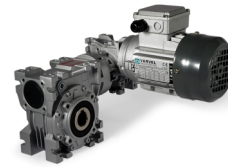
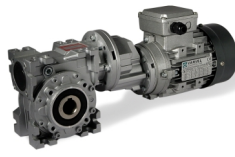
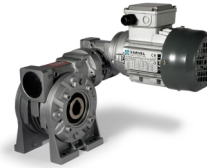
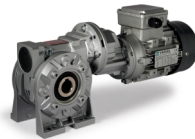


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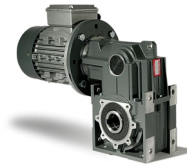
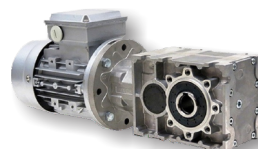
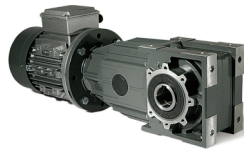
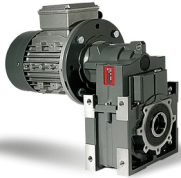
RT TA RT/RT



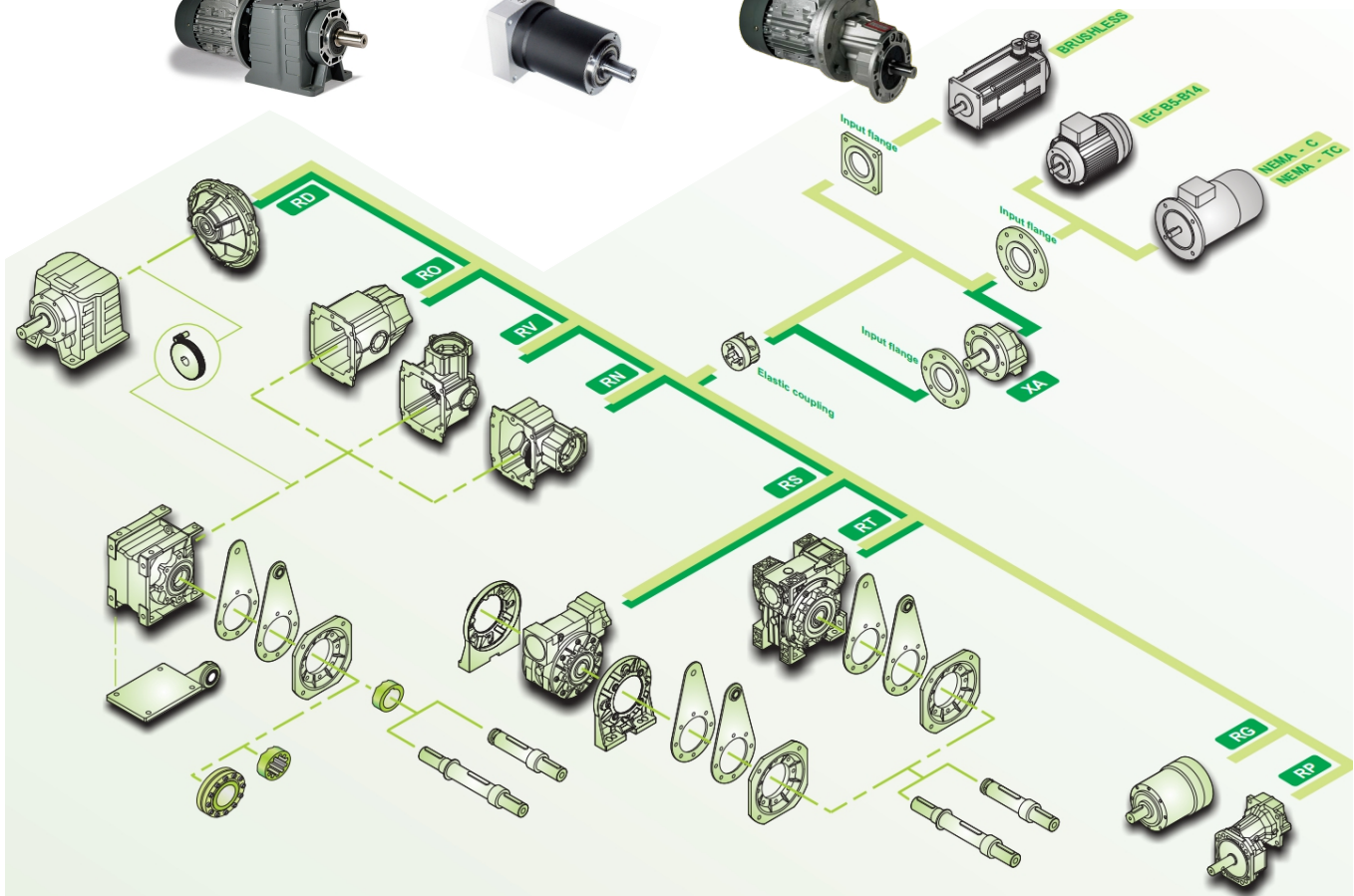
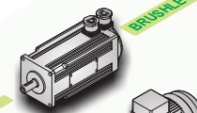
RS RA RS/RS



RN RO RO2 RV

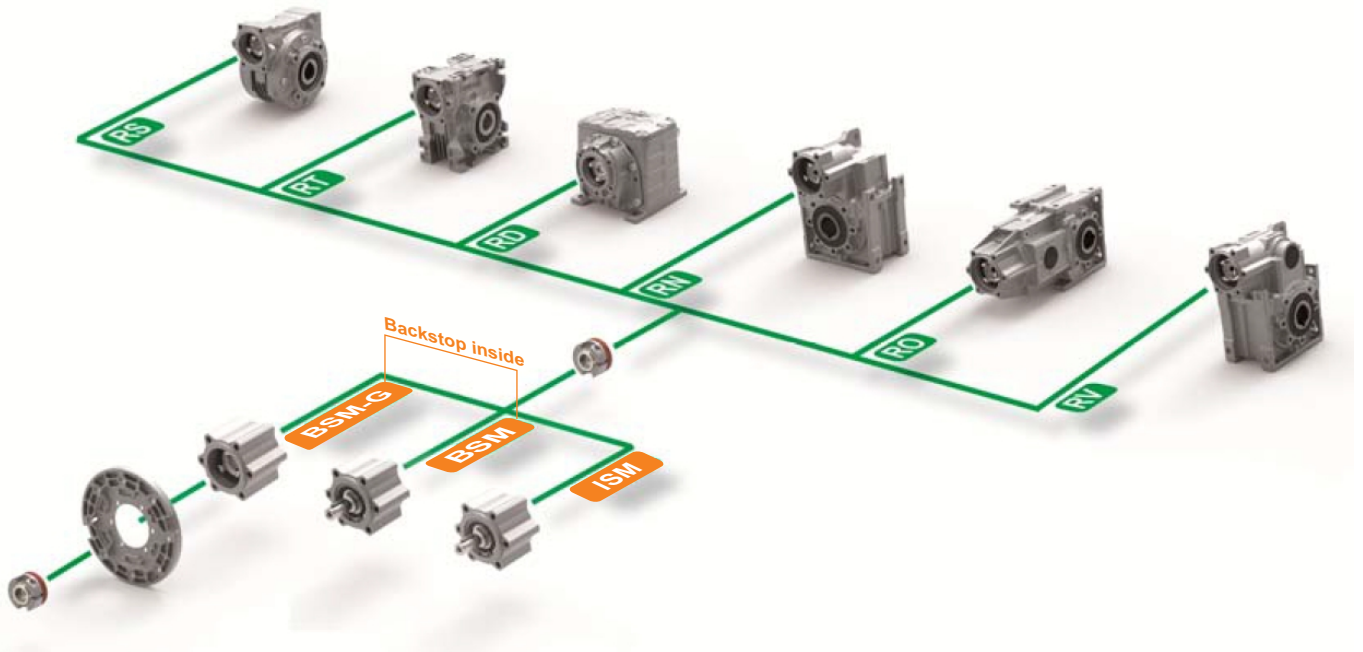


RD RG XA



ISM - BSM

Input solid shaft and Backstop modules



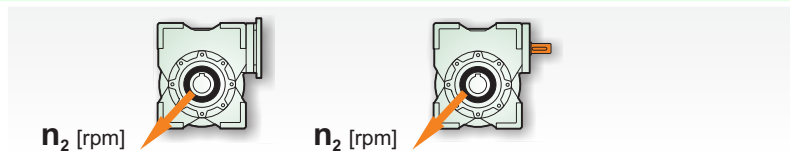
		RT	TA	RT/RT
Input type				
Coupling for electric motor	F version			
	S version			
Input shaft				
Gearmotor				

Input speed

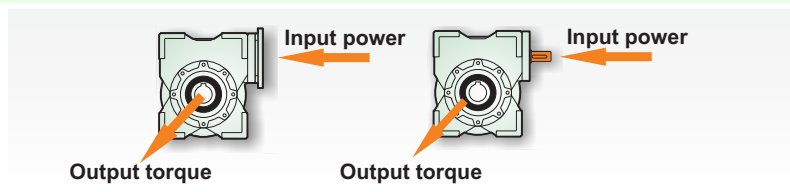


Output speed

$$n_2 = \frac{n_1}{i \text{ (ratio)}}$$



Select by



RT TA RT/RT

Service factor (s.f.)

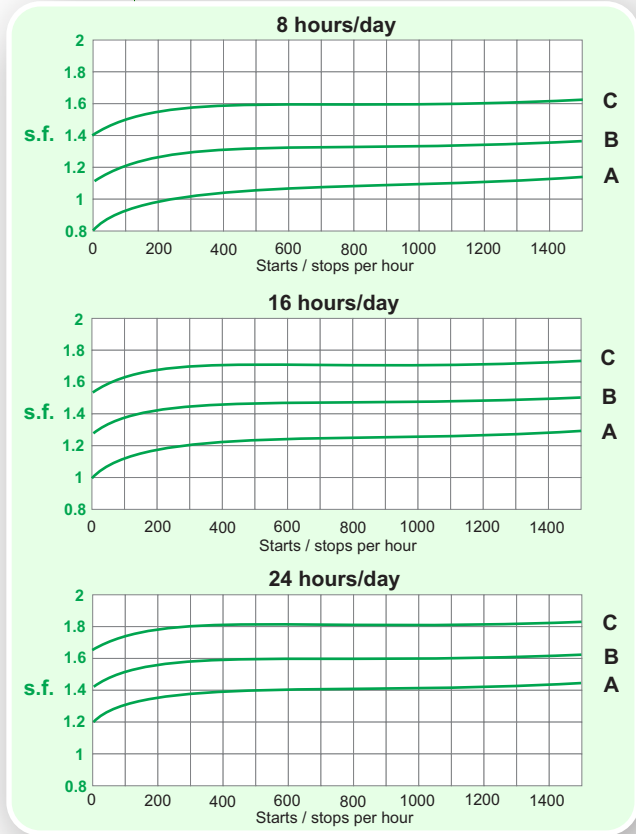
The service factor is defined by the type of prime mover and the type of machine driven by the gear unit. This is an empirical value fixed by the standards through the historic experience of the various applications and takes into account the variations of load, transmission impacts and uncertainty relative to the variation of parameters involved in the transmission of power.

The importance of the machine driven is essential in identifying the s.f. factor, since the motors used in combination with the gear units are normally electric or hydraulic and therefore classed as uniform drive motorizations.

It must be multiplied by the nominal operating torque (or power) in order to obtain the reference torque (or power) to be compared with the catalogue value.

The following table gives some application examples.

- A - Uniform load
- B - Moderate shock load
- C - Severe shock load

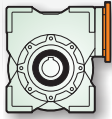
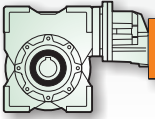
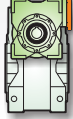
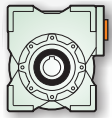
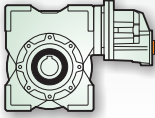



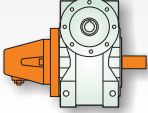
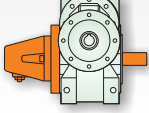
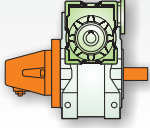
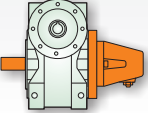
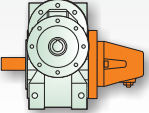
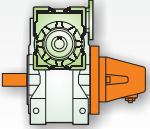
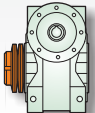
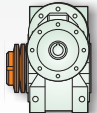
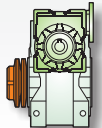
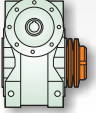
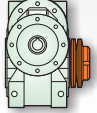
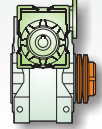
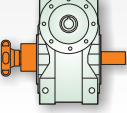
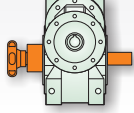
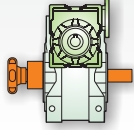
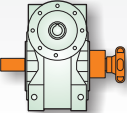
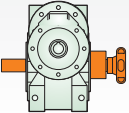
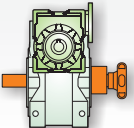
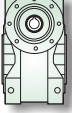
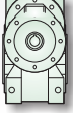
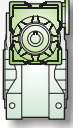
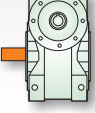
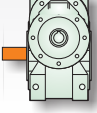
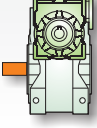
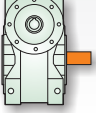
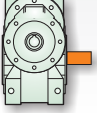
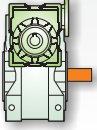
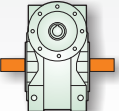
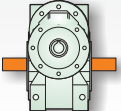
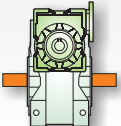
Agitators/Mixer	
Pure liquids	A
Liquid and solids	B
Liquid- variable density	B
Clay working machine	
Brick press	C
Briquette machine	C
Compactors	C
Conveyors-general purpose	
Worm conveyor	A
Uniformly loaded or fed	A
Heavy duty	
Not uniform fed	B
Reciprocating or shaker	C
Cranes and Dry dock	
Main Hoist	C
Auxiliary Hoist	C
Boom Hoist	C
Slewing Drive	C
Traction Drive	C
Containers	
Main Hoist	C
Boom Hoist	C
Industrial Duty	
Main	C
Auxiliary	C
Bridge	C
Trolley Travel	C
Crusher	
Stone or ore	C
Dredges	
Cable reel	B
Conveyors	B
Cutter head drives	C
Screen drives	C
Stackers	B

Winches	B
Elevators	
Bucket	B
Escalators	A
Extruders	
General	C
Plastics	
Variable speed drive	C
Fixed speed drive	C
Rubber	
Continuous screw operation	C
Intermittent screw operation	C
Feeders	
Apron	B
Belt	B
Screw	B
Food industry	
Cereal cooker	A
Dough mixer	B
Meat grinders	B
Hoists	
Heavy duty	C
Medium duty	B
Skip hoist	B
Laundry	
Tumblers	B
Washers	C
Lumber industry	
Conveyors-burner	B
Main or heavy duty	C
Main log	C
Slab	C
Transfer	B
Debarking drums	C
Planer feed	B
Transfers -chain	C

Metal mills	
Reversing	C
Slab pushers	C
Shears	C
Wire drawing	B
Wire Winding machine	C
Metal strip processing machinery	
Bridles	B
Coilers & uncoilers	A
Edge trimmers	B
Flatteners	B
Pinch rolls	B
Scrap choppers	B
Shears	C
Slitters	B
Mills rotary type	
Cement Kilns	C
Dryers & coolers	C
Mixer concrete	B
Paper mills	
Agitator (mixer)	C
Agitator for pure liquors	B
Calender	B
Chipper	C
Chip feeder	C
Coating rolls	B
Conveyors	
Chip, bark, chemical	B
Log (including slab)	C
Dryers	
Paper machine	B
Conveyors	C
Extruder	C
Screen	
Chip	C
Rotary	C

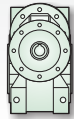


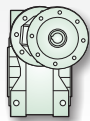


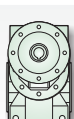
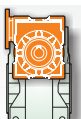

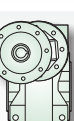


Vibrating	C
Size press	B
Super calendar	B
Thickener (AC motor)	C
Thickener (DC motor)	B
Washer (AC motor)	C
Washer (DC motor)	B
Plastic industry	
Batch mixers	C
Continuous mixers	C
Calenders	C
Rubber industry	
Batch mixers	C
Continuous mixers	C
Calenders	C
Sand muller	B
Sewage disposal equipment	
Bar screens	B
Chemical feeders	B
Dewatering screens	C
Scum breakers	C
Slow or rapid mixers	C
Sludge collectors	B
Thickeners	C
Vacuum filters	C
Screens	
Air washing	A
Rotary-stone or gravel	B
Sugar industry	
Beet slicer	C
Cane knives	C
Crushers	C
Mills (low speed end)	C
Textile industry	
Batchers	B
Calenders	B
Dryers	B

		RT	TA	RT/RT
Input version				
Coupling for electric motor	F version			
	S version			

	RT	TA	RT/RT
Travel limiter			
SL LH (Left Hand)			
SL RH (Right Hand)			
Torque limiter			
TLI LH (Left Hand)			
TLI RH (Right Hand)			
TLE LH (Left Hand)			
TLE RH (Right Hand)			
	RT	TA	RT/RT
Output shaft			
Hollow AC			
Single AS LH (Left Hand)			
Single AS RH (Right Hand)			
Double AD			

TA RT/RT

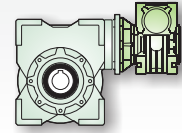
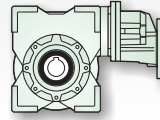
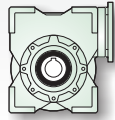
Attachment position

10 (std)		20 (std)		24	
11		21		25	
12		22		26	
13		23		27	

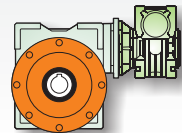
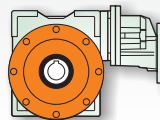
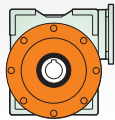
	RT	TA	RT/RT
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Fixing

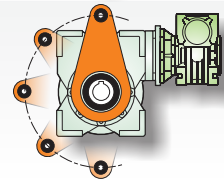
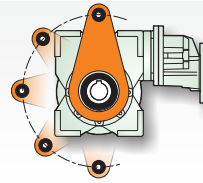
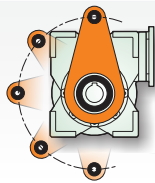
Universal



Output flange

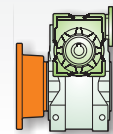
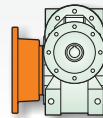
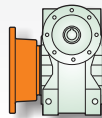


Torque arm

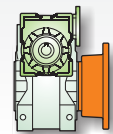
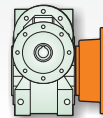
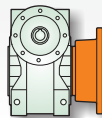


Output flange position

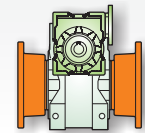
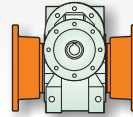
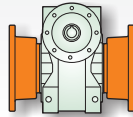
LH (Left Hand)



RH (Right Hand)

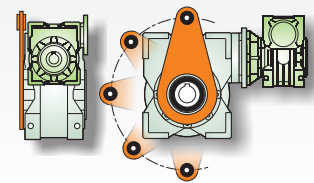
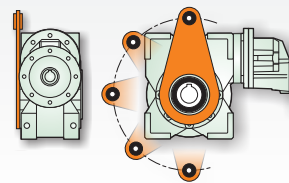
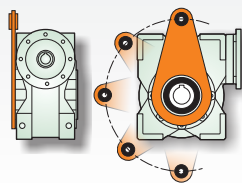


2 (Both Hand)

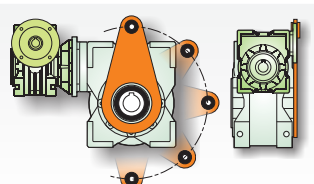
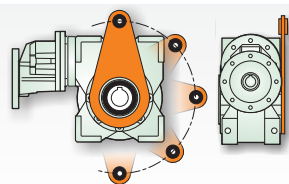
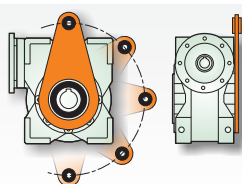


Torque arm position

BT LH - BTV LH
(Left Hand)



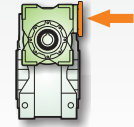
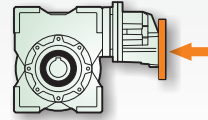
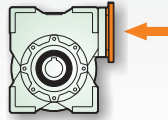
BT RH - BTV RH
(Right Hand)



	RT	TA	RT/RT
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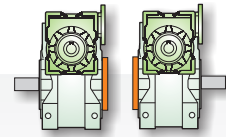
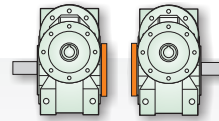
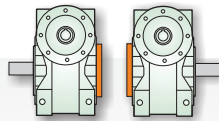
Motor flange

B5 - B14 (IEC)
 Nema



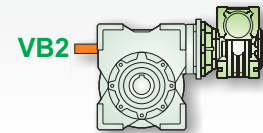
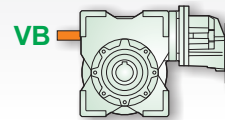
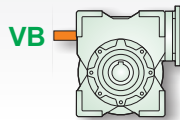
Safety cap for AS

ASC

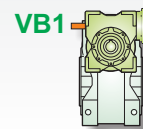


NDE wormshaft

VB - VB2

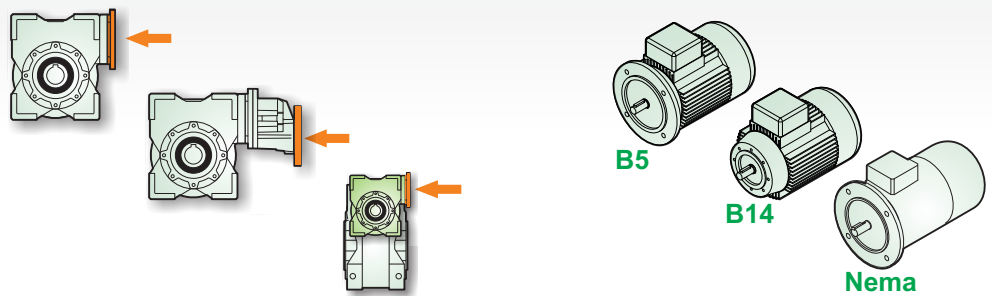


VB1



Motor flange

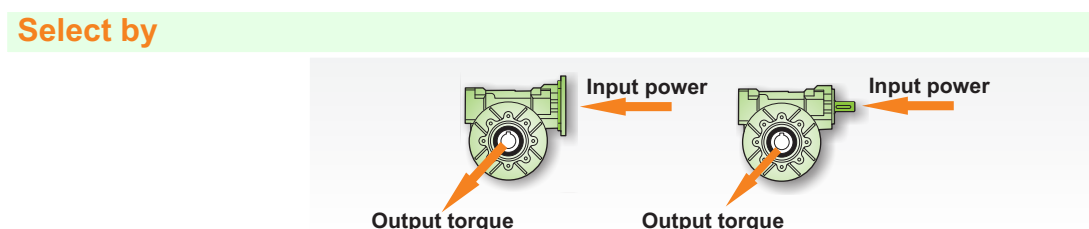
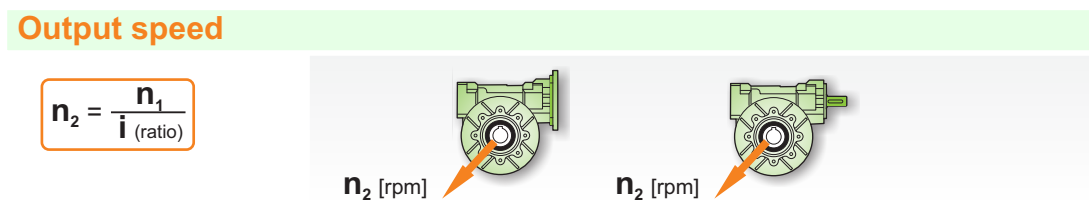
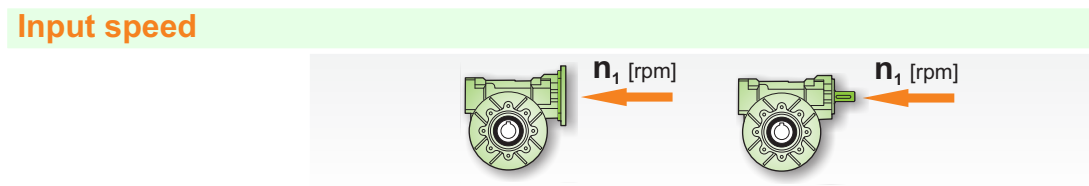
B5 - B14 (IEC)
Nema



Terminal box position

	RT	TA	RT/RT
X1			
X2			
X3			
X4			

		RS	RA	RS/RS
Input type				
Coupling for electric motor	F version			
	S version			
Input shaft				
Gearmotor				



RS

RA

RS/RS

Service factor (s.f.)

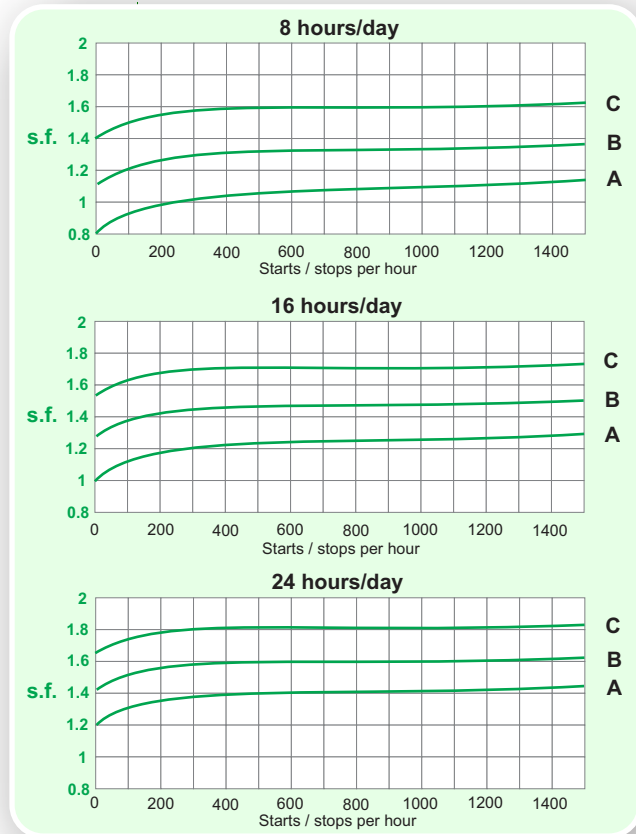
The service factor is defined by the type of prime mover and the type of machine driven by the gear unit. This is an empirical value fixed by the standards through the historic experience of the various applications and takes into account the variations of load, transmission impacts and uncertainty relative to the variation of parameters involved in the transmission of power.

The importance of the machine driven is essential in identifying the s.f. factor, since the motors used in combination with the gear units are normally electric or hydraulic and therefore classed as uniform drive motorizations.

It must be multiplied by the nominal operating torque (or power) in order to obtain the reference torque (or power) to be compared with the catalogue value.

The following table gives some application examples.

- A - Uniform load
- B - Moderate shock load
- C - Severe shock load

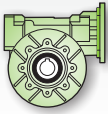
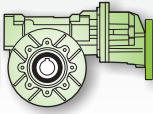
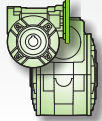
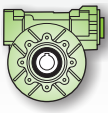
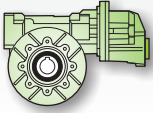
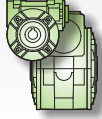


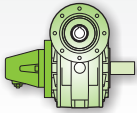
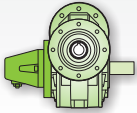
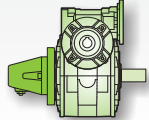
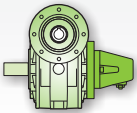
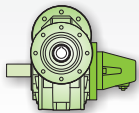
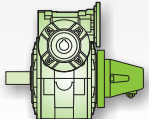
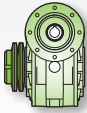
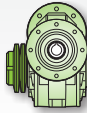
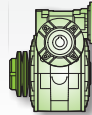
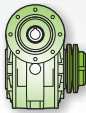
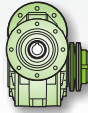
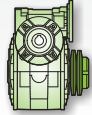
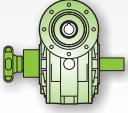
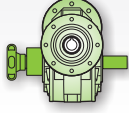
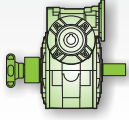
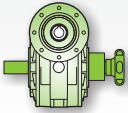
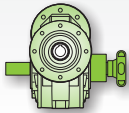
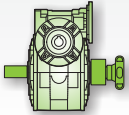

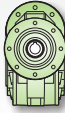
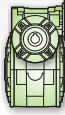
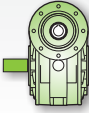
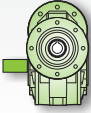
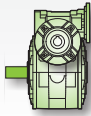
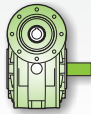
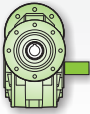
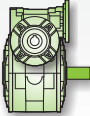
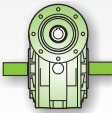
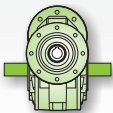
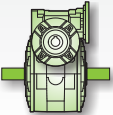
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Pure liquids	A
Liquid and solids	B
Liquid- variable density	B
Clay working machine	
Brick press	C
Briquette machine	C
Compactors	C
Conveyors-general purpose	
Worm conveyor	A
Uniformly loaded or fed	A
Heavy duty	
Not uniform fed	B
Reciprocating or shaker	C
Cranes and Dry dock	
Main Hoist	C
Auxiliary Hoist	C
Boom Hoist	C
Slewing Drive	C
Traction Drive	C
Containers	
Main Hoist	C
Boom Hoist	C
Industrial Duty	
Main	C
Auxiliary	C
Bridge	C
Trolley Travel	C
Crusher	
Stone or ore	C
Dredges	
Cable reel	B
Conveyors	B
Cutter head drives	C
Screen drives	C
Stackers	B

Winches	B
Elevators	
Bucket	B
Escalators	A
Extruders	
General	C
Plastics	
Variable speed drive	C
Fixed speed drive	C
Rubber	
Continuous screw operation	C
Intermittent screw operation	C
Feeders	
Apron	B
Belt	B
Screw	B
Food industry	
Cereal cooker	A
Dough mixer	B
Meat grinders	B
Hoists	
Heavy duty	C
Medium duty	B
Skip hoist	B
Laundry	
Tumblers	B
Washers	C
Lumber industry	
Conveyors-burner	B
Main or heavy duty	C
Main log	C
Slab	C
Transfer	B
Debarking drums	C
Planer feed	B
Transfers -chain	C

Metal mills	
Reversing	C
Slab pushers	C
Shears	C
Wire drawing	B
Wire Winding machine	C
Metal strip processing machinery	
Bridles	B
Coilers & uncoilers	A
Edge trimmers	B
Flatteners	B
Pinch rolls	B
Scrap choppers	B
Shears	C
Slitters	B
Mills rotary type	
Cement Kilns	C
Dryers & coolers	C
Mixer concrete	B
Paper mills	
Agitator (mixer)	C
Agitator for pure liquors	B
Calender	B
Chipper	C
Chip feeder	C
Coating rolls	B
Conveyors	
Chip, bark, chemical	B
Log (including slab)	C
Dryers	
Paper machine	B
Conveyors	C
Extruder	C
Screen	
Chip	C
Rotary	C

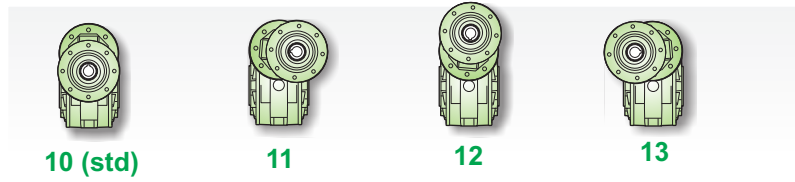
Vibrating	C
Size press	B
Super calendar	B
Thickener (AC motor)	C
Thickener (DC motor)	B
Washer (AC motor)	C
Washer (DC motor)	B
Plastic industry	
Batch mixers	C
Continuous mixers	C
Calenders	C
Rubber industry	
Batch mixers	C
Continuous mixers	C
Calenders	C
Sand muller	B
Sewage disposal equipment	
Bar screens	B
Chemical feeders	B
Dewatering screens	C
Scum breakers	C
Slow or rapid mixers	C
Sludge collectors	B
Thickeners	C
Vacuum filters	C
Screens	
Air washing	A
Rotary-stone or gravel	B
Sugar industry	
Beet slicer	C
Cane knives	C
Crushers	C
Mills (low speed end)	C
Textile industry	
Batchers	B
Calenders	B
Dryers	B

		RS	RA	RS/RS
Input version				
Coupling for electric motor	F version			
	S version			

	RS	RA	RS/RS
Travel limiter			
SL LH (Left Hand)			
SL RH (Right Hand)			
Torque limiter			
TLI LH (Left Hand)			
TLI RH (Right Hand)			
TLE LH (Left Hand)			
TLE RH (Right Hand)			
Output shaft			
Hollow AC			
Single AS LH (Left Hand)			
Single AS RH (Right Hand)			
Double AD			

RA

Attachment position



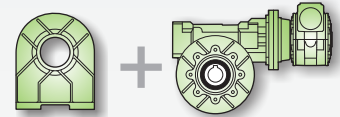
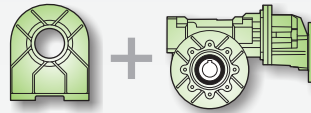
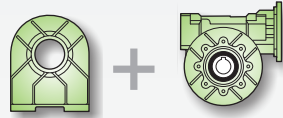
RS/RS

	S (SA)	I (IA)	D (DA)	PC (PA, PB)	FL (FA, FB)
11					
12					
13					
14					
15					
16					
17					
18					

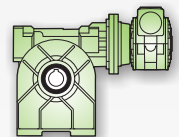
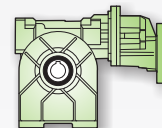
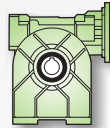
	RS	RA	RS/RS
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Fixing

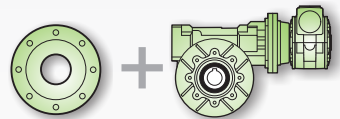
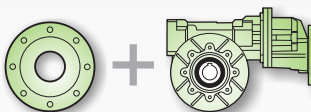
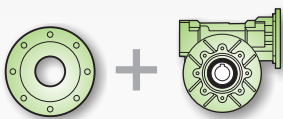
Feet bolted



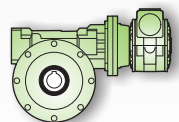
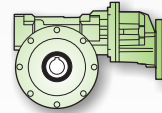
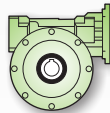
Feet integral



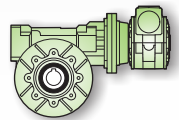
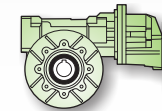
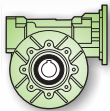
Output flange bolted



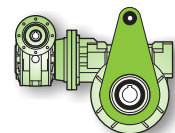
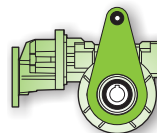
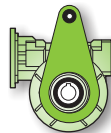
Output flange integral



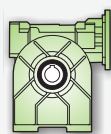
Shaft mounting



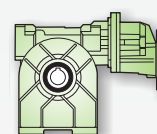
Torque arm



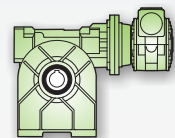
Foot version



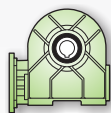
S



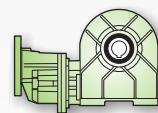
S - SA



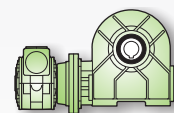
S



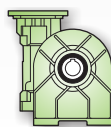
I



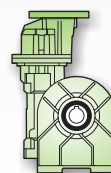
I - IA



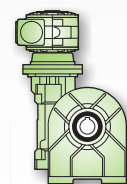
I



D



D - DA



D

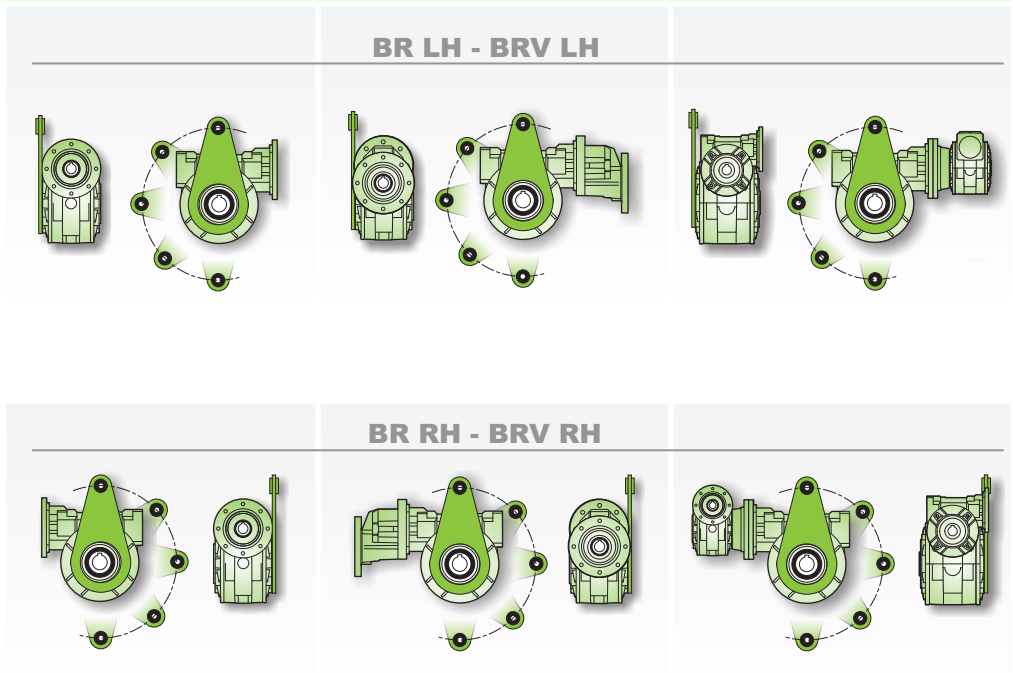
Output flange position

	RS	RA	RS/RS	
LH (Left Hand)		PA - PB - PC 		
		FO 		
		FL - FA - FB - FR 		
	B5i 	B5i 	B5i 	
	RH (Right Hand)		PA - PB - PC 	
			FO 	
		FL - FA - FB - FR 		
		B5 	B5 	

RS RA RS/RS

Torque arm position

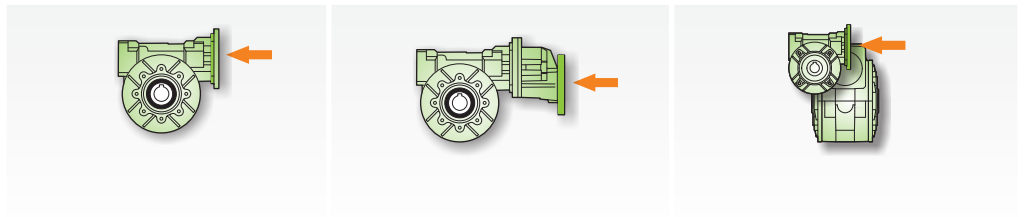
LH (Left Hand) —



	RS	RA	RS/RS
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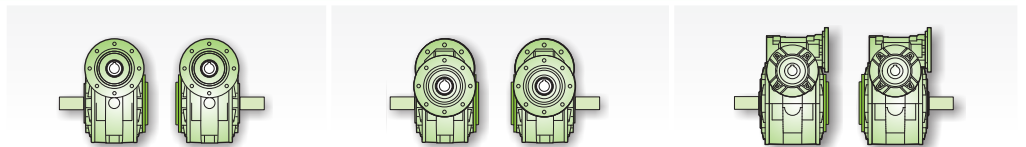
Motor flange

B5 - B14 (IEC)
 Nema



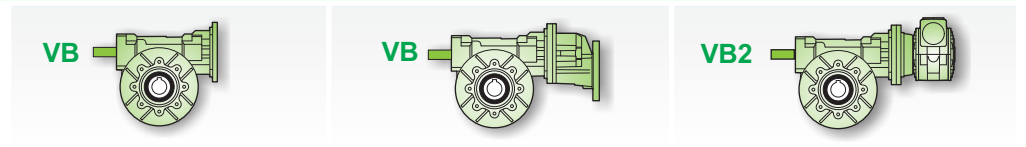
Safety cap

ASC

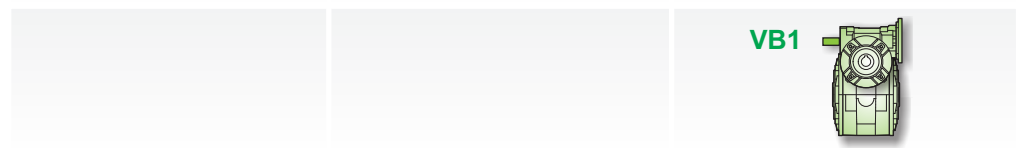


NDE wormshaft

VB - VB2

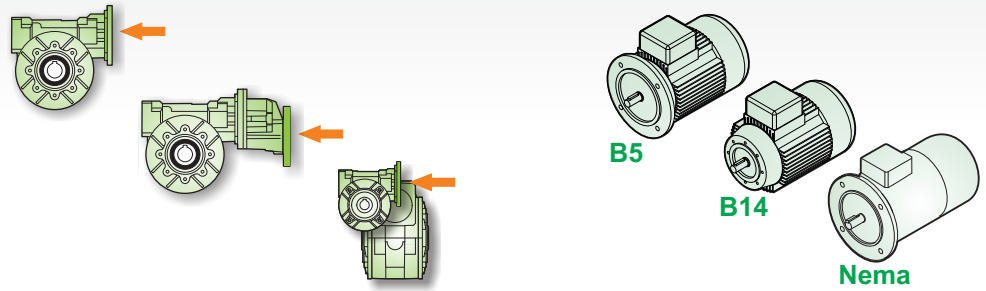


VB1



Motor flange

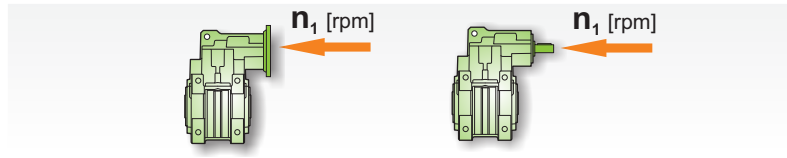
B5 - B14 (IEC)
Nema



	RS	RA	RS/RS
Terminal box position			
X1			
X2			
X3			
X4			

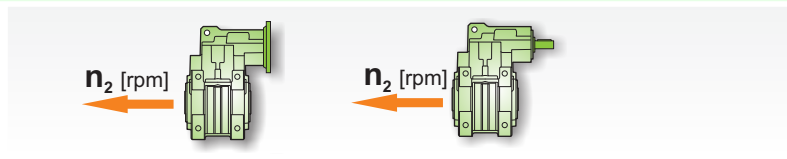
		RN	RO	RV
Input type				
Coupling for electric motor	F version			
	S version			
Input shaft				
Gearmotor				

Input speed

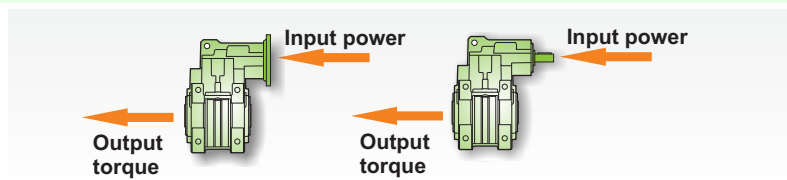


Output speed

$$n_2 = \frac{n_1}{i \text{ (ratio)}}$$



Select by



RN RO RV

Service factor (s.f.)

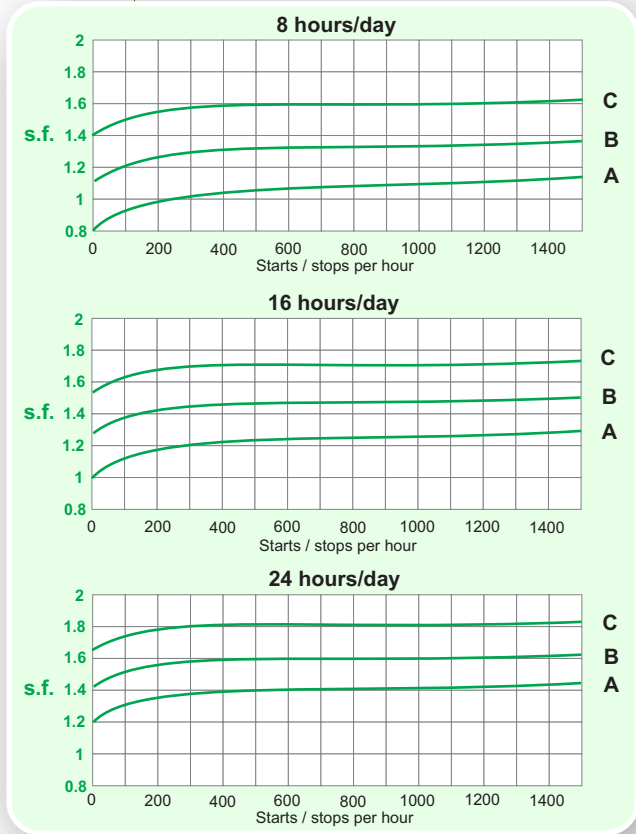
The service factor is defined by the type of prime mover and the type of machine driven by the gear unit. This is an empirical value fixed by the standards through the historic experience of the various applications and takes into account the variations of load, transmission impacts and uncertainty relative to the variation of parameters involved in the transmission of power.

The importance of the machine driven is essential in identifying the s.f. factor, since the motors used in combination with the gear units are normally electric or hydraulic and therefore classed as uniform drive motorizations.

It must be multiplied by the nominal operating torque (or power) in order to obtain the reference torque (or power) to be compared with the catalogue value.

The following table gives some application examples.

- A - Uniform load
- B - Moderate shock load
- C - Severe shock load



Agitators/Mixer	
Pure liquids	A
Liquid and solids	B
Liquid- variable density	B
Clay working machine	
Brick press	C
Briquette machine	C
Compactors	C
Conveyors-general purpose	
Worm conveyor	A
Uniformly loaded or fed	A
Heavy duty	
Not uniform fed	B
Reciprocating or shaker	C
Cranes and Dry dock	
Main Hoist	C
Auxiliary Hoist	C
Boom Hoist	C
Slewing Drive	C
Traction Drive	C
Containers	
Main Hoist	C
Boom Hoist	C
Industrial Duty	
Main	C
Auxiliary	C
Bridge	C
Trolley Travel	C
Crusher	
Stone or ore	C
Dredges	
Cable reel	B
Conveyors	B
Cutter head drives	C
Screen drives	C
Stackers	B

Winches	B
Elevators	
Bucket	B
Escalators	A
Extruders	
General	C
Plastics	
Variable speed drive	C
Fixed speed drive	C
Rubber	
Continuous screw operation	C
Intermittent screw operation	C
Feeders	
Apron	B
Belt	B
Screw	B
Food industry	
Cereal cooker	A
Dough mixer	B
Meat grinders	B
Hoists	
Heavy duty	C
Medium duty	B
Skip hoist	B
Laundry	
Tumblers	B
Washers	C
Lumber industry	
Conveyors-burner	B
Main or heavy duty	C
Main log	C
Slab	C
Transfer	B
Debarking drums	C
Planer feed	B
Transfers -chain	C

Metal mills	
Reversing	C
Slab pushers	C
Shears	C
Wire drawing	B
Wire Winding machine	C
Metal strip processing machinery	
Bridles	B
Coilers & uncoilers	A
Edge trimmers	B
Flatteners	B
Pinch rolls	B
Scrap choppers	B
Shears	C
Slitters	B
Mills rotary type	
Cement Kilns	C
Dryers & coolers	C
Mixer concrete	B
Paper mills	
Agitator (mixer)	C
Agitator for pure liquors	B
Calender	B
Chipper	C
Chip feeder	C
Coating rolls	B
Conveyors	
Chip, bark, chemical	B
Log (including slab)	C
Dryers	
Paper machine	B
Conveyors	C
Extruder	C
Screen	
Chip	C
Rotary	C

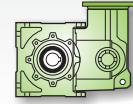
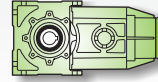
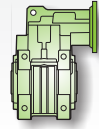
Vibrating	C
Size press	B
Super calendar	B
Thickener (AC motor)	C
Thickener (DC motor)	B
Washer (AC motor)	C
Washer (DC motor)	B
Plastic industry	
Batch mixers	C
Continuous mixers	C
Calenders	C
Rubber industry	
Batch mixers	C
Continuous mixers	C
Calenders	C
Sand muller	B
Sewage disposal equipment	
Bar screens	B
Chemical feeders	B
Dewatering screens	C
Scum breakers	C
Slow or rapid mixers	C
Sludge collectors	B
Thickeners	C
Vacuum filters	C
Screens	
Air washing	A
Rotary-stone or gravel	B
Sugar industry	
Beet slicer	C
Cane knives	C
Crushers	C
Mills (low speed end)	C
Textile industry	
Batchers	B
Calenders	B
Dryers	B

		RN	RO	RV
Input version				
Coupling for electric motor	F version			
	S version			
Output shaft				
AC				
AS LH (Left Hand)				
AS RH (Right Hand)				
AD				
ACC LH (Left Hand)				
ACC RH (Right Hand)				
ACS				

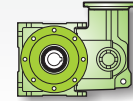
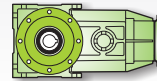
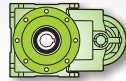
	RN	RO	RV
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Fixing

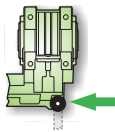
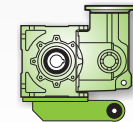
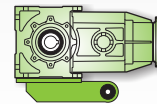
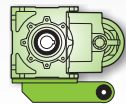
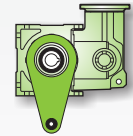
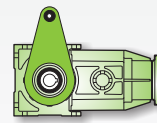
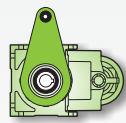
Feet



Output flange



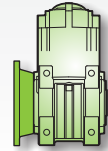
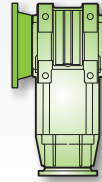
Torque arm



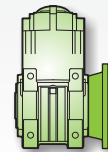
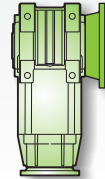
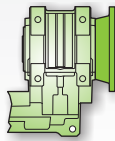
	RN	RO	RV
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Output flange position

LH (Left Hand)

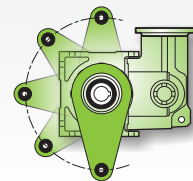
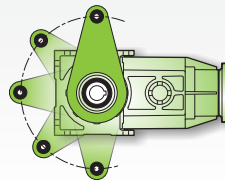
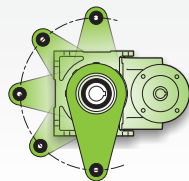


RH (Right Hand)

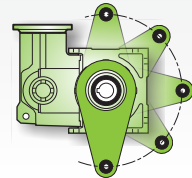
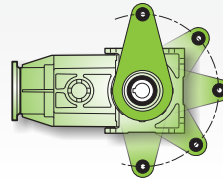
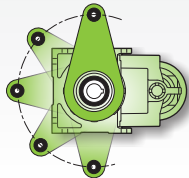


Torque arm position

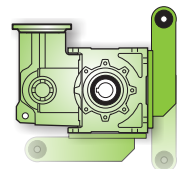
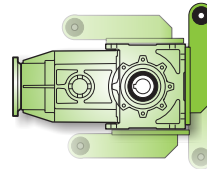
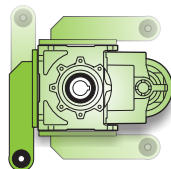
BT LH - BTV LH
(Left Hand)



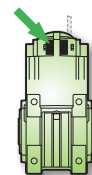
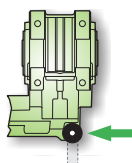
BT RH - BTV RH
(Right Hand)



BTF



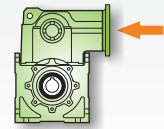
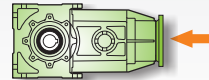
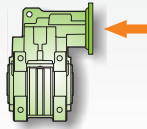
BTA



	RN	RO	RV
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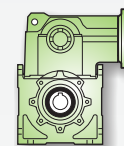
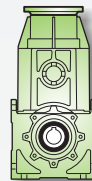
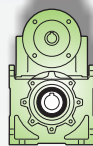
Motor flange

B5 - B14 (IEC)
 Nema

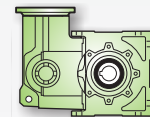
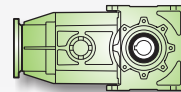
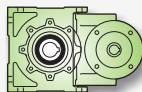


Mounting position

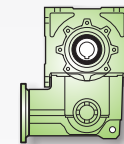
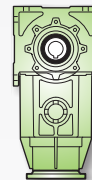
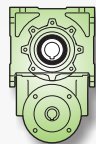
H1



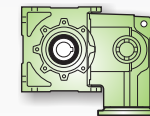
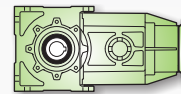
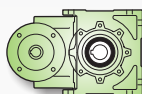
H2



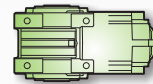
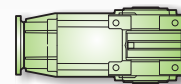
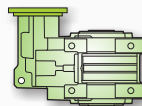
H3



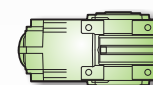
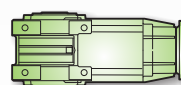
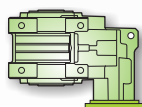
H4



V1

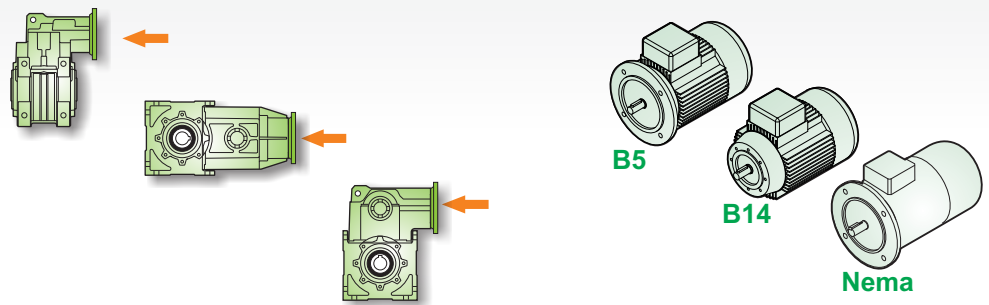


V2



Motor flange

B5 - B14 (IEC)
Nema



Terminal box position

	RN	RO	RV
X1			
X2			
X3			
X4			

R02

Input type

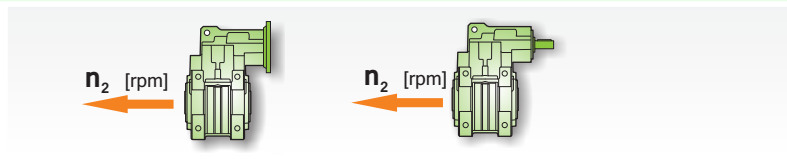
Coupling for electric motor	F version	
	S version	
Input shaft		
Gearmotor		

Input speed

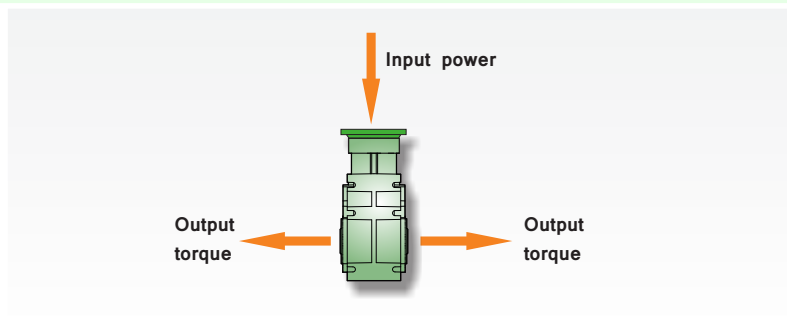


Output speed

$$n_2 = \frac{n_1}{i \text{ (ratio)}}$$



Select by



RN RO RV

Service factor (s.f.)

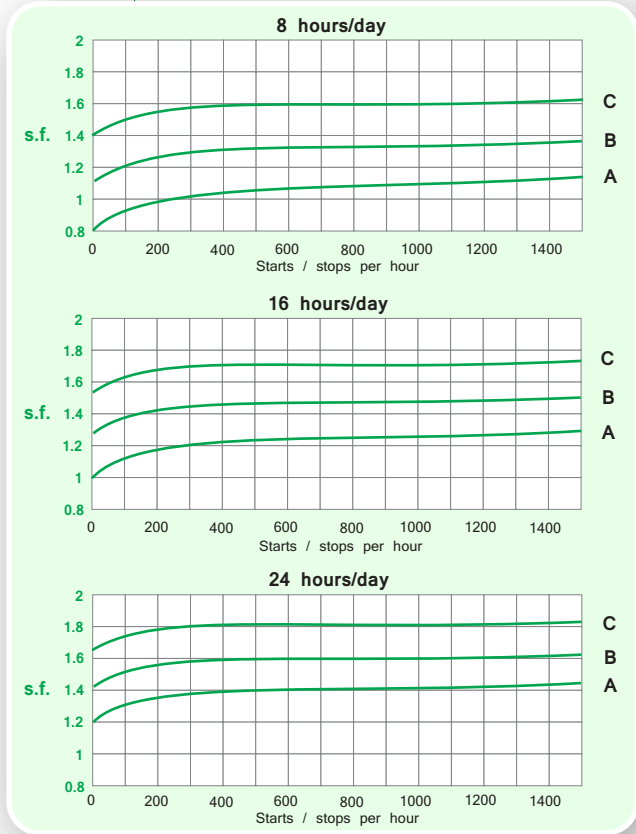
The service factor is defined by the type of prime mover and the type of machine driven by the gear unit. This is an empirical value fixed by the standards through the historic experience of the various applications and takes into account the variations of load, transmission impacts and uncertainty relative to the variation of parameters involved in the transmission of power.

The importance of the machine driven is essential in identifying the s.f. factor, since the motors used in combination with the gear units are normally electric or hydraulic and therefore classed as uniform drive motorizations.

It must be multiplied by the nominal operating torque (or power) in order to obtain the reference torque (or power) to be compared with the catalogue value.

The following table gives some application examples.

- A - Uniform load
- B - Moderate shock load
- C - Severe shock load



Agitators/Mixer	
Pure liquids	A
Liquid and solids	B
Liquid- variable density	B
Clay working machine	
Brick press	C
Briquette machine	C
Compactors	C
Conveyors-general purpose	
Worm conveyor	A
Uniformly loaded or fed	A
Heavy duty	
Not uniform fed	B
Reciprocating or shaker	C
Cranes and Dry dock	
Main Hoist	C
Auxiliary Hoist	C
Boom Hoist	C
Slewing Drive	C
Traction Drive	C
Containers	
Main Hoist	C
Boom Hoist	C
Industrial Duty	
Main	C
Auxiliary	C
Bridge	C
Trolley Travel	C
Crusher	
Stone or ore	C
Dredges	
Cable reel	B
Conveyors	B
Cutter head drives	C
Screen drives	C
Stackers	B

Winches	B
Elevators	
Bucket	B
Escalators	A
Extruders	
General	C
Plastics	
Variable speed drive	C
Fixed speed drive	C
Rubber	
Continuous screw operation	C
Intermittent screw operation	C
Feeders	
Apron	B
Belt	B
Screw	B
Food industry	
Cereal cooker	A
Dough mixer	B
Meat grinders	B
Hoists	
Heavy duty	C
Medium duty	B
Skip hoist	B
Laundry	
Tumblers	B
Washers	C
Lumber industry	
Conveyors-burner	B
Main or heavy duty	C
Main log	C
Slab	C
Transfer	B
Debarking drums	C
Planer feed	B
Transfers -chain	C

Metal mills	
Reversing	C
Slab pushers	C
Shears	C
Wire drawing	B
Wire Winding machine	C
Metal strip processing machinery	
Bridles	B
Coilers & uncoilers	A
Edge trimmers	B
Flatteners	B
Pinch rolls	B
Scrap choppers	B
Shears	C
Slitters	B
Mills rotary type	
Cement Kilns	C
Dryers & coolers	C
Mixer concrete	B
Paper mills	
Agitator (mixer)	C
Agitator for pure liquors	B
Calender	B
Chipper	C
Chip feeder	C
Coating rolls	B
Conveyors	
Chip. bark. chemical	B
Log (including slab)	C
Dryers	
Paper machine	B
Conveyors	C
Extruder	C
Screen	
Chip	C
Rotary	C

Vibrating	C
Size press	B
Super calendar	B
Thickener (AC motor)	C
Thickener (DC motor)	B
Washer (AC motor)	C
Washer (DC motor)	B
Plastic industry	
Batch mixers	C
Continuous mixers	C
Calenders	C
Rubber industry	
Batch mixers	C
Continuous mixers	C
Calenders	C
Sand muller	B
Sewage disposal equipment	
Bar screens	B
Chemical feeders	B
Dewatering screens	C
Scum breakers	C
Slow or rapid mixers	C
Sludge collectors	B
Thickeners	C
Vacuum filters	C
Screens	
Air washing	A
Rotary-stone or gravel	B
Sugar industry	
Beet slicer	C
Cane knives	C
Crushers	C
Mills (low speed end)	C
Textile industry	
Batchers	B
Calenders	B
Dryers	B

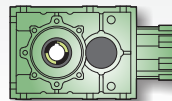
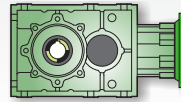
R02

Input version

Coupling for electric motor

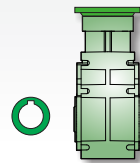
F version

S version

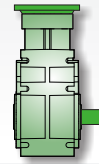


Output shaft

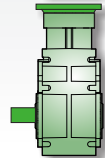
AC



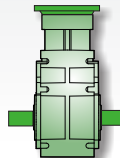
AS LH (Left Hand)



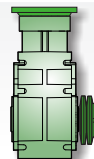
AS RH (Right Hand)



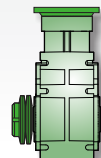
AD



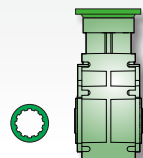
ACC LH (Left Hand)



ACC RH (Right Hand)



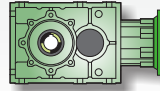
ACS



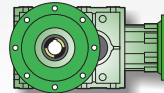
RO2

Fixing

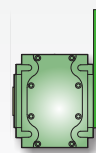
Feet



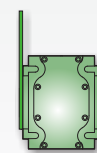
Output flange



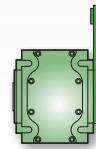
Torque arm



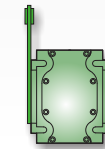
BT LH



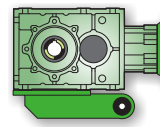
BT RH



BTV LH



BTV RH

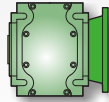


BTF

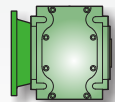
RO2

Output flange position

LH (Left Hand)

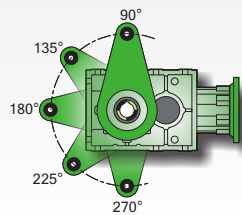


RH (Right Hand)

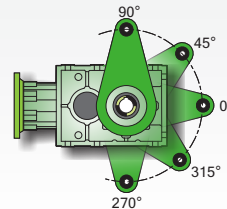


Torque arm position

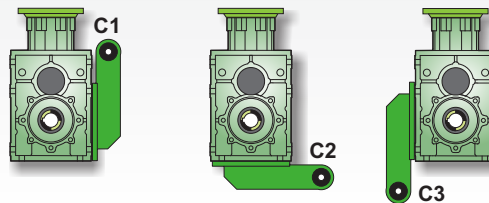
BT LH - BTV LH
 (Left Hand)



BT RH - BTV RH
 (Right Hand)



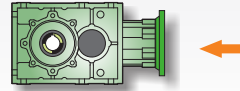
BTF



RO2

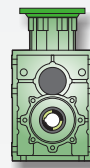
Motor flange

B5 - B14 (IEC)

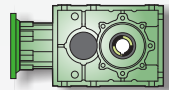


Mounting position

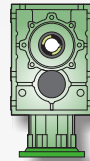
H1



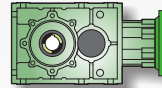
H2



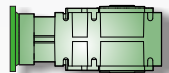
H3



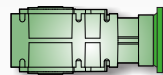
H4



V1

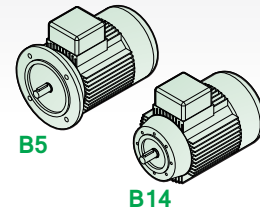
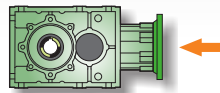


V2



Motor flange

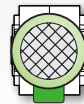
B5 - B14 (IEC)



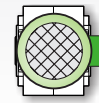
RO2

Terminal box position

X1



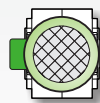
X2



X3



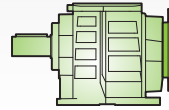
X4



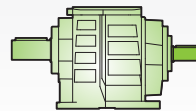
RD

Input type

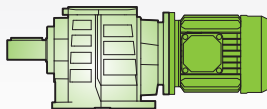
Coupling for electric motor



Input shaft



Gearmotor



Input speed

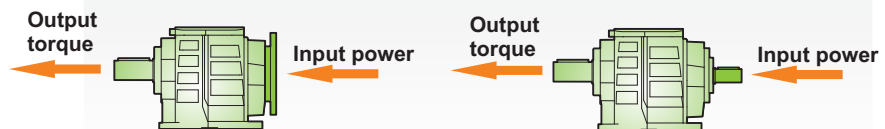


Output speed

$$n_2 = \frac{n_1}{i \text{ (ratio)}}$$



Select by



Service factor (s.f.)

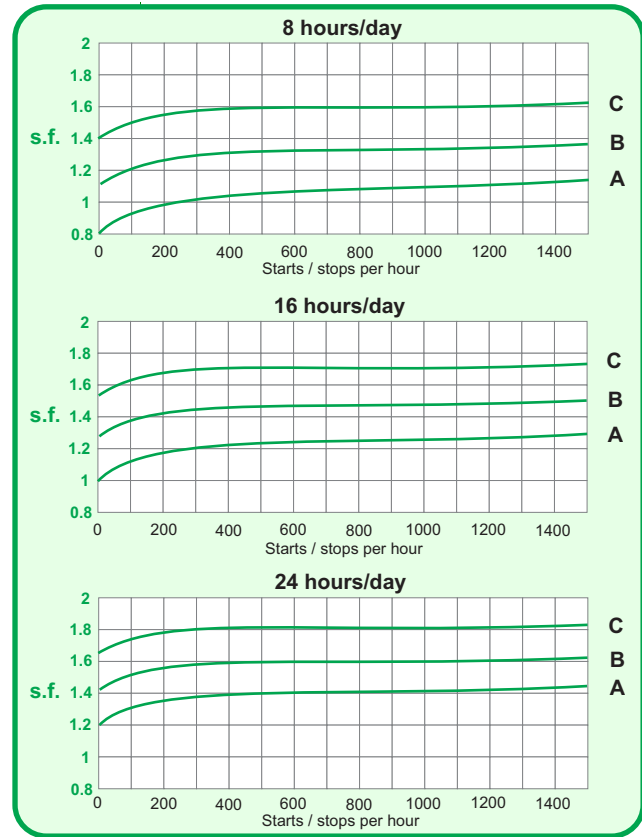
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- C - Severe shock load

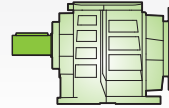


Agitators/Mixer		Winches	B	Metal mills		Vibrating	C
Pure liquids	A	Elevators	B	Reversing	C	Size press	B
Liquid and solids	B	Bucket	B	Slab pushers	C	Super calendar	B
Liquid- variable density	B	Escalators	A	Shears	C	Thickener (AC motor)	C
Clay working machine		Extruders		Wire drawing	B	Thickener (DC motor)	B
Brick press	C	General	C	Wire Winding machine	C	Washer (AC motor)	C
Briquette machine	C	Plastics		Metal strip processing machinery		Washer (DC motor)	B
Compactors	C	Variable speed drive	C	Bridles	B	Plastic industry	
Conveyors-general purpose		Fixed speed drive	C	Coilers & uncoilers	A	Batch mixers	C
Worm conveyor	A	Rubber		Edge trimmers	B	Continuous mixers	C
Uniformly loaded or fed	A	Continuous screw operation	C	Flatteners	B	Calenders	C
Heavy duty		Intermittent screw operation	C	Pinch rolls	B	Rubber industry	
Not uniform fed	B	Feeders		Scrap choppers	B	Batch mixers	C
Reciprocating or shaker	C	Apron	B	Shears	C	Continuous mixers	C
Cranes and Dry dock		Belt	B	Slitters	B	Calenders	C
Main Hoist	C	Screw	B	Mills rotary type		Sand muller	B
Auxiliary Hoist	C	Food industry		Cement Kilns	C	Sewage disposal equipment	
Boom Hoist	C	Cereal cooker	A	Dryers & coolers	C	Bar screens	B
Slewing Drive	C	Dough mixer	B	Mixer concrete	B	Chemical feeders	B
Traction Drive	C	Meat grinders	B	Paper mills		Dewatering screens	C
Containers		Hoists		Agitator (mixer)	C	Scum breakers	C
Main Hoist	C	Heavy duty	C	Agitator for pure liquors	B	Slow or rapid mixers	C
Boom Hoist	C	Medium duty	B	Calendar	B	Sludge collectors	B
Industrial Duty		Skip hoist	B	Chipper	C	Thickeners	C
Main	C	Laundry		Chip feeder	C	Vacuum filters	C
Auxiliary	C	Tumblers	B	Coating rolls	B	Screens	
Bridge	C	Washers	C	Conveyors		Air washing	A
Trolley Travel	C	Lumber industry		Chip. bark. chemical	B	Rotary-stone or gravel	B
Crusher		Conveyors-burner	B	Log (including slab)	C	Sugar industry	
Stone or ore	C	Main or heavy duty	C	Dryers		Beet slicer	C
Dredges		Main log	C	Paper machine	B	Cane knives	C
Cable reel	B	Slab	C	Conveyors	C	Crushers	C
Conveyors	B	Transfer	B	Extruder	C	Mills (low speed end)	C
Cutter head drives	C	Debarking drums	C	Screen		Textile industry	
Screen drives	C	Planer feed	B	Chip	C	Batchers	B
Stackers	B	Transfers -chain	C	Rotary	C	Calenders	B
						Dryers	B

RD

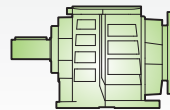
Output shaft

AU

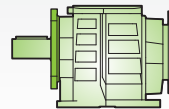


Fixing

Feet



Output flange

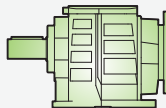


Mounting position

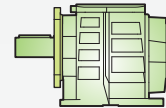
B3

B5

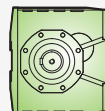
H1



H1



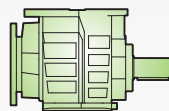
H2



H2



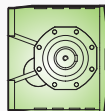
H3



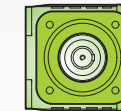
H3



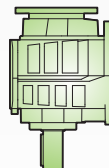
H4



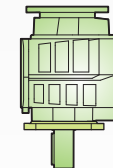
H4



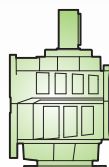
V5



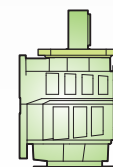
V5



V6

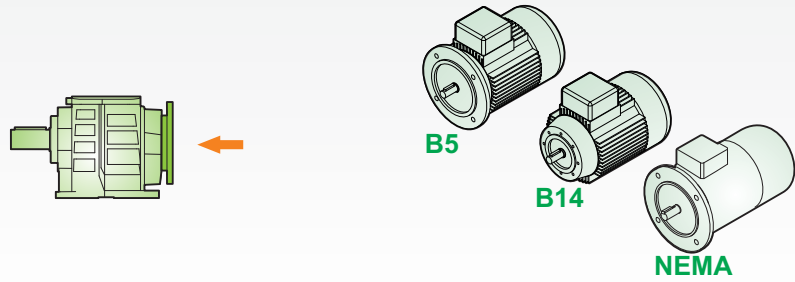


V6



Motor flange

B5 - B14 (IEC)
 Nema

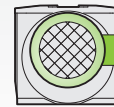


Terminal box position

X1



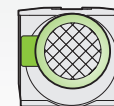
X2



X3

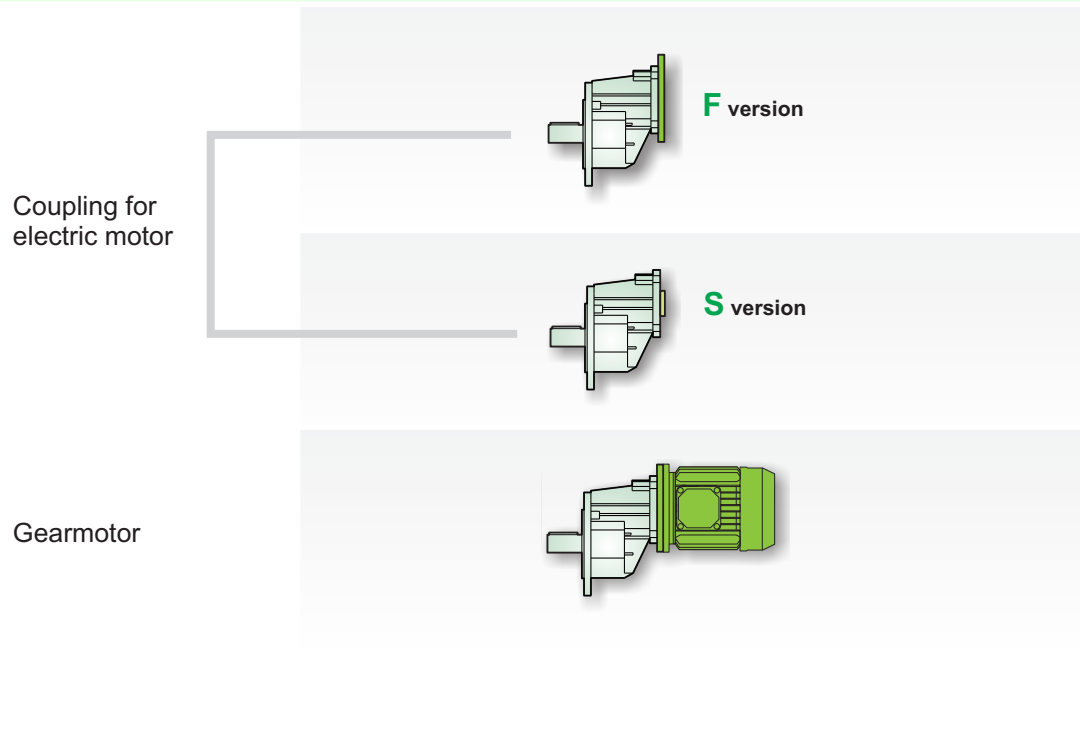


X4

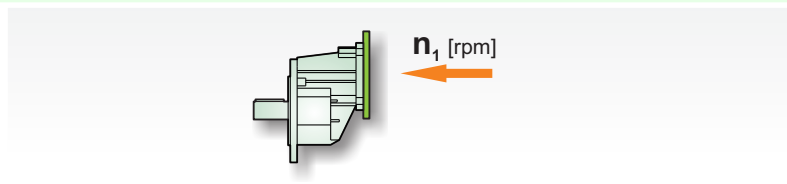


XA

Input type

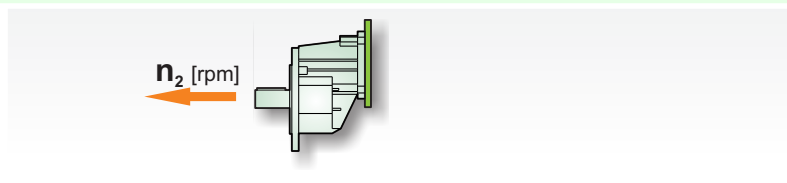


Input speed

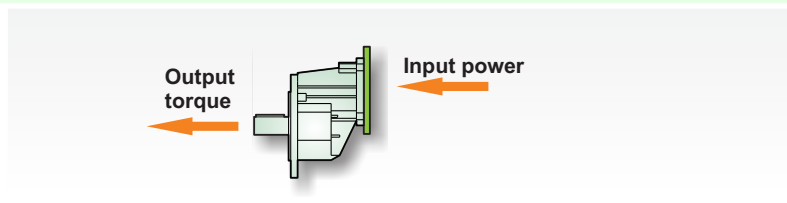


Output speed

$$n_2 = \frac{n_1}{i \text{ (ratio)}}$$



Select by



Service factor (s.f.)

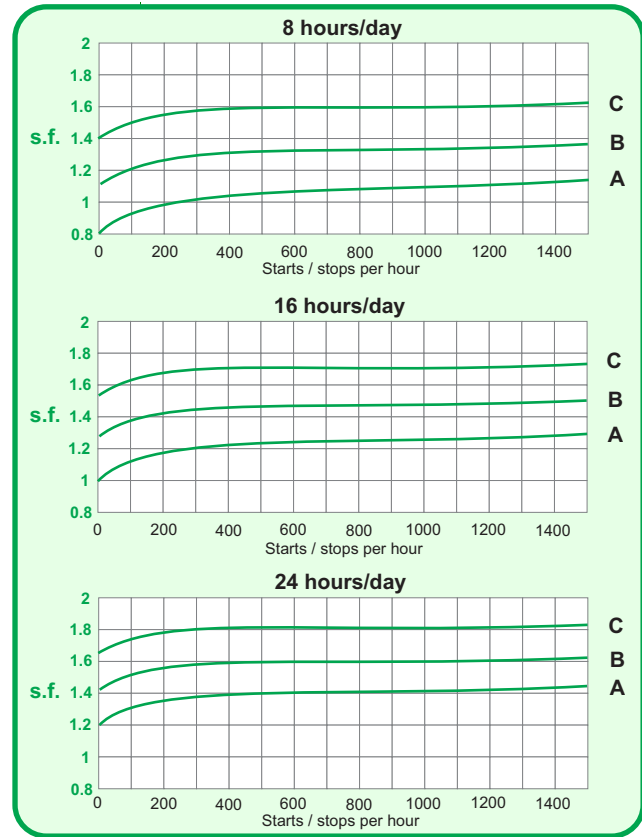
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- B - Moderate shock load
- C - Severe shock load



Agitators/Mixer		Winches	B	Metal mills		Vibrating	C
Pure liquids	A	Elevators	B	Reversing	C	Size press	B
Liquid and solids	B	Bucket	B	Slab pushers	C	Super calendar	B
Liquid- variable density	B	Escalators	A	Shears	C	Thickener (AC motor)	C
Clay working machine		Extruders		Wire drawing	B	Thickener (DC motor)	B
Brick press	C	General	C	Wire Winding machine	C	Washer (AC motor)	C
Briquette machine	C	Plastics		Metal strip processing machinery		Washer (DC motor)	B
Compactors	C	Variable speed drive	C	Bridles	B	Plastic industry	
Conveyors-general purpose		Fixed speed drive	C	Coilers & uncoilers	A	Batch mixers	C
Worm conveyor	A	Rubber		Edge trimmers	B	Continuous mixers	C
Uniformly loaded or fed	A	Continuous screw operation	C	Flatteners	B	Calenders	C
Heavy duty		Intermittent screw operation	C	Pinch rolls	B	Rubber industry	
Not uniform fed	B	Feeders		Scrap choppers	B	Batch mixers	C
Reciprocating or shaker	C	Apron	B	Shears	C	Continuous mixers	C
Cranes and Dry dock		Belt	B	Slitters	B	Calenders	C
Main Hoist	C	Screw	B	Mills rotary type		Sand muller	B
Auxiliary Hoist	C	Food industry		Cement Kilns	C	Sewage disposal equipment	
Boom Hoist	C	Cereal cooker	A	Dryers & coolers	C	Bar screens	B
Slewing Drive	C	Dough mixer	B	Mixer concrete	B	Chemical feeders	B
Traction Drive	C	Meat grinders	B	Paper mills		Dewatering screens	C
Containers		Hoists		Agitator (mixer)	C	Scum breakers	C
Main Hoist	C	Heavy duty	C	Agitator for pure liquors	B	Slow or rapid mixers	C
Boom Hoist	C	Medium duty	B	Calendar	B	Sludge collectors	B
Industrial Duty		Skip hoist	B	Chipper	C	Thickeners	C
Main	C	Laundry		Chip feeder	C	Vacuum filters	C
Auxiliary	C	Tumblers	B	Coating rolls	B	Screens	
Bridge	C	Washers	C	Conveyors		Air washing	A
Trolley Travel	C	Lumber industry		Chip. bark. chemical	B	Rotary-stone or gravel	B
Crusher		Conveyors-burner	B	Log (including slab)	C	Sugar industry	
Stone or ore	C	Main or heavy duty	C	Dryers		Beet slicer	C
Dredges		Main log	C	Paper machine	B	Cane knives	C
Cable reel	B	Slab	C	Conveyors	C	Crushers	C
Conveyors	B	Transfer	B	Extruder	C	Mills (low speed end)	C
Cutter head drives	C	Debarking drums	C	Screen		Textile industry	
Screen drives	C	Planer feed	B	Chip	C	Batchers	B
Stackers	B	Transfers -chain	C	Rotary	C	Calenders	B
						Dryers	B

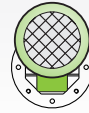
Motor flange

B5 - B14 (IEC)



Terminal box position

X1



X2



X3



X4

