9				
	142	95	9.84	3.7				
	187	72	7.48	3.9				
	28.2	467	99.22	1.1	**SKM58C**	**90B5/B14**	**90S2**	**29**
	37	355	75.45	1.4	**SKB58C**	**90B5/B14**	**90S2**	**35**
	45	294	62.43	1.5				
	57	231	49.18	1.5				
	47	284	59.04	1.6	**SKM58B**	**90B5/B14**	**90S2**	**28**
	58	232	48.18	2.2	**SKB58B**	**90B5/B14**	**90S2**	**34**
	70	193	40.13	2.6				
	93	145	30.24	3.4				
	111	121	25.19	4.1				
	29.1	463	48.18	1.1	**SKM58B**	**90B5/B14**	**90L4**	**28**
	35	386	40.13	1.3	**SKB58B**	**90B5/B14**	**90L4**	**34**
	46	291	30.24	1.7				
	56	242	25.19	2.1				
	71	191	19.84	2.6				
	93	145	15.09	3.4				
	112	120	12.49	3.8				
	142	95	9.84	3.8				
	187	72	7.48	3.9				

P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
2.2	139	143	20.21	0.9	**SKM28B**	**90B5/B14**	**90L2**	**22**
	188	105	14.92	1.2				
	225	88	12.47	1.5				
	267	74	10.47	1.8				
	362	55	7.73	1.8				
	92	214	30.31	0.9	**SKM38B**	**90B5/B14**	**90L2**	**24**
	115	172	24.44	1.2	**SKB38B**	**90B5/B14**	**90L2**	**30**
	138	143	20.25	1.4				
	191	103	14.67	1.8				
	221	89	12.67	1.8				
	267	74	10.5	1.8				
	368	54	7.6	1.9				
	58	340	48.18	1	**SKM48B**	**90B5/B14**	**90L2**	**26**
	70	283	40.13	1.2	**SKB48B**	**90B5/B14**	**90L2**	**32**
	93	213	30.24	1.6				
	111	178	25.19	2				
	141	140	19.84	2.5				
	186	106	15.09	3.3				
	224	88	12.49	4				
	56	355	25.19	1	**SKM48B**	**100B5/B14**	**100LA4**	**26**
	71	280	19.84	1.3	**SKB48B**	**100B5/B14**	**100LA4**	**32**
	93	213	15.09	1.6				
	112	176	12.49	2				
	142	139	9.84	2.5				
	187	106	7.48	2.7				
	60	331	15.09	1.1	**SKM48B**	**112B5/B14**	**112M6**	**26**
	72	274	12.49	1.3	**SKB48B**	**112B5/B14**	**112M6**	**32**
	91	216	9.84	1.6				
	120	164	7.48	1.7				
	37	521	75.45	1	**SKM58C**	**90B5/B14**	**90L2**	**29**
	45	431	62.43	1	**SKB58C**	**90B5/B14**	**90L2**	**35**
	57	340	49.18	1				
	47	416	59.04	1.1	**SKM58B**	**90B5/B14**	**90L2**	**28**
	58	340	48.18	1.5	**SKB58B**	**90B5/B14**	**90L2**	**34**
	70	283	40.13	1.8				
	93	213	30.24	2.3				
	111	178	25.19	2.8				
	141	140	19.84	3.6				
	35	566	40.13	0.9	**SKM58B**	**100B5/B14**	**100L2**	**28**
	46	427	30.24	1.2	**SKB58B**	**100B5/B14**	**100L2**	**34**
	56	355	25.19	1.4				
	71	280	19.84	1.8				
	93	213	15.09	2.3				
	112	176	12.49	2.6				
	142	139	9.84	2.6				
	187	106	7.48	2.7				
	36	553	25.19	0.9	**SKM58B**	**100B5/B14**	**100LA4**	**28**
	45	435	19.84	1.1	**SKB58B**	**100B5/B14**	**100LA4**	**34**
	60	331	15.09	1.5				
	72	274	12.49	1.7				
	91	216	9.84	1.7				
	120	164	7.48	1.7				
3	70	386	40.13	0.9	**SKM48B**	**100B5/B14**	**100L2**	**26**
	93	291	30.24	1.2	**SKB48B**	**100B5/B14**	**100L2**	**32**
	111	242	25.19	1.4				
	141	191	19.84	1.8				

P_{1n} [KW]	n_2 [r/min]	M_{2n} [Nm]	i	fs				Page
3	186	145	15.09	2.4	**SKM48B**	**100B5/B14**	**100L2**	**26**
	224	120	12.49	2.9	**SKB48B**	**100B5/B14**	**100L2**	**32**
	285	95	9.84	3.7				
	374	72	7.48	3.9				
	93	290	15.09	1.2	**SKM48B**	**100B5/B14**	**100LB4**	**26**
	112	240	12.49	1.5	**SKB48B**	**100B5/B14**	**100LB4**	**32**
	142	189	9.84	1.8				
	187	144	7.48	1.9				
	47	568	59.04	0.8	**SKM58B**	**100B5/B14**	**100L2**	**28**
	58	463	48.18	1.1	**SKB58B**	**100B5/B14**	**100L2**	**34**
	70	386	40.13	1.3				
	93	291	30.24	1.7				
	111	242	25.19	2.1				
	141	191	19.84	2.6				
	186	145	15.09	3.4				
	224	120	12.49	3.8				
	285	95	9.84	3.8				
	374	72	7.48	3.9				
	56	485	25.19	1	**SKM58B**	**100B5/B14**	**100LB4**	**28**
	71	382	19.84	1.3	**SKB58B**	**100B5/B14**	**100LB4**	**34**
	93	290	15.09	1.7				
	112	240	12.49	1.9				
	142	189	9.84	1.9				
	187	144	7.48	1.9				
4	111	323	25.19	1.1	**SKM48B**	**112B5/B14**	**112LB4**	**26**
	141	254	19.84	1.4	**SKB48B**	**112B5/B14**	**112LB4**	**32**
	186	194	15.09	1.8				
	224	160	12.49	2.2				
	285	126	9.84	2.8				
	374	96	7.48	2.9				
	112	320	12.49	1.1	**SKM48B**	**112B5/B14**	**112M4**	**26**
	142	252	9.84	1.4	**SKB48B**	**112B5/B14**	**112M4**	**32**
	187	192	7.48	1.5				
	70	515	40.13	1	**SKM58B**	**112B5/B14**	**112M2**	**28**
	93	388	30.24	1.3	**SKB58B**	**112B5/B14**	**112M2**	**34**
	111	323	25.19	1.5				
	141	254	19.84	2				
	186	194	15.09	2.6				
	224	160	12.49	2.9				
	285	126	9.84	2.9				
	374	96	7.48	2.9				
	71	509	19.84	1	**SKM58B**	**112B5/B14**	**112M4**	**28**
	93	387	15.09	1.3	**SKB58B**	**112B5/B14**	**112M4**	**34**
	112	320	12.49	1.4				
	142	252	9.84	1.4				
	187	192	7.48	1.5				

SKM28B..(IEC)

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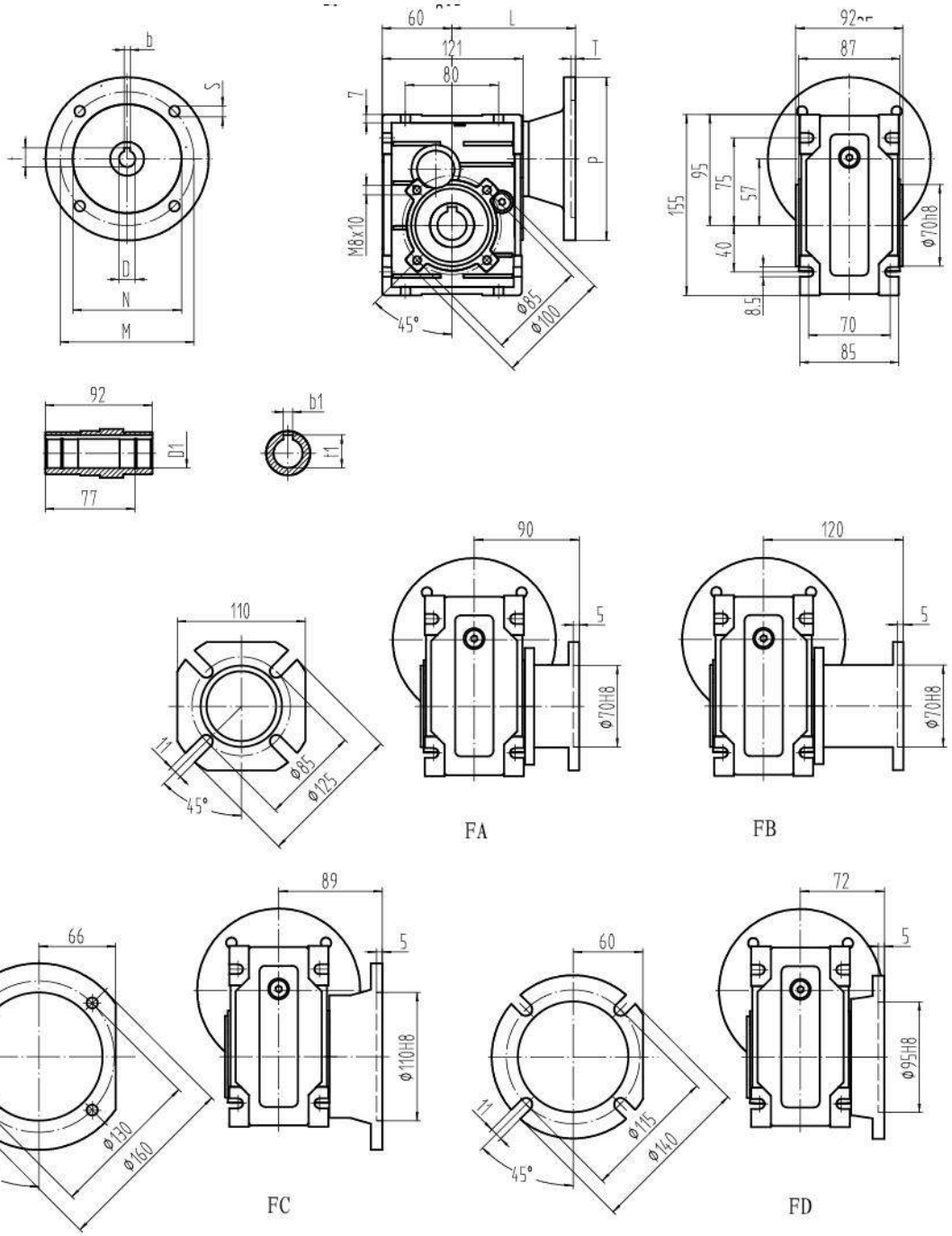

IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	106
71B5	14	5	16.3	160	130	110	9	4	113
71B14	14	5	16.3	105	85	70	7	4	113
80B5	19	6	21.8	200	165	130	11	4	133
80B14	19	6	21.8	120	100	80	7	4	133
90B14	24	8	27.3	140	115	95	9	4	133

$D1_{H8}$	b1	t1
20*	6*	22.8*
24*	8*	27.3*
25	8	28.3

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*Only on request

SKM28C..(IEC)

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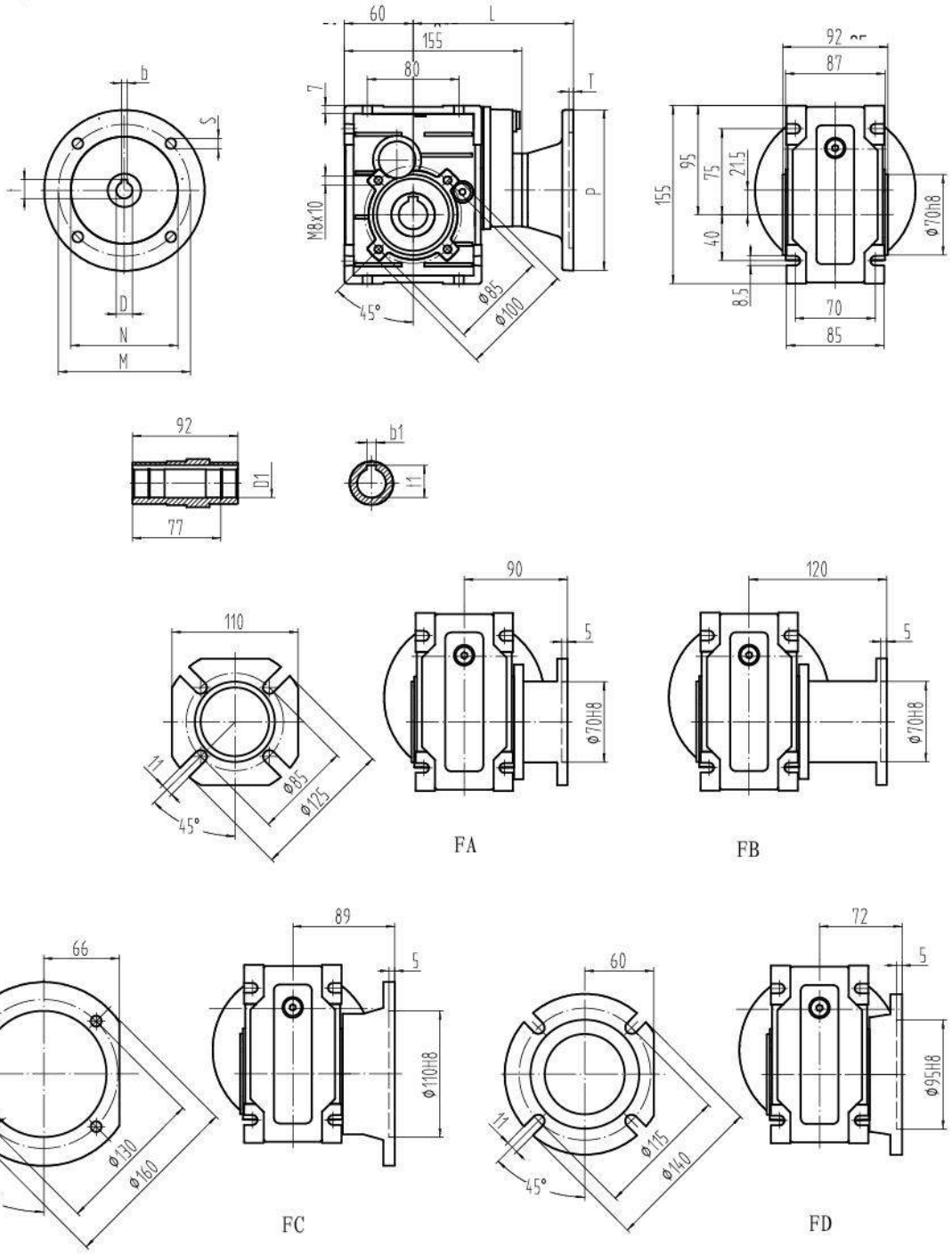

IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	140
71B5	14	5	16.3	160	130	110	9	4	147
71B14	14	5	16.3	105	85	70	7	4	147
80B5	19	6	21.8	200	165	130	11	4	167
80B14	19	6	21.8	120	100	80	7	4	167
90B14	24	8	27.3	140	115	95	9	4	167

$D1_{H8}$	b1	t1
20*	6*	22.8*
24*	8*	27.3*
25	8	28.3

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*Only on request

SKM38B..(IEC)

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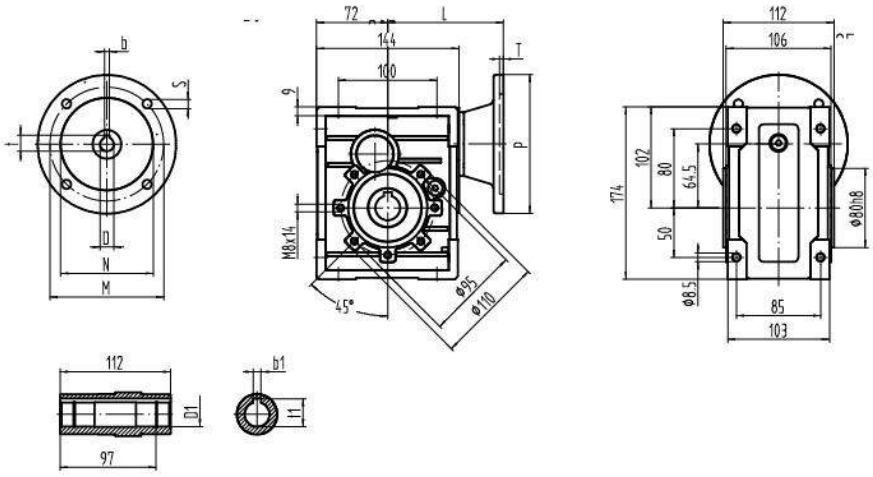

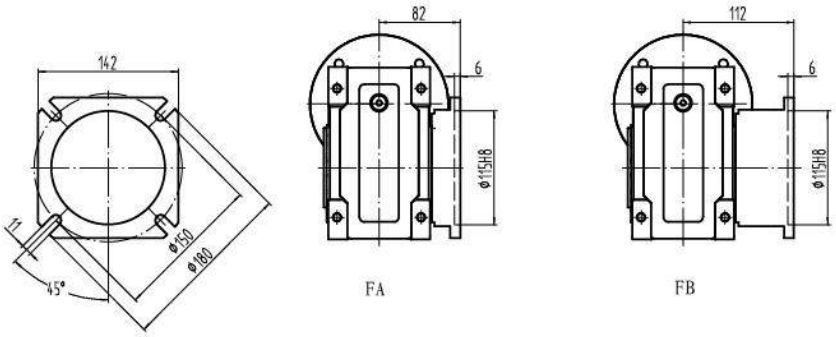

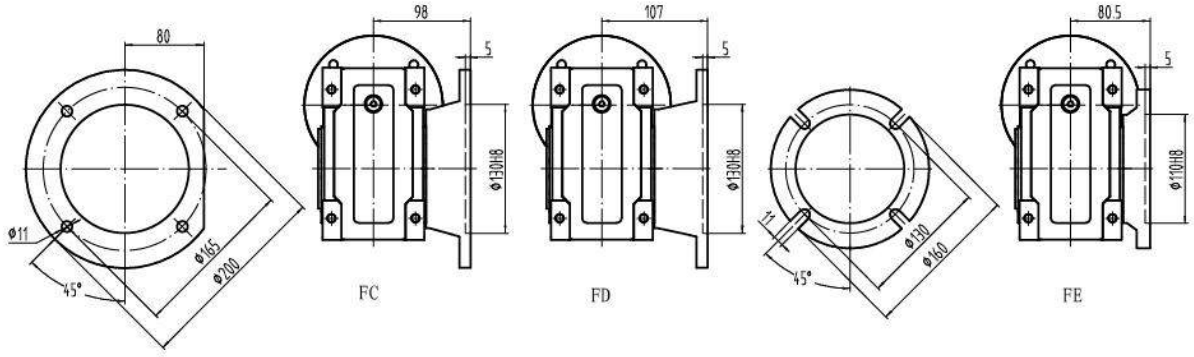

IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	117
71B5	14	5	16.3	160	130	110	9	4	124
71B14	14	5	16.3	105	85	70	7	4	124
80B5	19	6	21.8	200	165	130	11	4	144
80B14	19	6	21.8	120	100	80	7	4	144
90B5	24	8	27.3	200	165	130	11	4	144
90B14	24	8	27.3	140	115	95	9	4	144

$D1_{H8}$	b1	t1
25	8	28.3
28*	8*	31.3*
30*	8*	33.3*

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SKM38C..(IEC)

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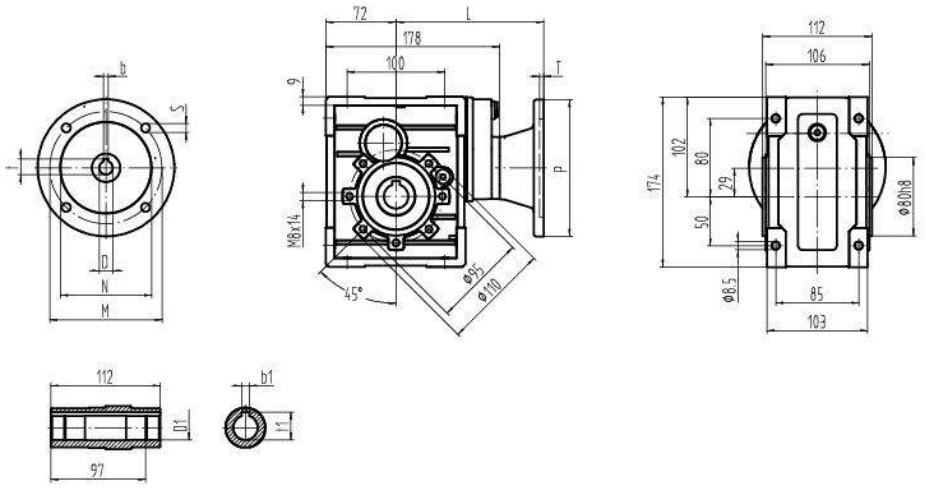

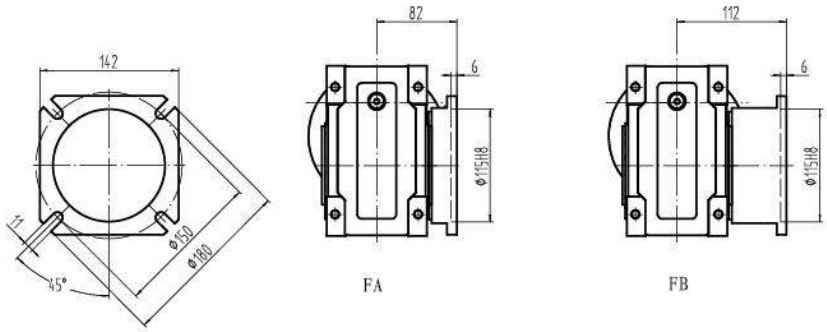

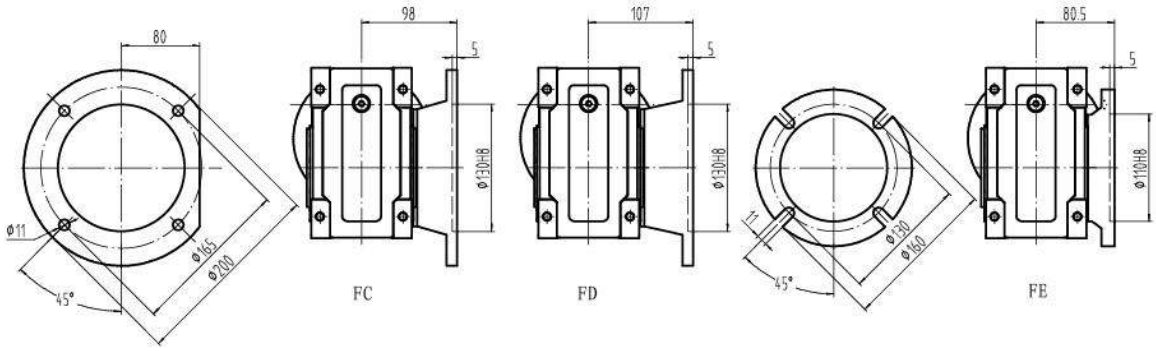

IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	151
71B5	14	5	16.3	160	130	110	9	4	158
71B14	14	5	16.3	105	85	70	7	4	158
80B5	19	6	21.8	200	165	130	11	4	178
80B14	19	6	21.8	120	100	80	7	4	178
90B5	24	8	27.3	200	165	130	11	4	178
90B14	24	8	27.3	140	115	95	9	4	178

$D1_{H8}$	b1	t1
25	8	28.3
28*	8*	31.3*
30*	8*	33.3*

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SKM48B..(IEC)

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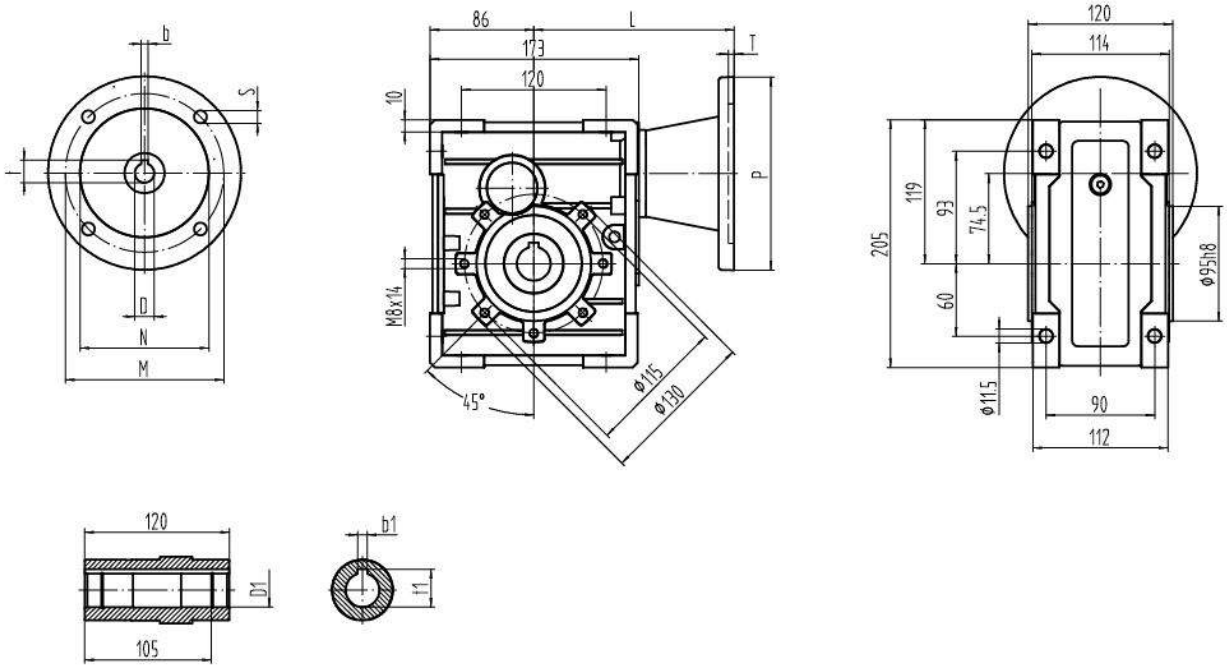

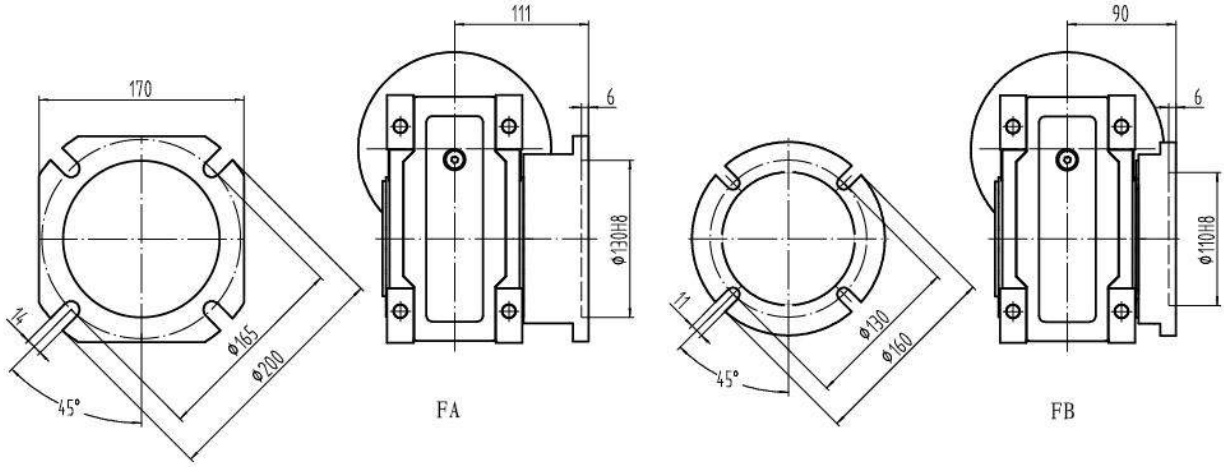

IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	139
71B5	14	5	16.3	160	130	110	9	4	146
80B5	19	6	21.8	200	165	130	11	4	166
80B14	19	6	21.8	120	100	80	7	4	166
90B5	24	8	27.3	200	165	130	11	4	166
90B14	24	8	27.3	140	115	95	9	4	166
100/112B5	28	8	31.3	250	215	180	13.5	4.5	176
100/112B14	28	8	31.3	160	130	110	9	4.5	176

$D1_{H8}$	b1	t1
28	**8**	**31.3**
30*	**8***	**33.3***
35*	**10***	**38.3***

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SKM48C..(IEC)

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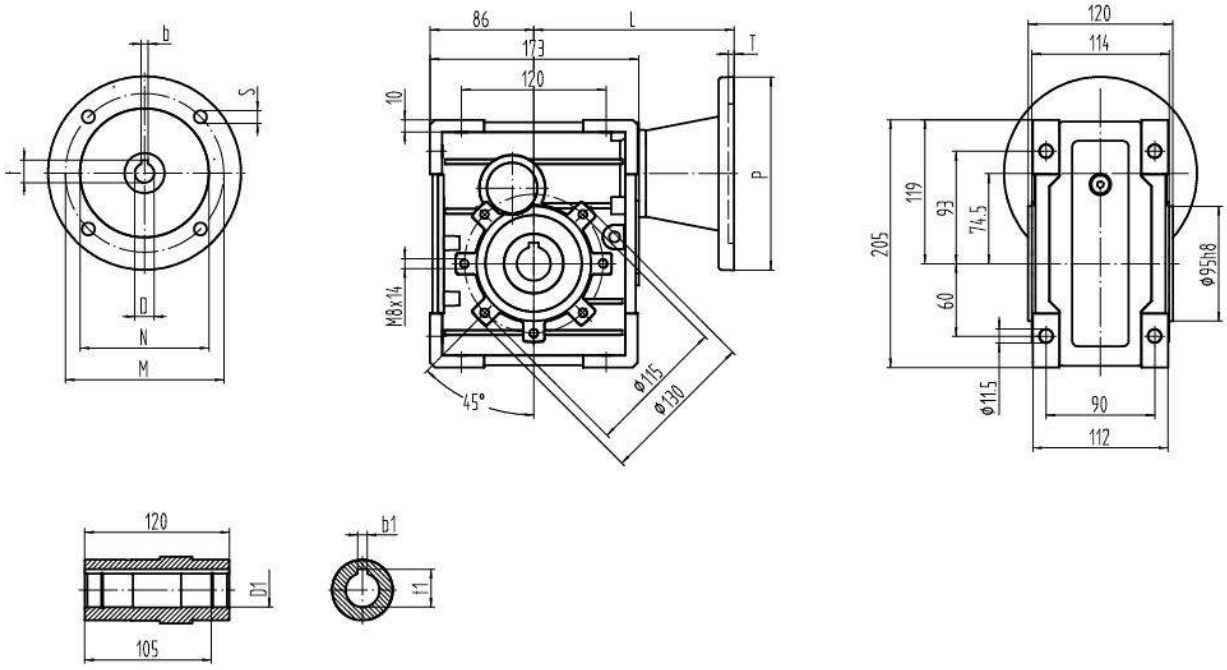

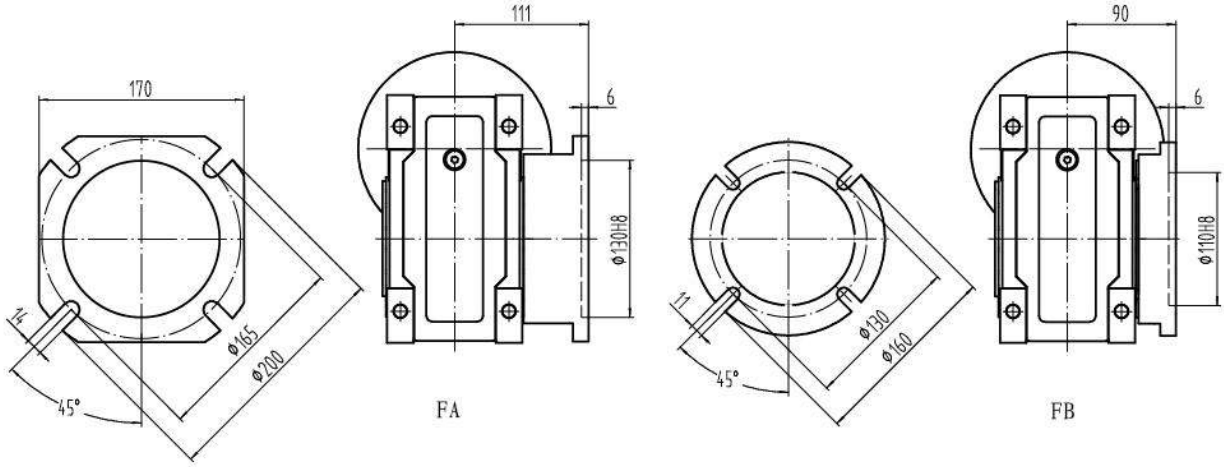

IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	179
71B5	14	5	16.3	160	130	110	9	4	186
80B5	19	6	21.8	200	165	130	11	4	206
80B14	19	6	21.8	120	100	80	7	4	206
90B5	24	8	27.3	200	165	130	11	4	206
90B14	24	8	27.3	140	115	95	9	4	206
100/112B5	28	8	31.3	250	215	180	13.5	4.5	216
100/112B14	28	8	31.3	160	130	110	9	4.5	216

$D1_{H8}$	b1	t1
28	**8**	**31.3**
30*	**8***	**33.3***
35*	**10***	**38.3***

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SKM58B..(IEC)

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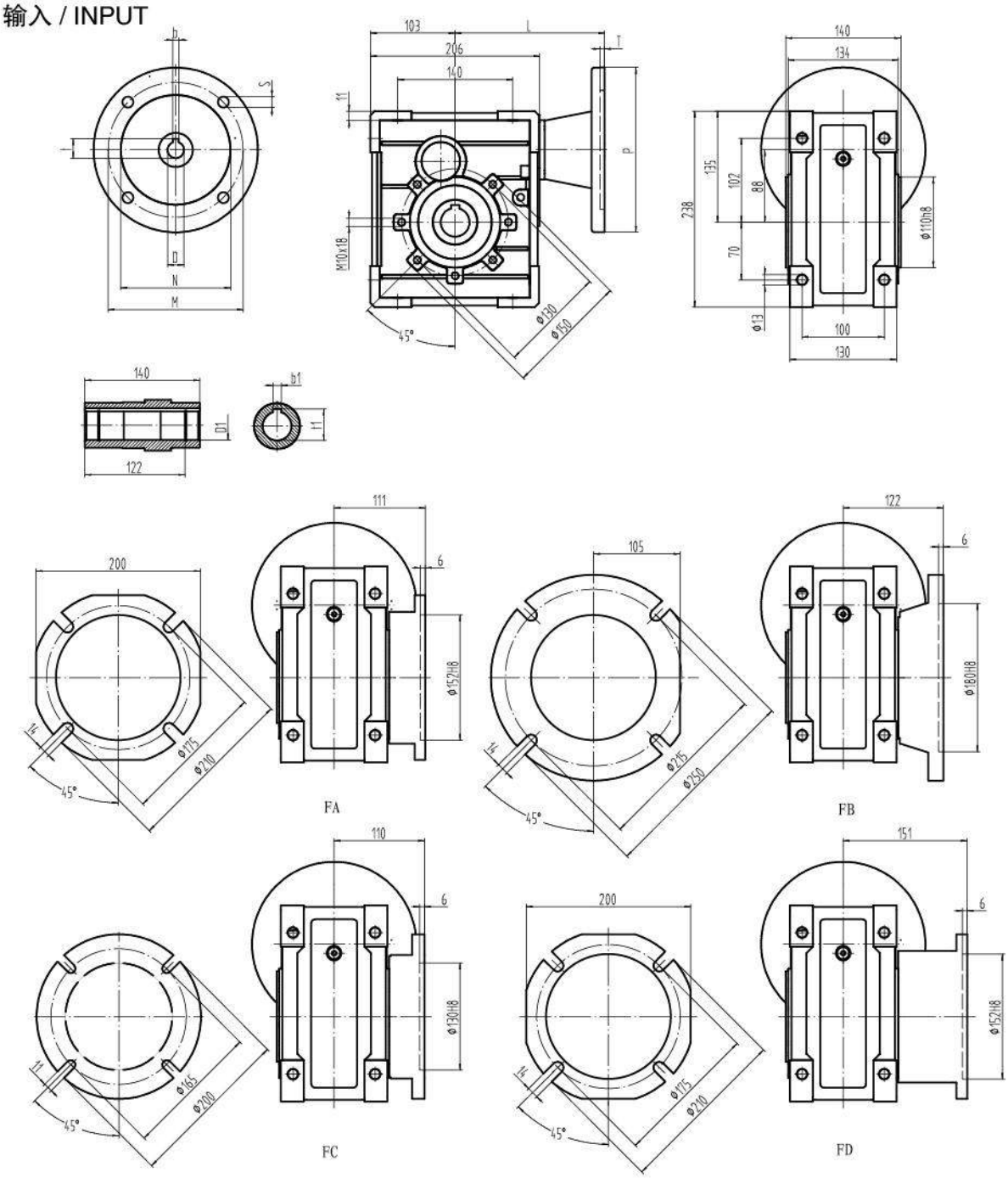

IEC	D	F	G	P	M	N	S	T	L
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71B5	14	5	16.3	160	130	110	9	4	162
80B5	19	6	21.8	200	165	130	11	4	182
80B14	19	6	21.8	120	100	80	7	4	182
90B5	24	8	27.3	200	165	130	11	4	182
90B14	24	8	27.3	140	115	95	9	4	182
100/112B5	28	8	31.3	250	215	180	13.5	4.5	192
100/112B14	28	8	31.3	160	130	110	9	4.5	192

$D1_{H8}$	b1	t1
35	10	38.3
38*	10*	41.3*
40*	10*	43.3*

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SKM58C..(IEC)

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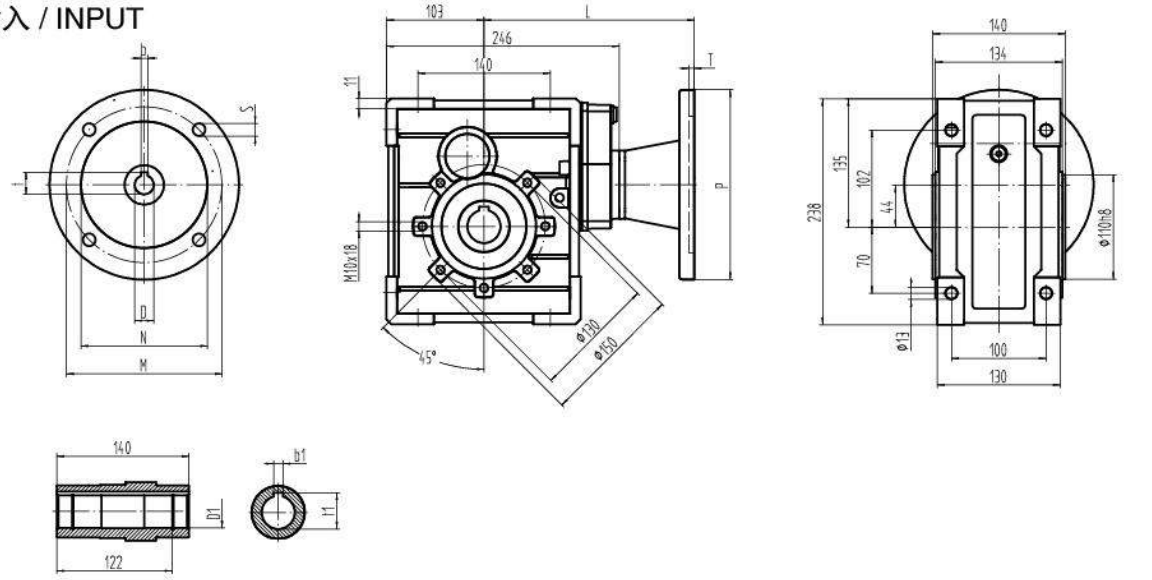

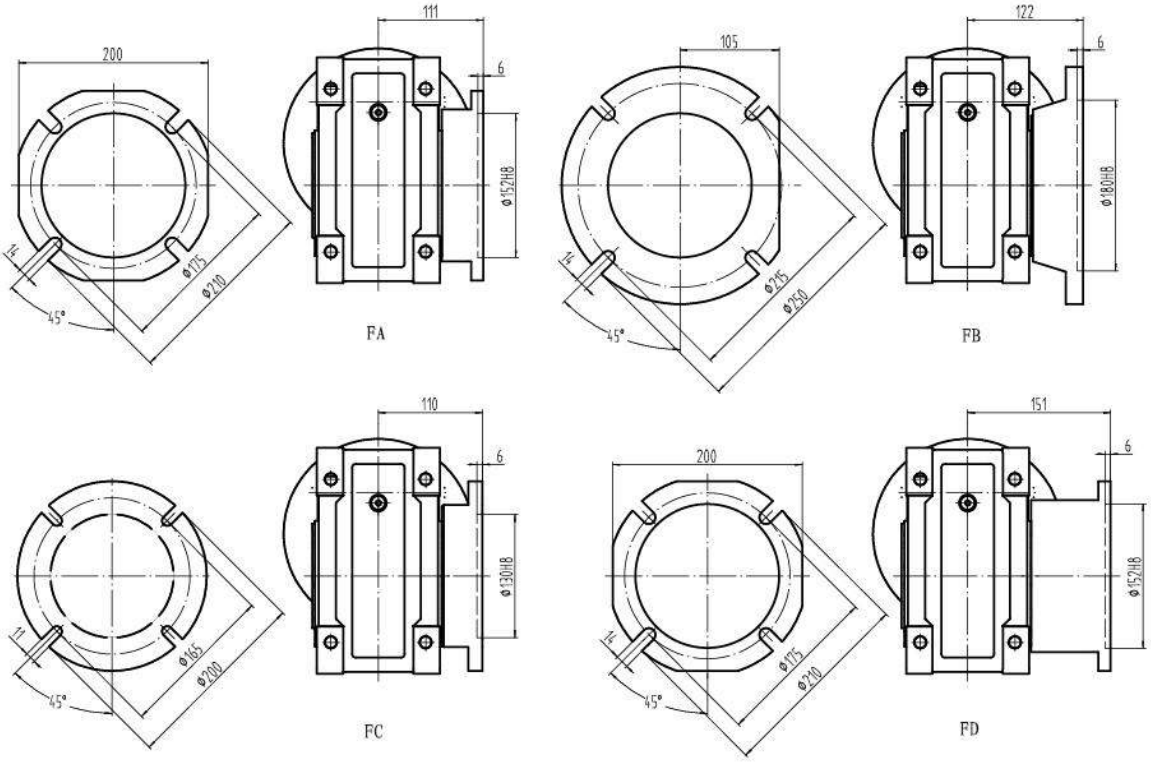

IEC	D	F	G	P	M	N	S	T	L
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71B5	14	5	16.3	160	130	110	9	4	202
80B5	19	6	21.8	200	165	130	11	4	222
80B14	19	6	21.8	120	100	80	7	4	222
90B5	24	8	27.3	200	165	130	11	4	222
90B14	24	8	27.3	140	115	95	9	4	222
100/112B5	28	8	31.3	250	215	180	13.5	4.5	232
100/112B14	28	8	31.3	160	130	110	9	4.5	232

$D1_{H8}$	b1	t1
35	10	38.3
38*	10*	41.3*
40*	10*	43.3*

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SKB38B..(IEC)

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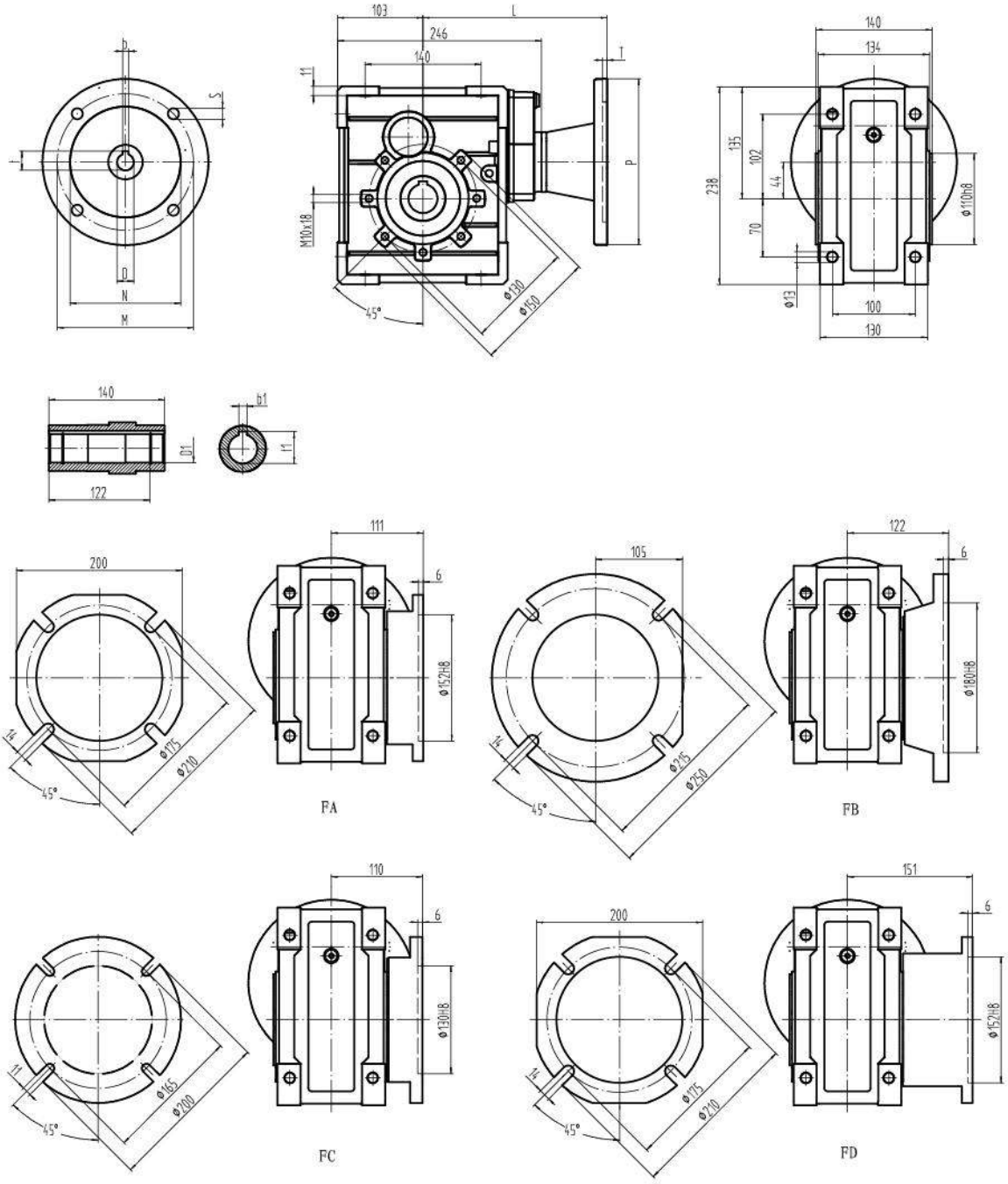

IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	117
71B5	14	5	16.3	160	130	110	9	4	124
71B14	14	5	16.3	105	85	70	7	4	124
80B5	19	6	21.8	200	165	130	11	4	144
80B14	19	6	21.8	120	100	80	7	4	144
90B5	24	8	27.3	200	165	130	11	4	144
90B14	24	8	27.3	140	115	95	9	4	144

$D1_{H8}$	b1	t1
25	8	28.3
28*	8*	31.3*
30*	8*	33.3*

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*Only on request

SKB38C..(IEC)

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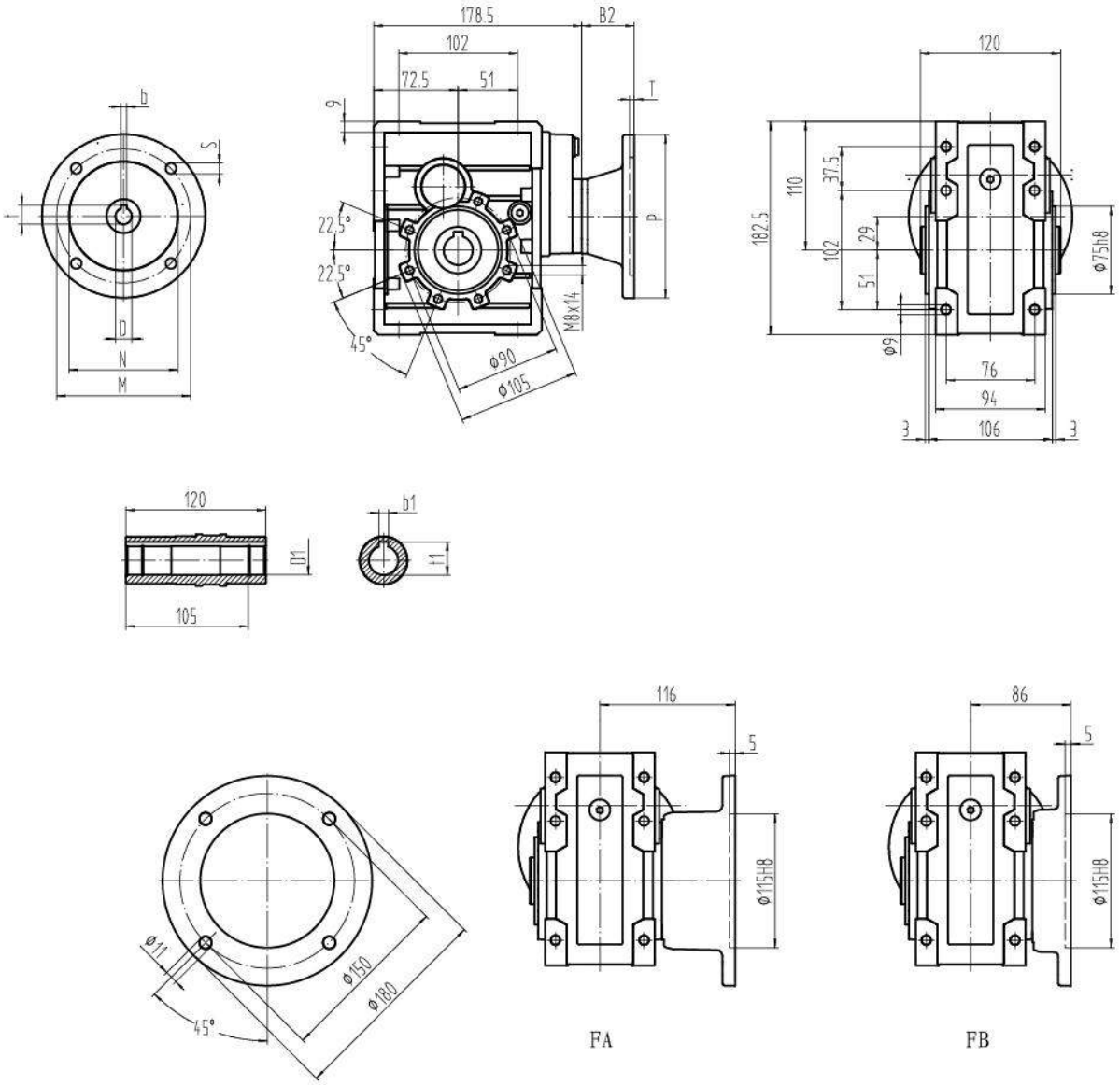

IEC	D	F	G	P	M	N	S	T	L
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71B5	14	5	16.3	160	130	110	9	4	158
71B14	14	5	16.3	105	85	70	7	4	158
80B5	19	6	21.8	200	165	130	11	4	178
80B14	19	6	21.8	120	100	80	7	4	178
90B5	24	8	27.3	200	165	130	11	4	178
90B14	24	8	27.3	140	115	95	9	4	178

$D1_{H8}$	b1	t1
25	8	28.3
28*	8*	31.3*
30*	8*	33.3*

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*Only on request

SKB48B..(IEC)

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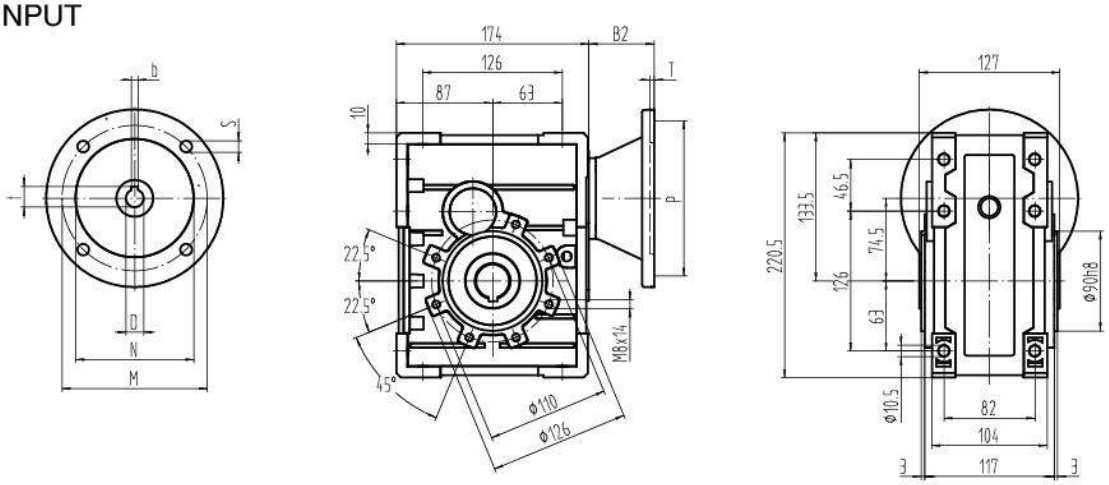

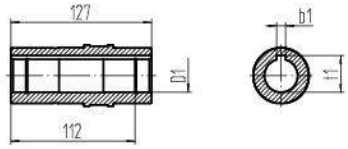

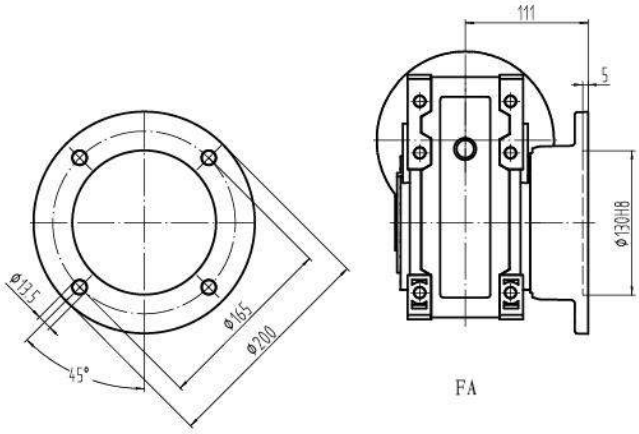

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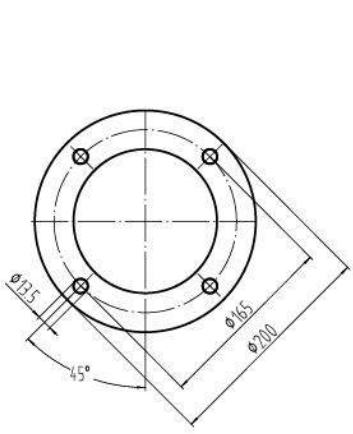

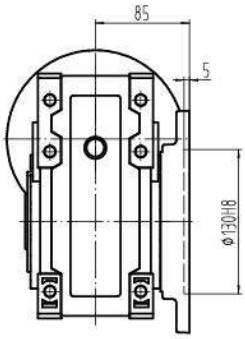

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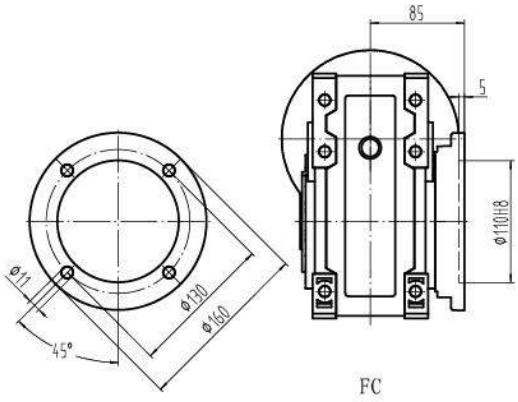

FC

IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	139
71B5	14	5	16.3	160	130	110	9	4	146
80B5	19	6	21.8	200	165	130	11	4	166
80B14	19	6	21.8	120	100	80	7	4	166
90B5	24	8	27.3	200	165	130	11	4	166
90B14	24	8	27.3	140	115	95	9	4	166
100/112B5	28	8	31.3	250	215	180	13.5	4.5	176
100/112B14	28	8	31.3	160	130	110	9	4.5	176

$D1_{H8}$	b1	t1
28	**8**	**31.3**
30*	**8***	**33.3***
35*	**10***	**38.3***

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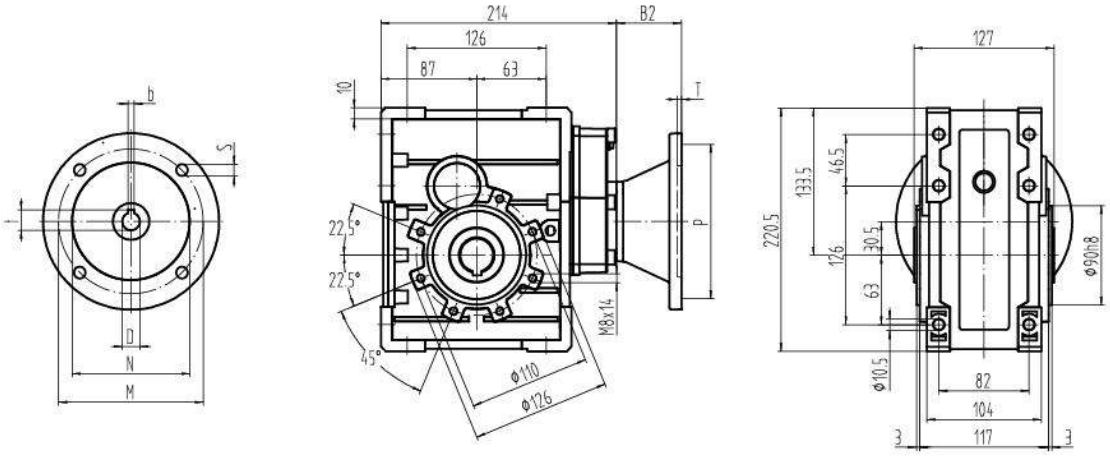
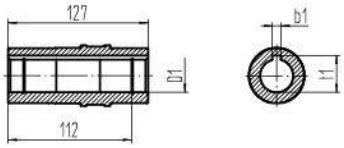
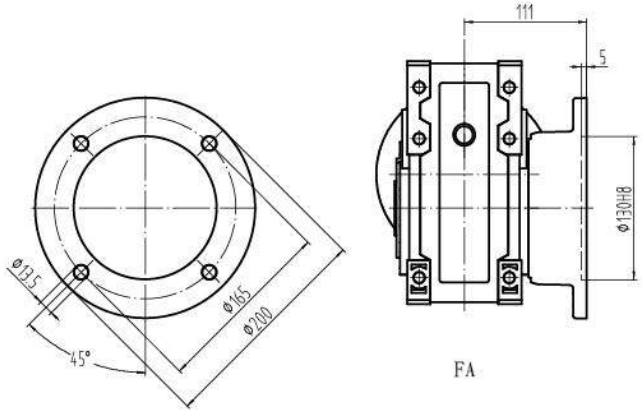
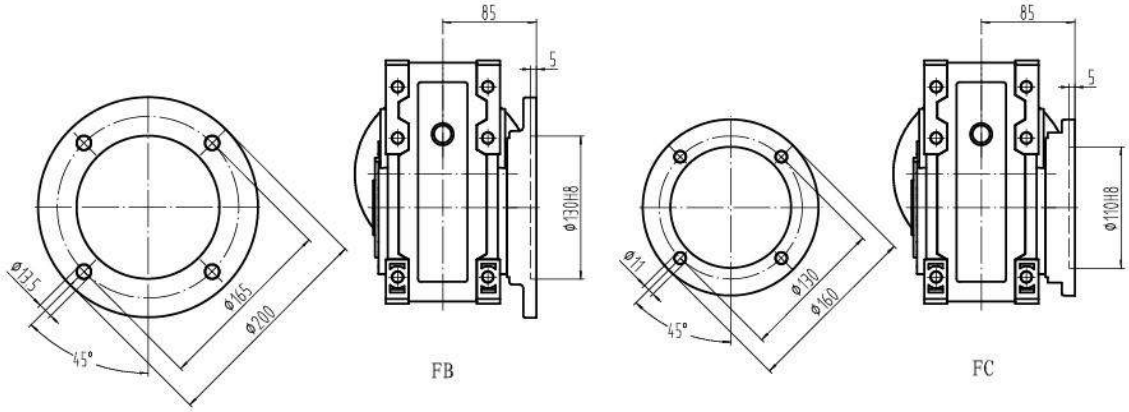






FA



FB FC

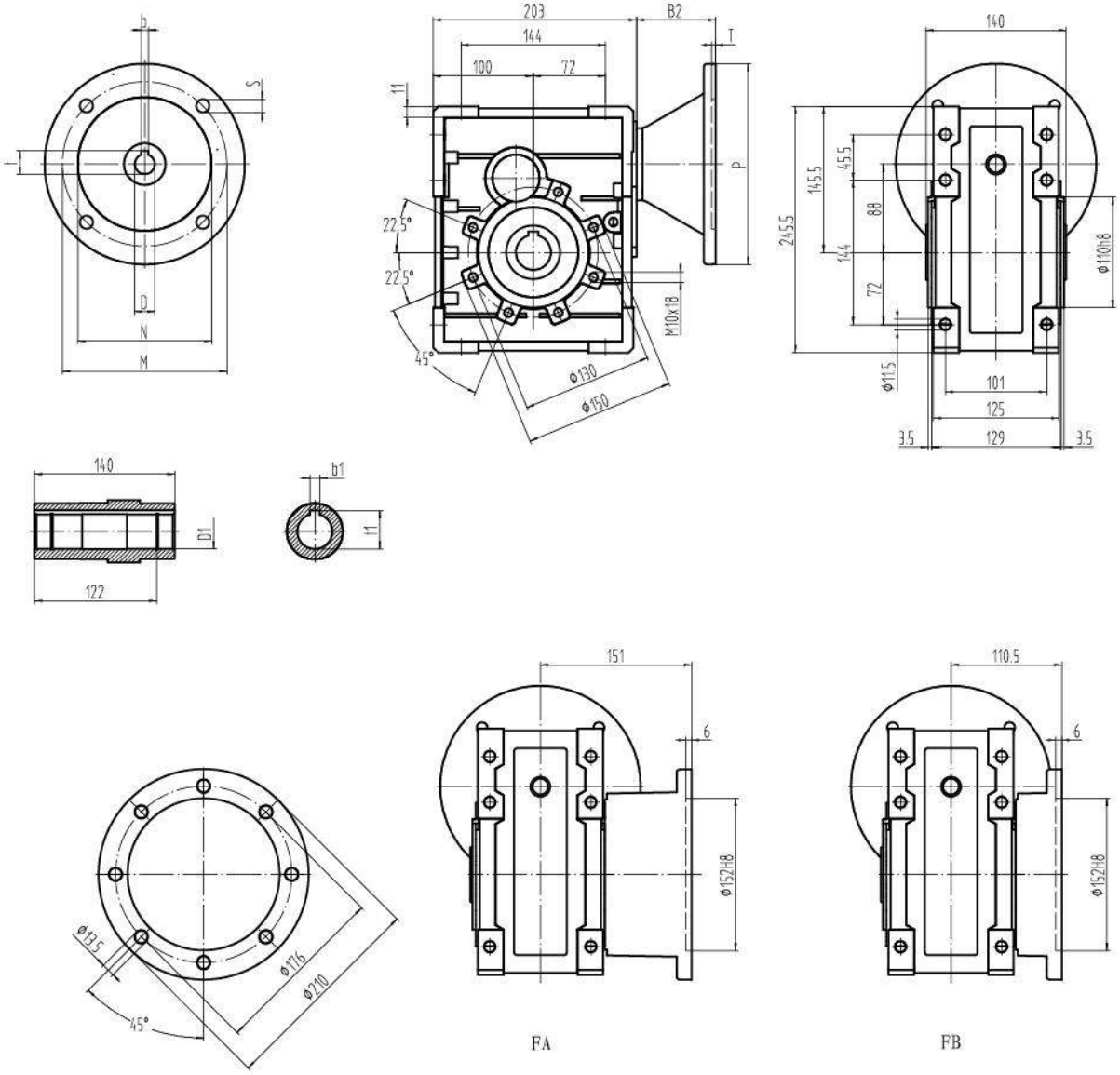
IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	179
71B5	14	5	16.3	160	130	110	9	4	186
80B5	19	6	21.8	200	165	130	11	4	206
80B14	19	6	21.8	120	100	80	7	4	206
90B5	24	8	27.3	200	165	130	11	4	206
90B14	24	8	27.3	140	115	95	9	4	206
100/112B5	28	8	31.3	250	215	180	13.5	4.5	216
100/112B14	28	8	31.3	160	130	110	9	4.5	216

$D1_{H8}$	b1	t1
28	**8**	**31.3**
30*	**8***	**33.3***
35*	**10***	**38.3***

***非标产品，订单时请说明**
***Only on request**

SKB58B..(IEC)

输入 / INPUT



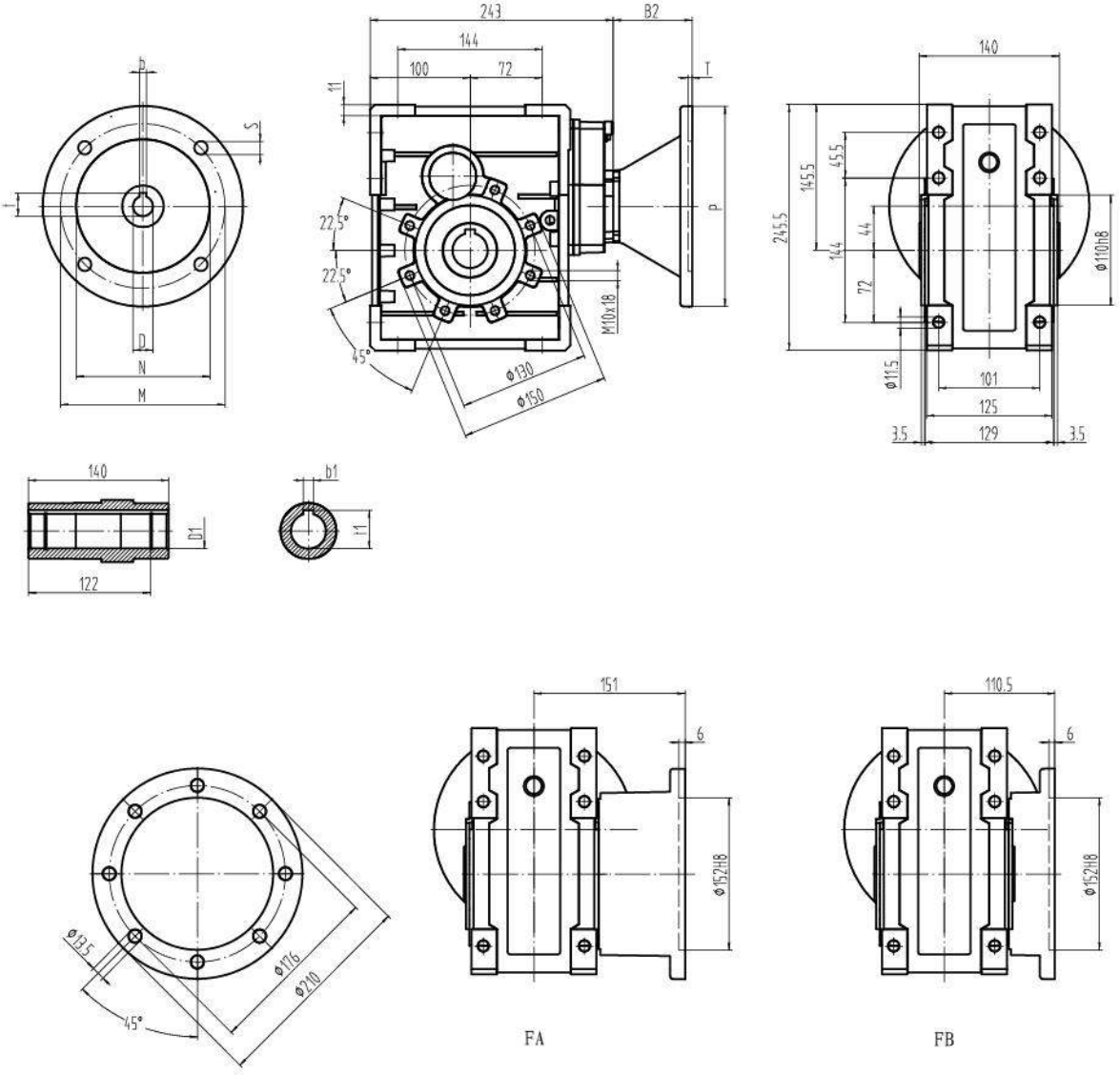
IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	155
71B5	14	5	16.3	160	130	110	9	4	162
80B5	19	6	21.8	200	165	130	11	4	182
80B14	19	6	21.8	120	100	80	7	4	182
90B5	24	8	27.3	200	165	130	11	4	182
90B14	24	8	27.3	140	115	95	9	4	182
100/112B5	28	8	31.3	250	215	180	13.5	4.5	192
100/112B14	28	8	31.3	160	130	110	9	4.5	192

$D1_{H8}$	b1	t1
35	**10**	**38.3**
38*	**10***	**41.3***
40*	**10***	**43.3***

***非标产品，订单时请说明**
***Only on request**

SKB58C..(IEC)

输入 / INPUT



IEC	D	F	G	P	M	N	S	T	L
63B5	11	4	12.8	140	115	95	9	4	195
71B5	14	5	16.3	160	130	110	9	4	202
80B5	19	6	21.8	200	165	130	11	4	222
80B14	19	6	21.8	120	100	80	7	4	222
90B5	24	8	27.3	200	165	130	11	4	222
90B14	24	8	27.3	140	115	95	9	4	222
100/112B5	28	8	31.3	250	215	180	13.5	4.5	232
100/112B14	28	8	31.3	160	130	110	9	4.5	232

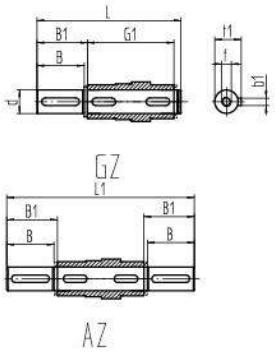
$D1_{H8}$	b1	t1
35	**10**	**38.3**
38*	**10***	**41.3***
40*	**10***	**43.3***

***非标产品，订单时请说明**
***Only on request**

8. 附件尺寸图表 / ACCESSORIES OUTLINE DIMENSION SHEET

8.1 输出轴 / output Shafts

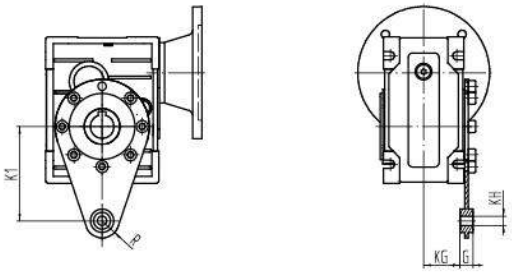
	dh6	B	B1	C1	L	L1	f	b1	t1
SKM28	25	50	53.5	92	153	199	M10	8	28
SKM38	25	50	53.5	112	173	219	M10	8	28
SKM48	28	60	63.5	120	192	247	M10	8	31
SKM58	35	80	84.5	140	234	309	M12	10	38
SKB38	25	60	65	120	192	246.4	M8	8	28
SKB48-d28	28	60	65	127	199	255	M8	8	31
SKB48-d30	30	60	65	127	199	255	M10	8	33
SKB58	35	60	65	140	214	268	M12	10	38



8.2 扭力臂 / Torque Arm

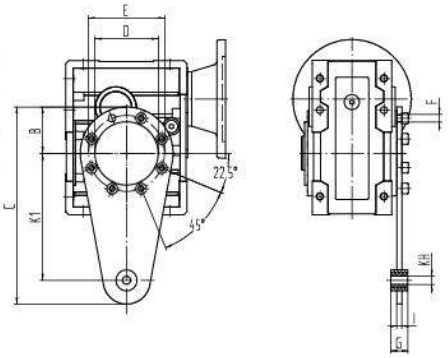
8.2.1 SKM...扭力臂 / Torque Arm

	K1	G	KG	KH	R
SKM28	100	14	38.5	10	18
SKM38	150	14	49	10	18
SKM48	200	25	47.5	20	30
SKM58	200	25	57.5	20	30



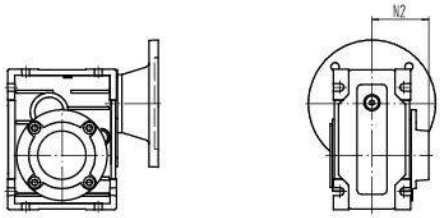
8.2.2 SKB...扭力臂 / Torque Arm

	K1	B	C	D	E	F	G	KH	I
SKB38	150	55	233	75	90	9	20	10	6
SKB48	200	63	300	90	110	9	25	20	6
SKB58	200	80	318	110	130	11	25	20	6

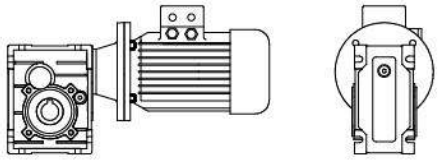
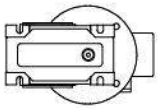
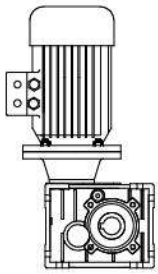
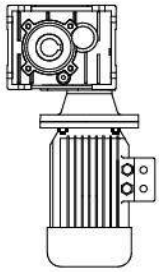
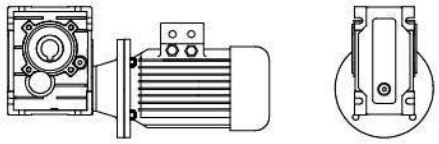
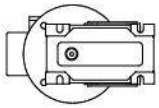


8.3 防力盖 / Covev

	N2
SKM28	63
SKM38	73
SKM48	79
SKM58	94



9. 安装方位和接线盒位置 / MOUNTING POSITION AND TERMINAL BOX ORIENTATION

B3	B6	V5	V6
			
B8	**B7**		
			

10. 润滑油添加量 / Lubricant fill quantity

减速器型号 Gear units	加注量 Fill quantity in liters 单位 unit：升(L)					
	B3	B6	B7	B8	V5	V6
SKM28B	0.22	0.2	0.2	0.13	0.15	0.14
SKM28C	0.07	0.04	0.04	0.04	0.05	0.09
SKM38B	0.42	0.35	0.35	0.24	0.22	0.25
SKM38C	0.07	0.04	0.04	0.04	0.05	0.09
SKM48B	0.7	0.58	0.58	0.42	0.42	0.45
SKM48C	0.13	0.09	0.09	0.09	0.09	0.17
SKM58B	1.21	0.95	0.95	0.72	0.67	0.74
SKM58C	0.13	0.09	0.09	0.09	0.09	0.17
SKB38B	0.38	0.35	0.35	0.25	0.26	0.25
SKB38C	0.07	0.04	0.04	0.04	0.05	0.09
SKB48B	0.66	0.6	0.6	0.45	0.48	0.47
SKB48C	0.13	0.09	0.09	0.09	0.09	0.17
SKB58B	1.15	0.93	0.93	0.7	0.74	0.75
SKB58C	0.13	0.09	0.09	0.09	0.09	0.17

表格规定的加注量为参考值，准确值的变化与传动比有关。SKM、SKB系列减速器在出厂前已加注了长寿命的润滑油，可长期使用，一般不需要换油。

The fill quantity in the table is referenced, the exact value velating to the ratio.All SKM、SKB Series helical gear units are filled with life lubrication before delivery, do not need to change it in general.