1.0 МОНТИРУЕМЫЕ НА ВАЛУ ЦИЛИНДРИЧЕСКИЕ РЕДУКТОРЫ

PM
PR, PC

1.1 Caratteristiche tecniche

La progettazione di questi riduttori è stata impostata su una struttura monolitica particolarmente rigida che permette l'applicazione di elevati carichi.
I riduttori – motoriduttori paralleli o pendolari possono essere a 2 o 3 stadi.

1.1 Technical characteristics

The design of this series of gearboxes has been set up on a very rigid monolithic structure enabling the application of heavy loads.

1.1 Технические характеристики

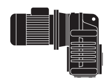
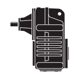
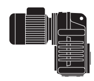
Редукторы и мотор-редукторы данного типа сконструированы в цельном неразъемном корпусе, способном воспринимать повышенные нагрузки.

1.2 Designazione

1.2 Designation

1.2 Маркировка

	Versione *Version* Исполнение	Grand. *Size* Габарит	Tipo *Type* Тип	*1	* 2	*3	*4	ir	IEC	Tipo *Type* Тип	Grand. *Size* Габарит	Lunghezza *Lenght* Типоразмер	Designazione Motori *Designation Motors* Маркировка моторов CT18IGBD1 — Esempio / *Example* / Пример
PM	P	63	—	—	—	—	—	Vedi tabelle prestazioni *See performance tables* См. таблицу характеристк	80 (B5) 80 (B14)				**PMP 63 1: 24.1 80 B5** **PMF 63 1: 24.1 80 B5**
				B									
		71	F1	C						T TA .... H	56 315	A .... ML	**PMP 71 - 1:14.0 - T 56 A 4 B5** **PMF 71 - 1:14.0 - T 56 A 4 B5**
				N	Diametro foro opzionale								
		90		D									
				DB									
		112	F2	CD			O						
PR	F			FD	*Optional hollow shaft diameter*								**PRP 90 P 1: 125.0** **PRF 90 P 1: 125.0**
		125		FDB		S							
			P	Q			A						
PC*	E5			QL	Опциональный диаметр выходного вала					T TA .... H	56 315	A .... ML	**PCP 112 - 1:44.7 - T 56 A 4 B5** **PCF 112 - 1:44.7 - T 56 A B5**

N.B.
* Non sono previste le versioni PC 125.

NOTE.
** We don't supply the following type: PC 125.*

ПРИМЕЧАНИЕ
* Не изготавливаются типы: PC 125

P = **Riduttori e motoriduttori paralleli /** ***Parallel shaft gearboxes and motorgearboxes*** **/ Цилиндрические редукторы и мотор-редукторы.**
F = **Riduttori e motoriduttori pendolari /** ***Shaft mounted gearboxes and motorgearboxes*** **/ Монтируемые на валу редукторы и мотор-редукторы.**

Specifiche:

- **[*1] Albero uscita**:
  Nessuna indicazione = albero forato;
  B = albero bisporgente integrale
  C = albero forato con calettatore
  N = Sporgente Integrale
  D = Sporgente Scanalato
  DB = Bisporgente integrale Scanalato
  CD = Albero forato Scanalato
  FD = Flangia brocciata
  FDB = Flangia brocciata Bisporgente
  QL = Quick Locking
  L = Predisposizione "Quick Locking "

Specification:

- ***[*1] Output shaft**:*
  No indication = shaft with keyway;
  ***B** = Double integral output shaft*
  ***C** = hollow shaft with shrink disk*
  ***N** = Output shaft*
  ***D** = Splined output shaft*
  ***DB** =Double splined shaft*
  ***CD** =Splined hollow shaft*
  FD = *Broached flange*
  FDB =*Double broached flange*
  QL = Quick Locking
  L = Adjustement "Quick Locking "

Спецификация::

- **[*1] Выходной вал:**
  Не указано = Полый с **пазом**
  B = Двойной цилиндрический
  C = Полый со стяжной муфтой
  N = Выходной вал
  D = Односторонний шлицевой вал
  DB = Двусторонний шлицевой вал
  CD = Шлицевой полый вал
  FD = Фланцевый
  FDB =Двусторонний фланцевый
  QL = Quick Locking
  L = Подготовлен для "Quick Locking"

1.2 Designazione

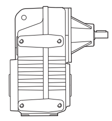
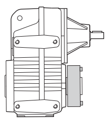
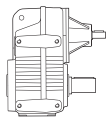
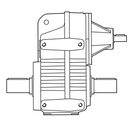
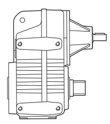
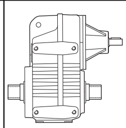
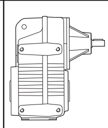
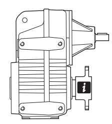
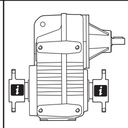
- **[*2] Diametro albero**:
  Vedi tabella .

1.2 Designation

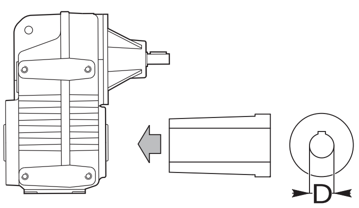
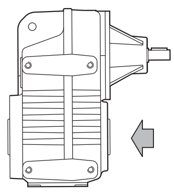
- ***[*2] Shaft diameter***:
  See table .

1.2 Маркировка

- **[*2] Диаметр выходного вала**:
  Смотри таблицу.

Grandezza *Size* Габарит	[*3]										
	-		C		N	B	D	DB	CD	FD	FDB
											
	Albero forato *Shaft with keyway* Полый вал со шпоночным пазом		Albero forato con calettatore *Hollow shaft with shrink disc* Полый вал со стяжной муфтой		Sporgente Integrale *Output shaft* Цилиндрический вал	Bisporgente integrale *Double output shaft* Двусторонний цилиндрический вал	Sporgente Scanalato Splined output shaft Шлицевой	Bisporgente integrale Scanalato Double splined shaft Двусторонний шлицевой	Albero forato Scanalato Splined hollow shaft Шлицевой полый вал	Flangia brocciata *Broached flange* Фланцевый	Flangia brocciata Bisporgente Double broached Двусторонний фланцевый
	Стандарт	Опция	Стандарт	Опция	Стандарт Опция		.				
	-	...	C	C...	N	B	D	DB	CD	FD	FDB
63	∅ 30	∅ 25 ∅ 28	∅ 30	-	∅ 30 Стандарт		DIN 5482 28 x 25		DIN 5482 28 x 25	-	
71	∅ 35	∅ 30 ∅ 32	∅ 35		∅ 35 Стандарт		DIN 5482 35 x 31		DIN 5482 35 x 31	-	
90	∅ 40	∅ 42 ∅ 45 ∅ 48	∅ 40		∅ 40 Стандарт		DIN 5482 40 x 36		DIN 5482 40 x 36	-	
112	∅ 50	∅ 55	∅ 50		∅ 50 Стандарт		DIN 5482 50 x 45		DIN 5482 50 x 45	DIN 5482 50 x 45	
125	∅ 55	∅ 60 ∅ 50	∅ 55		∅ 55 Стандарт		DIN 5482 70 x 64		DIN 5482 55 x 50	DIN 5482 70 x 64	

*Contattare il ns. servizio tecnico / *Contact our technical dept /* Свяжитесь с нашим техническим отделом

Grandezza *Size* Габарит	QL	L
	 "Quick Locking "	 Predisposizione "Quick Locking " Adjustement "Quick Locking " Подготовлен для "Quick Locking "
71	∅ 20 - ∅ 25 - ∅ 30	Contattare nostro ufficio tecnico commerciale Please, contact our technical sales dept. Пожалуйста, свяжитесь с нашим терхнический отделом
90	∅ 25 - ∅ 30 - ∅ 35 - ∅ 40 - ∅ 45	
112	∅ 30 - ∅ 35 - ∅ 40 - ∅ 45 - ∅ 50	
125	∅ 35 - ∅ 40 - ∅ 45 - ∅ 50 - ∅ 55	

- **[*3] Posizione Albero:**
  Nessuna indicazione = lato destro (standard);
  S = lato sinistro, montaggio dalla parte opposta (opzionale).

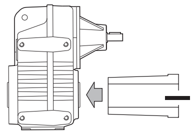
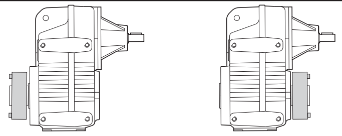
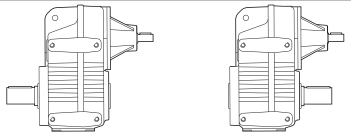
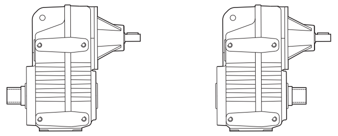
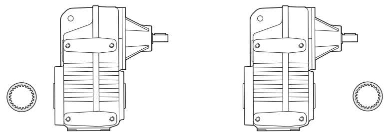
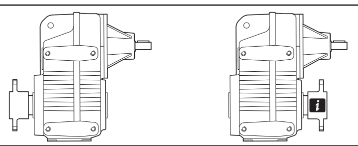
- ***[*3] Mounting Shaft:***
  No indication (standard) = on right side;
  ***S** = on left side, on the opposite.*

- **[*3] Положение вала:**
  Не указано (Стандарт) = справа;
  S = слева.

1.2 Designazione

1.2 Designation

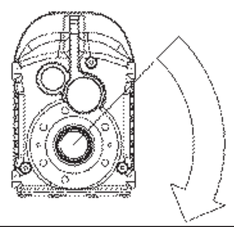
1.2 Маркировка

Quick Locking	QL	 –
Albero forato con calettatore *Hollow shaft with shrink disc* Полый со стяжной муфтой	C	S  –
Sporgente Integrale *Output shaft* Цилиндрический вал	N	S  –
Sporgente Scanalato Splined output shaft Шлицевой	D	S  –
Albero forato Scanalato Splined hollow shaft Полый шлицевой	CD	S  –
Flangia brocciata *Broached flange* Фланцевый	FD	S  –

- **[*4] Senso di rotazione (valido solo se richiesto dispositivo antiretro):**
  O = ORARIO (il riduttore può ruotare solo in senso orario visto dal lato destro come in figura)
  A = ANTIORARIO.

- ***[*4] Rotation sense (only necessary for solution with backstop device):***
  O *= CLOCKWISE (looking at the gearbox from the perspective shown below)*
  A *= ANTICLOCKWISE.*

- **[*4] Направление вращения (только для ограничителей обратного хода):**
  О = по часовой стрелке
  А = против часовой стрелки



Altre specifiche:

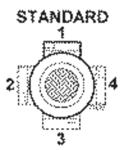
- **[M1, M2, M3, M4, M5]** Posizioni di montaggio con indicazione dei tappi di livello, carico e scarico; se non specificato si considera standard la posizione **M6** (vedi par. 1.4).
- **[T]** Dispositivo antivibrante (solamente per versione PENDOLARE :vedi par. 1.9).
- **[2 o 3 o 4]** Posizione della morsettiera del motore se diversa da quella standard (1).

Further specification:

- ***[M1, M2, M3, M4, M5]*** *Mounting position with indication of breather, level and drain plugs; if not specified, standard position is* ***M6*** *(see par. 1.4).*
- ***[T]*** *Rubber buffer (only for shaft mounted version see par. 1.9).*
- ***[2 o 3 o 4]*** *Position of the motor terminal box if different from the standard one [1] (for gearmotors)*

Другие спецификации:

- Если при заказе монтажное положение не указано, редуктор будет оснащен пробками для стандартного монтажного положения **М6** (см.Часть 1.4).
- **[T]** Резиновая втулка (только для монтируемых на валу: см.Часть 1.9).
- Положения клемной коробки [2 , 3 , 4], отличаются от стандартного положения [1]



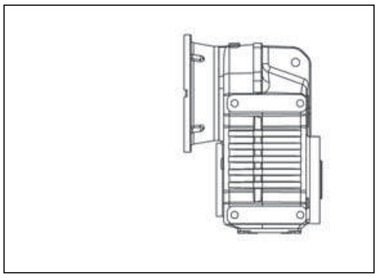
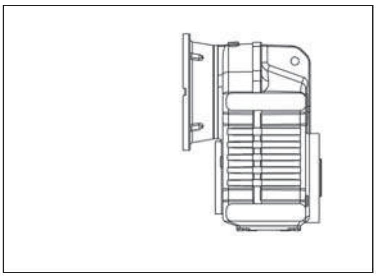
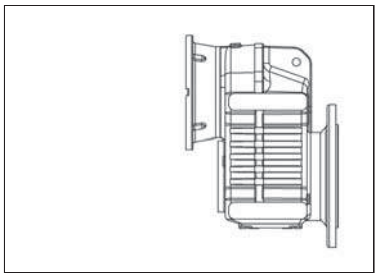
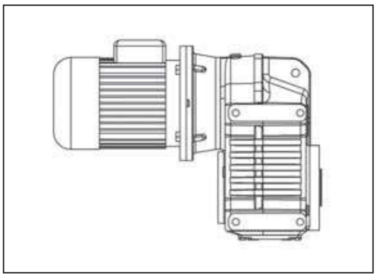
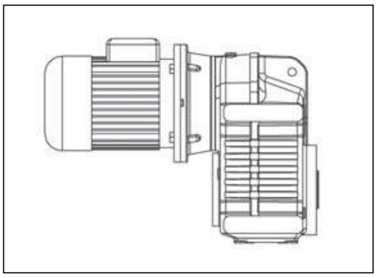
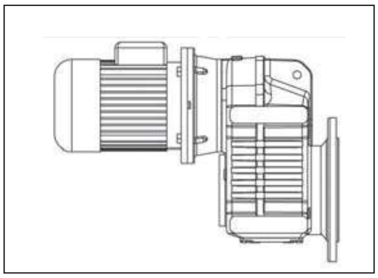
Posizione morsettiera
Terminal board position
Положение клеммной коробки

1.3 Versioni

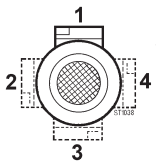
1.3 Versions

1.3 Исполнения

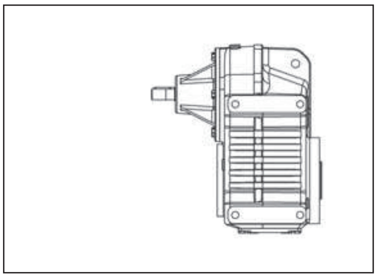
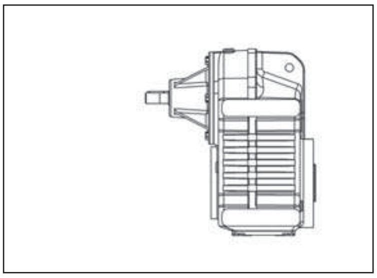
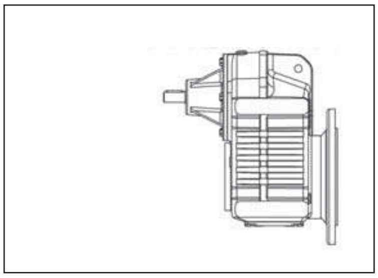
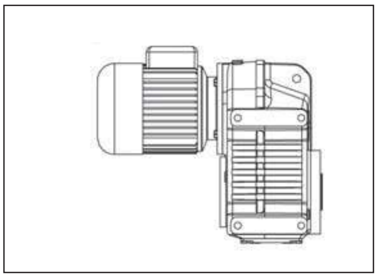
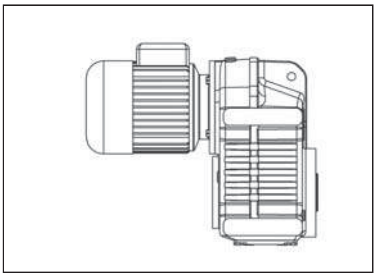
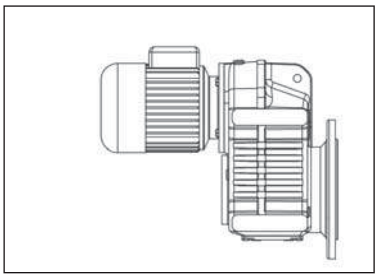
5

	P.P	P.F	P.P P - P. P F P.F P - P. F F
PM. (IEC) **63 — 125**			
PM. (kW) **63 — 125**			

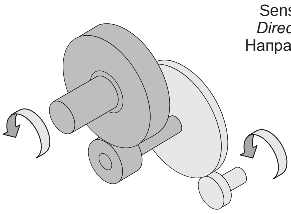
1– STANDARD



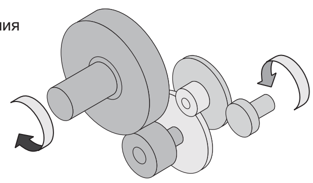
Posizione morsettiera
Terminal board position
Положение клеммной коробки

PR. **63 — 125**			
PC. **63 — 112**			

Senso di rotazione
Direction of rotation
Направление вращения



2 stadi/*stages*/ступени



3 stadi/*stages*/ступени

E

1.4 Lubrificazione

Generalità

Si consiglia l'uso di oli a base sintetica. (Vedere a tale proposito le indicazioni riportate nel capitolo A, paragrafo 1.6).
Nella Tab. 4.2 sono riportati i quantitativi di olio necessari per il corretto funzionamento dei riduttori.

Prescrizioni in fase d'ordine e stato di fornitura

I riduttori della grandezza 63, 71 è forniti completi di olio sintetico di viscosità ISO 320. Per questi riduttori **è necessario** specificare la posizione di montaggio.
I riduttori nelle grandezze 90, 112 sono forniti predisposti per lubrificazione ad olio ma privi di lubrificante il quale potrà essere fornito a richiesta.
Per questi riduttori **è necessario** specificare la posizione di montaggio.

1.4 Lubrication

General information

The use of synthetic oil is recommended (see details in Chapter A, paragraph 1.6).
Tab. 4.2 shows the quantities of oil required for correct parallel-shaft mounted gearbox performance.

Ordering phase requirements and state of supply

*Size 63, 71 gearbox is supplied with ISO 320 viscosity synthetic oil. **It is necessary** to specify mounting position of this gearbox.*
Size 90 and 112 . parallel - shaft mounted gearboxes are supplied pre-arranged for oil lubrication but without lubricant that can be requested separately.
***It is necessary** to specify the mounting position with these gearboxes.*

1.4 Смазка

Общая информация

Рекомендуется использовать синтетические масла (см. Главу А, параграф 1.4.). Таблица 4.2 отображает необходимое количество масла в зависимости от монтажного положения

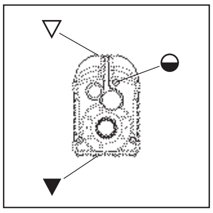
Условия к заказу изделия

Редукторы 63, 71 типоразмеров поставляются заправленными синтетическим маслом вызкостью ISO 320 сСт., **необходимо** указывать их монтажное положение.
Редукторы 90, 112, 125 типоразмеров поставляются без смазки, которая должна быть заказана отдельно. **Необходимо** указать требуемое монтажное положение для данных редукторов.

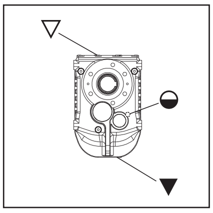
Posizioni di montaggio

Mounting positions

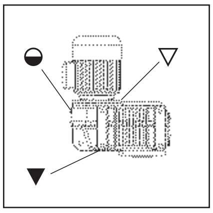
Монтажные положения



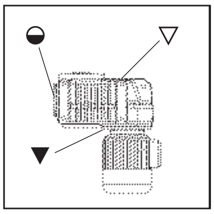
M1



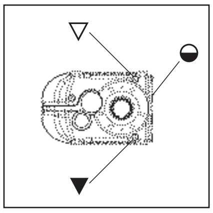
M2



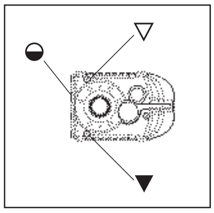
M3



M4

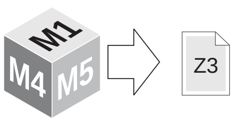


M5



M6

▽ Carico / *Breather plug* / Воздушный клапан
◒ Livello / *Level plug* / Уровневая пробка
▼ Scarico / *Drain plug* / Сливная пробка



Tab. 4.2

Quantità di lubrificante / *Lubricant Quantity* / Количество смазки (кг)									
PM PR - PC	Posizioni di montaggio /*Mounting Positions /* Монтажные положения							* n°. tappi olio ** No.of plugs* Кол-во пробок	Posizione di montaggio *Mounting position* Указание монтажа
	M1	M2	M3	M4	M5	M6	Stato di fornitura *State of supply* Состояние поставки		
63	1.25	0.9	1.3	1.15	0.9		Riduttori forniti completi di olio sintetico *Gearboxes suplied with synthetic oil* Редукторы поставляются заправленными синтетическим маслом	1	**Necessaria** ***Necessary*** **Необходимо**
71	2.1	1.75	2.3	2.0	1.6			1	**Necessaria** ***Necessary*** **Необходимо**
90	3.3	2.8	3.8	3.7	2.65		Riduttori predisposti per lubrificazione ad olio *Gearboxes suplied ready for oil lubrication* Редукторы подготовленные к смазке	6	
112	7.3	7.1	8.0	7.0	6.0			6	
125	8.5	7.5	8.7	8.5	6.0			6	
Le quantità di olio sono approssimative; per una corretta lubrificazione occorre fare riferimento al livello segnato sul riduttore.					*Oil quantities listed in the table are approximate; to ensure correct lubrication, please refer to the level mark on the gear unit.*			Приведенные значения необходимого количества масла приблизительны. При заправке редуктора маслом ориентируйтесь по пробке уровня масла.	

ATTENZIONE

A) Se in fase d'ordine la posizione di montaggio è omessa, il riduttore verrà fornito con i tappi predisposti per la posizione M1.
B) Il tappo di sfiato è allegato solo nei riduttori che hanno più di un tappo olio.
C) Eventuali forniture con predisposizioni tappi diverse da quella indicata in tabella, dovranno essere concordate.
D) Nei riduttori dove è necessario specificare la posizione di montaggio, la posizione richiesta è indicata nella targhetta del riduttore.

WARNING

A) It is necessary to specify the mounting position when ordering. If the mounting position is not specified in the ordering phase, the gearbox supplied will have plugs pre-arranged for position M1.
B) A breather plug is supplied only with gearboxes that have more than one oil plug.
C) The supply of gearboxes with different plug pre-arrangements has to be agreed with the manufacturer.
D) The gearboxes that need a specific assembling position have the indication of it on the label of the gearbox.

ВНИМАНИЕ

A) Если при заказе монтажное положение не было указано, редуктор будет укомплектован пробками для монтажной позиции M1.

B) Воздушными клапанами комплектуются только редукторы, имеющие более, чем одну пробку.

C) Иные варианты установки пробок должны быть согласованы с производителем

D) Для редукторов, в маркировке которых необходимо указывать монтажное положение, оно указывается на заводской табличке.

1.5 Carichi radiali e assiali

Quando la trasmissione del moto avviene tramite meccanismi che generano carichi radiali sull'estremità dell'albero, è necessario verificare che i valori risultanti non eccedono quelli indicati nelle tabelle.
Nella Tab. 4.3 sono riportati i valori dei carichi radiali ammissibili per l'albero veloce (Fr_1). Come carico assiale ammissibile contemporaneo si ha:

$$Fa_1 = 0.2 \times Fr_1$$

In Tab. 4.4 sono riportati i valori dei carichi radiali ammissibili per l'albero lento (Fr_2) .
Come carico assiale ammissibile contemporaneo si ha:

$$Fa_2 = 0.2 \times Fr_2$$

1.5 Axial and overhung load

Should transmission movement determine radial loads on the angular shaft end, it is necessary to make sure that resulting values do not exceed the ones indicated in the tables.
In Table 4.3 permissible radial load for input shaft are listed (Fr_1). Contemporary permissible axial load is given by the following formula:

$$Fa_1 = 0.2 \times Fr_1$$

In Table 4.4 permissible radial loads for output shaft are listed (Fr_2).
Permissible axial load is given by the following formula:

$$Fa_2 = 0.2 \times Fr_2$$

1.5 Радиальная и осевая нагрузки

При передаче вращения через механизмы, создающие радиальную нагрузку на вал (шкивы, муфты, звездочки), необходимо проверить, чтобы значения этих нагрузок не превышали указанные в таблице.
В таблице 4.3 приведены допустимые радиальные нагрузки (Fr_1) для входного вала. Для определения допустимой аксиальной нагрузки используйте формулу:

$$Fa_1 = 0.2 \times Fr_1$$

В таблице 2.3 приведены допустимые радильной нагрузки (Fr_1) для входного вала. Для определения допустимой аксиальной нагрузки используйте формулу:

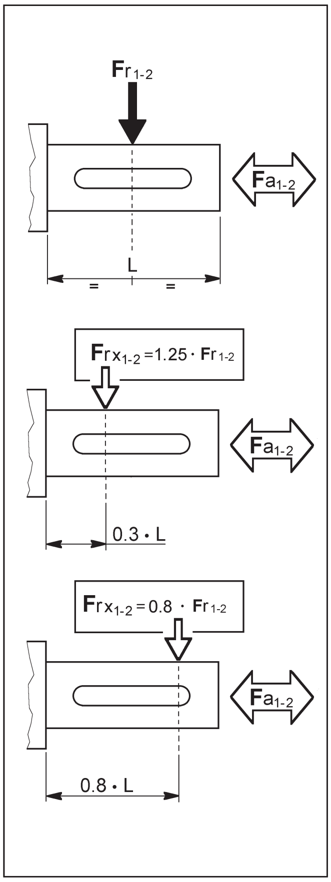
$$Fa_2 = 0.2 \times Fr_2$$

Tab. 4.3

n_1 [min^{-1}]	Fr_1 [N]								
	PR.								
	63/2	63/3	71/2	71/3	90/2	90/3	112/2	112/3	125/2
2800	200	550	600	600	600	1300	800	1400	1000
1400	400	700	900	800	700	1500	1400	1800	1200
900	400	800	1100	1000	800	1600	1500	2100	1300
500	400	950	1300	1200	900	1800	1800	2600	1500

Tab. 4.4

n_2 [min^{-1}]	Fr_2 [N]				
	PM. - PR. - PC.				
	63	71	90	112	125
1100	—	3000	6500	—	—
950	1400	3050	7000	7600	—
775	1450	3100	7200	7900	—
625	1500	3230	7600	8300	—
500	1580	3340	7900	8800	10000
400	1660	3450	8300	9200	10500
320	1720	3550	8900	9800	11200
260	1750	3600	9000	10400	12000
200	1800	4100	9000	10800	12500
160	1950	4300	9000	11400	13000
125	2200	4600	9000	12000	14000
90	2400	4900	9000	13000	16000
60	2600	5000	9300	13800	18000
40	2800	5000	10000	15300	20000
25	3100	6000	11200	16500	20000
16	3800	6600	11500	17000	20000
10	4500	6600	11500	17400	20000



I carichi radiali indicati nelle tabelle si intendono applicati a metà della sporgenza dell'albero lento standard (vedi fig. 8.14) e sono riferiti ai riduttori operanti con fattore di servizio 1. Valori intermedi relativi a velocità non riportate possono essere ottenuti per interpolazione considerando però che Fr_1 a 500 min^{-1} e Fr_2 a 5 min^{-1} rappresentano i carichi massimi consentiti. Per i carichi non agenti sulla mezzeria dell'albero lento o veloce si ha:

a 0.3 della sporgenza:

$$Fr_x = 1.25 \times F_{r1-2}$$

a 0.8 dalla sporgenza:

$$Fr_x = 0.8 \times F_{r1-2}$$

The radial loads shown in the tables are applied on the middle of standard shaft extensions (see fig.8.14). Base of these values is a service factor 1.
Values for speeds that are not listed can be obtained through interpolation but it must be considered that Fr_1 at 500 min^{-1} and Fr_2 at 5 min^{-1} represent the maximum allowable loads.
For radial loads which are not applied on the middle of the shafts, the following values can be calculated:

at 0.3 from extension:

$$Fr_x = 1.25 \times F_{r1-2}$$

at 0.8 from extension:

$$Fr_x = 0.8 \times F_{r1-2}$$

Радиальные нагрузки указанные в таблицах соответствуют точке приложения усилия к центру вала и применимы к редукторам с сервис-фактором 1. Не указанные промежуточные значения скоростей, могут быть получены путем интерполяции, но необходимо учитывать, что Fr_1 при 500 min^{-1} и Fr_2 при 5 min^{-1} представляют собой максимально допустимые нагрузки. Значения нагрузок, которые приложены не по осевой линии выходного вала могут быть будут получены расчетом:

При 0.3L:

$$Fr_x = 1.25 \times F_{r1-2}$$

При 0.8L:

$$Fr_x = 0.8 \times F_{r1-2}$$

1.6 Prestazioni riduttori PR

1.6 PR gearboxes performances

1.6 Характеристики редукторов PR

PR 63/2

Kg 9.0

ir	n_1 = 2800 min^{-1}				n_1 = 1400 min^{-1}				n_1 = 900 min^{-1}				n_1 = 500 min^{-1}				IEC
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
3.0	935.6	77	7.9	95	467.8	80	4.1	95	300.7	85	2.8	95	167.1	88	1.6	95	112 B5 112 B14 100 B5 100 B14 90 B5 90 B14 80 B5 80 B14 71 B5 63 B5
3.9	719.9	90	7.1	95	360.0	110	4.4	95	231.4	115	2.9	95	128.6	120	1.7	95	
4.3	645.0	95	6.8	95	322.5	130	4.6	95	207.3	135	3.1	95	115.2	140	1.8	95	
5.0	557.0	110	6.8	95	278.5	140	4.3	95	179.0	150	3.0	95	99.5	155	1.7	95	
5.6	499.0	125	6.9	95	249.5	160	4.4	95	160.4	170	3.0	95	89.1	180	1.8	95	
6.2	452.2	130	6.5	95	226.1	160	4.0	95	145.3	175	2.8	95	80.7	180	1.6	95	
6.5	431.2	135	6.4	95	215.6	170	4.0	95	138.6	185	2.8	95	77.0	195	1.7	95	
7.4	379.1	140	5.9	95	189.6	180	3.8	95	121.9	190	2.6	95	67.7	200	1.5	95	
8.0	347.9	150	5.8	95	174.0	200	3.8	95	111.8	215	2.7	95	62.1	230	1.6	95	
9.0	311.7	165	5.7	95	155.9	210	3.6	95	100.2	230	2.5	95	55.7	250	1.5	95	
10.4	269.4	180	5.3	95	134.7	220	3.3	95	86.6	240	2.3	95	48.1	255	1.4	95	
11.8	236.9	190	5.0	95	118.4	235	3.1	95	76.1	255	2.1	95	42.3	255	1.2	95	
13.5	206.9	205	4.7	95	103.4	250	2.9	95	66.5	255	1.9	95	36.9	255	1.0	95	
14.4	194.8	190	4.1	95	97.4	220	2.4	95	62.5	230	1.6	95	34.8	240	0.9	95	
16.9	166.1	230	4.2	95	83.0	250	2.3	95	53.4	255	1.5	95	29.7	255	0.8	95	
19.8	141.3	230	3.6	95	70.7	250	1.9	95	45.4	255	1.3	95	25.2	255	0.7	95	
20.5	136.6	210	3.2	95	68.3	230	1.7	95	43.9	240	1.2	95	24.4	250	0.7	95	
24.1	116.2	210	2.7	95	58.1	230	1.5	95	37.3	245	1.0	95	20.7	250	0.6	95	
26.1	107.3	220	2.6	95	53.6	240	1.4	95	34.5	250	1.0	95	19.2	255	0.5	95	
31.7	88.2	220	2.1	95	44.1	240	1.2	95	28.4	250	0.8	95	15.8	250	0.4	95	
36.6	76.6	225	1.9	95	38.3	250	1.1	95	24.6	250	0.7	95	13.7	250	0.4	95	

PR 63/3

Kg 9.0

ir	n_1 = 2800 min^{-1}				n_1 = 1400 min^{-1}				n_1 = 900 min^{-1}				n_1 = 500 min^{-1}				IEC
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
43.4	64.6	220	1.6	93	32.3	250	0.9	93	20.7	250	0.6	93	11.5	250	0.3	93	80 B5 80 B14 71 B5 63 B5
47.0	59.6	200	1.3	93	29.8	250	0.8	93	19.2	255	0.6	93	10.6	255	0.3	93	
53.3	52.5	220	1.3	93	26.3	250	0.7	93	16.9	255	0.5	93	9.4	255	0.3	93	
57.2	48.9	230	1.3	93	24.5	250	0.7	93	15.7	255	0.5	93	8.7	255	0.3	93	
61.8	45.3	230	1.2	93	22.7	250	0.6	93	14.6	255	0.4	93	8.1	255	0.2	93	
69.6	40.2	240	1.1	93	20.1	250	0.6	93	12.9	250	0.4	93	7.2	250	0.2	93	
75.4	37.1	240	1.0	93	18.6	250	0.5	93	11.9	255	0.3	93	6.6	255	0.2	93	
81.4	34.4	240	0.9	93	17.2	250	0.5	93	11.1	255	0.3	93	6.1	255	0.2	93	
88.4	31.7	240	0.9	93	15.8	250	0.4	93	10.2	250	0.3	93	5.7	250	0.2	93	
98.9	28.3	240	0.8	93	14.2	250	0.4	93	9.1	250	0.3	93	5.1	250	0.1	93	
114.4	24.5	240	0.7	93	12.2	250	0.3	93	7.9	255	0.2	93	4.4	260	0.1	93	
135.4	20.7	240	0.6	93	10.3	250	0.3	93	6.6	255	0.2	93	3.7	260	0.1	93	
149.1	18.8	240	0.5	93	9.4	250	0.3	93	6.0	255	0.2	93	3.4	260	0.1	93	
164.7	17.0	240	0.5	93	8.5	250	0.2	93	5.5	250	0.2	93	3.0	260	0.1	93	
181.3	15.4	240	0.4	93	7.7	250	0.2	93	5.0	250	0.1	93	2.8	260	0.1	93	
216.9	12.9	240	0.3	93	6.5	250	0.2	93	4.2	255	0.1	93	2.3	260	0.1	93	

Pt_N [kW]	tutti i rapporti *all ratios* все передачи
	5.6

N.B.
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE.
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

ПРИМЕЧАНИЕ.
Обратите внимание на характеристики редукторов обведенных рамкой. Для этих редукторов необходимо провести проверку термической мощности (А-1.5). Для получения информации обращайтесь в наш технический отдел.

N.B.
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.
Listed weights are for reference only and can vary according to the gearbox version.

ПРИМЕЧАНИЕ
Указанный вес соответствует только исполнению с цилиндрических входным валом

1.6 Prestazioni riduttori PR

1.6 PR gearboxes performances

1.6 Характеристики редукторов PR

PR 71/2

Kg 14.0

ir	n_1 = 2800 min^{-1}				n_1 = 1400 min^{-1}				n_1 = 900 min^{-1}				n_1 = 500 min^{-1}				IEC
	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	
2.6	1078.5	120	14.3	95	539.3	130	7.7	95	346.7	130	5.0	95	192.6	130	2.8	95	
3.2	880.4	140	13.6	95	440.2	150	7.3	95	283.0	150	4.7	95	157.2	150	2.6	95	
3.8	745.8	160	13.2	95	372.9	175	7.2	95	239.7	180	4.8	95	133.2	180	2.6	95	
4.3	650.3	180	12.9	95	325.2	200	7.2	95	209.0	210	4.8	95	116.1	210	2.7	95	
5.3	530.9	180	10.5	95	265.4	210	6.1	95	170.6	230	4.3	95	94.8	230	2.4	95	
6.2	449.7	230	11.4	95	224.8	260	6.4	95	144.5	300	4.8	95	80.3	300	2.7	95	
7.1	395.3	270	11.8	95	197.6	300	6.5	95	127.1	330	4.6	95	70.6	330	2.6	95	112 B5 112 B14
8.7	322.7	280	10.0	95	161.3	310	5.5	95	103.7	350	4.0	95	57.6	350	2.2	95	
10.2	273.3	370	11.1	95	136.7	420	6.3	95	87.9	470	4.6	95	48.8	470	2.5	95	100 B5 100 B14
11.6	242.0	380	10.1	95	121.0	430	5.7	95	77.8	480	4.1	95	43.2	480	2.3	95	
12.3	228.2	280	7.0	95	114.1	300	3.8	95	73.3	310	2.5	95	40.7	310	1.4	95	90 B5 90 B14
14.0	199.5	400	8.8	95	99.8	450	4.9	95	64.1	480	3.4	95	35.6	480	1.9	95	
16.1	173.9	420	8.0	95	86.9	460	4.4	95	55.9	480	3.0	95	31.0	480	1.6	95	
17.3	161.7	420	7.5	95	80.9	460	4.1	95	52.0	480	2.8	95	28.9	480	1.5	95	80 B5 80 B14
18.7	150.0	420	6.9	95	75.0	460	3.8	95	48.2	480	2.6	95	26.8	480	1.4	95	
20.2	138.7	420	6.4	95	69.3	460	3.5	95	44.6	480	2.4	95	24.8	480	1.3	95	71 B5
21.9	127.8	420	5.9	95	63.9	460	3.2	95	41.1	480	2.2	95	22.8	480	1.2	95	
25.3	110.9	360	4.4	95	55.4	410	2.5	95	35.6	410	1.6	95	19.8	410	0.9	95	
28.8	97.2	410	4.4	95	48.6	460	2.5	95	31.2	460	1.6	95	17.4	460	0.9	95	
33.1	84.7	370	3.5	95	42.4	410	1.9	95	27.2	410	1.2	95	15.1	410	0.7	95	
37.3	75.1	365	3.0	95	37.5	410	1.7	95	24.1	410	1.1	95	13.4	420	0.6	95	
44.7	62.6	400	2.8	95	31.3	460	1.6	95	20.1	460	1.0	95	11.2	480	0.6	95	
50.5	55.5	400	2.4	95	27.7	460	1.4	95	17.8	460	0.9	95	9.9	480	0.5	95	

PR 71/3

Kg 14.0

ir	n_1 = 2800 min^{-1}				n_1 = 1400 min^{-1}				n_1 = 900 min^{-1}				n_1 = 500 min^{-1}				IEC
	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	
39.5	70.8	420	3.3	93	35.4	460	1.8	93	22.8	470	1.2	93	12.6	480	0.7	93	
53.5	52.3	420	2.5	93	26.2	460	1.4	93	16.8	460	0.9	93	9.3	480	0.5	93	
60.8	46.0	420	2.2	93	23.0	460	1.2	93	14.8	460	0.8	93	8.2	480	0.4	93	
64.2	43.6	420	2.1	93	21.8	460	1.1	93	14.0	470	0.7	93	7.8	480	0.4	93	
75.4	37.2	420	1.8	93	18.6	460	1.0	93	11.9	470	0.6	93	6.6	480	0.4	93	90 B5 90 B14
86.8	32.3	420	1.5	93	16.1	460	0.8	93	10.4	470	0.5	93	5.8	480	0.3	93	
91.5	30.6	420	1.4	93	15.3	460	0.8	93	9.8	470	0.5	93	5.5	480	0.3	93	80 B5 80 B14
99.3	28.2	420	1.3	93	14.1	460	0.7	93	9.1	470	0.5	93	5.0	480	0.3	93	
107.5	26.0	420	1.2	93	13.0	460	0.7	93	8.4	470	0.4	93	4.6	480	0.3	93	71 B5
123.8	22.6	420	1.1	93	11.3	460	0.6	93	7.3	480	0.4	93	4.0	520	0.2	93	
134.3	20.9	420	1.0	93	10.4	460	0.5	93	6.7	490	0.4	93	3.7	520	0.2	93	63 B5
154.8	18.1	420	0.9	93	9.0	460	0.5	93	5.8	500	0.3	93	3.2	520	0.2	93	
163.2	17.2	420	0.8	93	8.6	460	0.4	93	5.5	470	0.3	93	3.1	480	0.2	93	
191.6	14.6	450	0.7	93	7.3	490	0.4	93	4.7	520	0.3	93	2.6	540	0.2	93	
220.8	12.7	450	0.6	93	6.3	500	0.4	93	4.1	520	0.2	93	2.3	540	0.1	93	

Pt_N [kW]	tutti i rapporti *all ratios* все передачи
	7.5

N.B.
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE.
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

ПРИМЕЧАНИЕ.
Обратите внимание на характеристики редукторов обведенных рамкой. Для этих редукторов необходимо провести проверку термической мощности (A-1.5). Для получения информации обращайтесь в наш технический отдел.

N.B.
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.
Listed weights are for reference only and can vary according to the gearbox version.

ПРИМЕЧАНИЕ
Указанный вес соответствует только исполнению с цилиндрических входным валом

1.6 Prestazioni riduttori PR

1.6 PR gearboxes performances

1.6 Характеристики редукторов PR

PR 90/2

Kg 30

ir	n_1 = 2800 min^{-1}				n_1 = 1400 min^{-1}				n_1 = 900 min^{-1}				n_1 = 500 min^{-1}				IEC
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
2.7	1025.6	270	30.5	95	512.8	330	18.7	95	329.7	330	12.0	95	183.2	330	6.7	95	132 B5 132 B14 112 B5 100 B5 90 B5
4.2	662.1	390	28.5	95	331.0	480	17.5	95	212.8	480	11.3	95	118.2	480	6.3	95	
5.3	528.9	430	25.1	95	264.5	530	15.4	95	170.0	530	9.9	95	94.5	530	5.5	95	
5.9	470.7	450	23.3	95	235.3	560	14.5	95	151.3	560	9.3	95	84.1	560	5.2	95	
6.7	417.1	480	22.1	95	208.6	600	13.8	95	134.1	600	8.9	95	74.5	600	4.9	95	
7.8	361.0	520	20.7	95	180.5	650	12.9	95	116.0	700	9.0	95	64.5	720	5.1	95	
8.7	321.8	460	16.3	95	160.9	560	9.9	95	103.4	560	6.4	95	57.5	560	3.5	95	
9.3	300.2	460	15.2	95	150.1	560	9.3	95	96.5	560	6.0	95	53.6	560	3.3	95	
9.7	288.4	660	21.0	95	144.2	820	13.0	95	92.7	880	9.0	95	51.5	900	5.1	95	
10.9	256.7	700	19.8	95	128.3	860	12.2	95	82.5	920	8.4	95	45.8	920	4.6	95	
12.3	227.4	740	18.6	95	113.7	910	11.4	95	73.1	920	7.4	95	40.6	940	4.2	95	
14.0	200.5	740	16.4	95	100.2	910	10.1	95	64.4	920	6.5	95	35.8	940	3.7	95	
16.0	175.5	740	14.3	95	87.7	910	8.8	95	56.4	920	5.7	95	31.3	940	3.2	95	
17.1	163.7	740	13.4	95	81.8	910	8.2	95	52.6	920	5.3	95	29.2	940	3.0	95	
19.8	141.3	740	11.5	95	70.7	910	7.1	95	45.4	920	4.6	95	25.2	940	2.6	95	
21.4	130.7	740	10.7	95	65.4	910	6.6	95	42.0	920	4.3	95	23.3	940	2.4	95	
25.0	112.2	740	9.1	95	56.1	910	5.6	95	36.1	920	3.7	95	20.0	940	2.1	95	
27.7	101.0	740	8.2	95	50.5	910	5.1	95	32.5	920	3.3	95	18.0	940	1.9	95	
30.5	91.7	740	7.5	95	45.9	910	4.6	95	29.5	920	3.0	95	16.4	940	1.7	95	
35.0	80.0	700	6.2	95	40.0	850	3.7	95	25.7	890	2.5	95	14.3	920	1.4	95	
40.4	69.3	585	4.5	95	34.7	720	2.8	95	22.3	760	1.9	95	12.4	820	1.1	95	
44.1	63.5	700	4.9	95	31.8	860	3.0	95	20.4	950	2.1	95	11.3	1000	1.4	95	
50.9	55.0	700	4.2	95	27.5	860	2.6	95	17.7	950	1.9	95	9.8	1000	1.1	95	

PR 90/3

Kg 30

ir	n_1 = 2800 min^{-1}				n_1 = 1400 min^{-1}				n_1 = 900 min^{-1}				n_1 = 500 min^{-1}				IEC
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
38.7	72.3	700	5.7	93	36.2	910	3.7	93	23.2	945	2.5	93	12.9	945	1.4	93	100 B5 100 B14 90 B5 90 B14 80 B5 80 B14 71 B5
43.7	64.0	750	5.4	93	32.0	910	3.3	93	20.6	945	2.2	93	11.4	945	1.2	93	
48.8	57.4	750	4.8	93	28.7	910	2.9	93	18.4	945	2.0	93	10.2	945	1.1	93	
55.2	50.7	720	4.1	93	25.4	910	2.6	93	16.3	945	1.7	93	9.1	945	1.0	93	
62.3	44.9	750	3.8	93	22.5	910	2.3	93	14.4	945	1.5	93	8.0	945	0.9	93	
70.6	39.7	800	3.6	93	19.8	910	2.0	93	12.8	945	1.4	93	7.1	945	0.8	93	
76.3	36.7	800	3.3	93	18.3	910	1.9	93	11.8	945	1.3	93	6.6	945	0.7	93	
82.8	33.8	800	3.0	93	16.9	910	1.7	93	10.9	945	1.2	93	6.0	945	0.6	93	
93.3	30.0	800	2.7	93	15.0	910	1.5	93	9.6	945	1.0	93	5.4	945	0.6	93	
100.6	27.8	800	2.5	93	13.9	910	1.4	93	8.9	945	1.0	93	5.0	945	0.5	93	
108.9	25.7	910	2.6	93	12.9	910	1.3	93	8.3	945	0.9	93	4.6	945	0.5	93	
125.0	22.4	910	2.3	93	11.2	910	1.1	93	7.2	945	0.8	93	4.0	945	0.4	93	
141.0	19.9	910	2.0	93	9.9	910	1.0	93	6.4	945	0.7	93	3.5	945	0.4	93	
155.2	18.0	910	1.8	93	9.0	910	0.9	93	5.8	945	0.6	93	3.2	945	0.3	93	
178.1	15.7	910	1.6	93	7.9	910	0.8	93	5.1	945	0.5	93	2.8	945	0.3	93	
201.0	13.9	910	1.4	93	7.0	910	0.7	93	4.5	945	0.5	93	2.5	945	0.3	93	
224.4	12.5	910	1.3	93	6.2	910	0.6	93	4.0	945	0.4	93	2.2	945	0.2	93	
253.2	11.1	910	1.1	93	5.5	910	0.6	93	3.6	945	0.4	93	2.0	945	0.2	93	

Pt_N [kW]	tutti i rapporti *all ratios* все передачи
	10.5

N.B.
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE.
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

ПРИМЕЧАНИЕ.
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N.B.
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NOTE.
Listed weights are for reference only and can vary according to the gearbox version.

ПРИМЕЧАНИЕ
Указанный вес соответствует только исполнению с цилиндрических входным валом

1.6 Prestazioni riduttori PR
1.6 PR gearboxes performances
1.6 Характеристики редукторов PR

PR 112/2

Kg 59

ir	n₁ = 2800 min⁻¹ n₂ min⁻¹	T2M Nm	P kW	RD %	n₁ = 1400 min⁻¹ n₂ min⁻¹	T2M Nm	P kW	RD %	n₁ = 900 min⁻¹ n₂ min⁻¹	T2M Nm	P kW	RD %	n₁ = 500 min⁻¹ n₂ min⁻¹	T2M Nm	P kW	RD %	IEC
2.9	967.0	480	51.2	95	483.5	600	32.0	95	310.8	650	22.3	95	172.7	650	12.4	95	160 B5 132 B5 112 B5 100 B5
3.4	831.9	520	47.7	95	416.0	640	29.3	95	267.4	690	20.3	95	148.6	700	11.5	95	
4.0	706.4	610	47.5	95	353.2	750	29.2	95	227.0	850	21.3	95	126.1	900	12.5	95	
4.6	607.7	660	44.2	95	303.8	820	27.5	95	195.3	920	19.8	95	108.5	960	11.5	95	
6.1	459.6	770	39.0	95	229.8	950	24.1	95	147.7	970	15.8	95	82.1	970	8.8	95	
6.8	412.4	810	36.8	95	206.2	990	22.5	95	132.5	1000	14.6	95	73.6	1000	8.1	95	
7.9	353.7	850	33.1	95	176.8	1050	20.5	95	113.7	1100	13.8	95	63.2	1100	7.7	95	
8.9	313.2	890	30.7	95	156.6	1100	19.0	95	100.7	1100	12.2	95	55.9	1100	6.8	95	
9.7	289.2	900	28.7	95	144.6	1100	17.5	95	93.0	1100	11.3	95	51.6	1100	6.3	95	
11.1	253.3	950	26.5	95	126.7	1100	15.4	95	81.4	1100	9.9	95	45.2	1100	5.5	95	
12.4	225.7	1150	28.6	95	112.8	1420	17.7	95	72.5	1600	12.8	95	40.3	1700	7.6	95	
14.5	193.6	1250	26.7	95	96.8	1550	16.5	95	62.2	1700	11.7	95	34.6	1850	7.0	95	
16.3	171.4	1320	24.9	95	85.7	1630	15.4	95	55.1	1800	10.9	95	30.6	1850	6.2	95	
17.7	158.3	1380	24.1	95	79.1	1700	14.8	95	50.9	1800	10.1	95	28.3	1850	5.8	95	
20.2	138.6	1440	22.0	95	69.3	1750	13.4	95	44.6	1850	9.1	95	24.8	1850	5.0	95	
21.7	129.3	1460	20.8	95	64.6	1750	12.5	95	41.6	1850	8.5	95	23.1	1850	4.7	95	
25.4	110.1	1460	17.7	95	55.1	1620	9.8	95	35.4	1720	6.7	95	19.7	1830	4.0	95	
29.1	96.1	1460	15.5	95	48.0	1750	9.3	95	30.9	1850	6.3	95	17.2	1850	3.5	95	
32.3	86.6	1460	13.9	95	43.3	1750	8.4	95	27.8	1850	5.7	95	15.5	1850	3.2	95	
38.9	72.0	1460	11.6	95	36.0	1750	6.9	95	23.1	1850	4.7	95	12.9	1850	2.6	95	
40.7	68.8	1460	11.1	95	34.4	1750	6.6	95	22.1	1800	4.4	95	12.3	1850	2.5	95	
44.7	62.6	1460	10.1	95	31.3	1750	6.0	95	20.1	1800	4.0	95	11.2	1900	2.3	95	
48.9	57.2	1460	9.2	95	28.6	1750	5.5	95	18.4	1850	3.7	95	10.2	1900	2.1	95	

PR 112/3

Kg 59

ir	n₁ = 2800 min⁻¹ n₂ min⁻¹	T2M Nm	P kW	RD %	n₁ = 1400 min⁻¹ n₂ min⁻¹	T2M Nm	P kW	RD %	n₁ = 900 min⁻¹ n₂ min⁻¹	T2M Nm	P kW	RD %	n₁ = 500 min⁻¹ n₂ min⁻¹	T2M Nm	P kW	RD %	IEC
51.2	54.7	1350	8.3	93	27.4	1700	5.2	93	17.6	1860	3.7	93	9.8	1860	2.0	93	112 B5 100 B5 90 B5 80 B5
58.5	47.9	1400	7.5	93	23.9	1750	4.7	93	15.4	1860	3.2	93	8.6	1860	1.8	93	
62.7	44.7	1420	7.1	93	22.3	1750	4.4	93	14.4	1860	3.0	93	8.0	1860	1.7	93	
67.4	41.6	1440	6.7	93	20.8	1750	4.1	93	13.4	1860	2.8	93	7.4	1860	1.6	93	
72.6	38.6	1500	6.5	93	19.3	1750	3.8	93	12.4	1860	2.6	93	6.9	1860	1.4	93	
78.5	35.7	1500	6.0	93	17.8	1750	3.5	93	11.5	1860	2.4	93	6.4	1860	1.3	93	
87.3	32.1	1500	5.4	93	16.0	1750	3.2	93	10.3	1860	2.2	93	5.7	1860	1.2	93	
93.6	29.9	1500	5.1	93	15.0	1750	2.9	93	9.6	1860	2.0	93	5.3	1860	1.1	93	
108.4	25.8	1500	4.4	93	12.9	1750	2.5	93	8.3	1860	1.7	93	4.6	1860	1.0	93	
117.2	23.9	1500	4.0	93	11.9	1750	2.4	93	7.7	1860	1.6	93	4.3	1860	0.9	93	
128.3	21.8	1500	3.7	93	10.9	1750	2.2	93	7.0	1860	1.5	93	3.9	1860	0.8	93	
148.0	18.9	1500	3.2	93	9.5	1750	1.9	93	6.1	1860	1.3	93	3.4	1860	0.7	93	
167.0	16.8	1500	2.8	93	8.4	1750	1.7	93	5.4	1860	1.1	93	3.0	1860	0.6	93	
191.5	14.6	1500	2.5	93	7.3	1750	1.4	93	4.7	1860	1.0	93	2.6	1860	0.5	93	
220.9	12.7	1500	2.1	93	6.3	1750	1.2	93	4.1	1860	0.9	93	2.3	1860	0.5	93	
241.0	11.6	1500	2.0	93	5.8	1750	1.1	93	3.7	1900	0.8	93	2.1	1900	0.4	93	
278.1	10.1	1500	1.7	93	5.0	1750	1.0	93	3.2	1900	0.7	93	1.8	1900	0.4	93	

Pt_N [kW]	tutti i rapporti *all ratios* все передачи
	16.5

N.B.
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE.
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

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N.B.
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.
Listed weights are for reference only and can vary according to the gearbox version.

ПРИМЕЧАНИЕ
Указанный вес соответствует только исполнению с цилиндрических входным валом

1.6 Prestazioni riduttori PR

1.6 PR gearboxes performances

1.6 Характеристики редукторов PR

PR 125/2

Kg 105

ir	n_1 = 2800 min^{-1}				n_1 = 1400 min^{-1}				n_1 = 900 min^{-1}				n_1 = 500 min^{-1}				IEC
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
5,4	514,7	900,0	51,1	95	257,4	1000,0	28,4	95	165,5	1088,9	19,9	95	91.9	1088.9	11.0	95	
6,5	427,8	1080,0	50,9	95	213,9	1200,0	28,3	95	137,5	1306,7	19,8	95	76.4	1306.7	11.0	95	
8,2	341,9	1350,0	50,9	95	171,0	1500,0	28,3	95	109,9	1633,3	19,8	95	61.1	1633.3	11.0	95	200 B5
9,9	284,2	1440,0	45,1	95	142,1	1600,0	25,1	95	91,3	1742,2	17,5	95	50.7	1742.2	9.7	95	
12,5	223,9	1620,0	40,0	95	111,9	1800,0	22,2	95	72,0	1960,0	15,5	95	40.0	1960.0	8.6	95	180 B5
15,1	186,0	1710,0	35,1	95	93,0	1900,0	19,5	95	59,8	2068,9	13,6	95	33.2	2068.9	7.6	95	160 B5
19,9	140,9	1800,0	27,9	95	70,4	2000,0	15,5	95	45,3	2177,8	10,9	95	25.2	2177.8	6.0	95	
25,1	111,5	1890,0	23,2	95	55,8	2100,0	12,9	95	35,9	2286,7	9,0	95	19.9	2286.7	5.0	95	132 B5 132 B14
30,2	92,7	1980,0	20,2	95	46,3	2200,0	11,2	95	29,8	2395,6	7,9	95	16.6	2395.6	4.4	95	
38,2	73,3	2070,0	16,7	95	36,7	2300,0	9,3	95	23,6	2504,4	6,5	95	13.1	2504.4	3.6	95	112 B5
44,3	63,3	1980,0	13,8	95	31,6	2200,0	7,7	95	20,3	2395,6	5,4	95	11.3	2395.6	3.0	95	100 B5
53,1	52,8	1980,0	11,5	95	26,4	2200,0	6,4	95	17,0	2395,6	4,5	95	9.4	2395.6	2.5	95	
57,5	48,7	1980,0	10,6	95	24,3	2200,0	5,9	95	15,7	2395,6	4,1	95	8.7	2395.6	2.3	95	

Pt_N [kW]	tutti i rapporti *all ratios* все передачи
	21.0

N.B.
Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come indicato nel par. A-1.5). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE.
Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. par. A-1.5). For details please contact our technical office.

ПРИМЕЧАНИЕ.
Обратите внимание на характеристики редукторов обведенных рамкой. Для этих редукторов необходимо провести проверку термической мощности (A-1.5). Для получения информации обращайтесь в наш технический отдел.

N.B.
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

NOTE.
Listed weights are for reference only and can vary according to the gearbox version.

ПРИМЕЧАНИЕ
Указанный вес соответствует только исполнению с цилиндрических входным валом

Nella tab. 4.5 sono riportate le grandezze motore accoppiabili (IEC) unitamente alle dimensioni albero/flangia motore standard.

In table 4.5 the possible shaft/flange dimensions IEC standard are listed

В таблице 4.5 приведены все возможные комбинации вал/фланец по IEC стандарту.

Tab. 4.5

	Possibili accoppiamenti con motori IEC - *Possible couplings with IEC motors* - Возможные соединения с IEC мотором		
	IEC	ir	
		Tutti / *All* / Все	
PMP 63/2 PMF 63/2	63	**11/140** (B5)	
	71	**14/160** (B5)	
	80	**19/200** (B5) **- 19/120** (B14**)**	19/160 - 19/140
	90	**24/200** (B5) **- 24/140** (B14)	24/160 - 24/120
	100 112	**28/250** (B5) **- 28/160** (B14)	
PMP 63/3 PMF 63/3	63	**11/140** (B5)	
	71	**14/160** (B5)	
	80	**19/200** (B5) **- 19/120** (B14)	19/160 - 19/140
PMP 71/2 PMF 71/2	71	**14/160** (B5)	14/200 -14/140 - 14/120
	80	**19/200** (B5) **- 19/120** (B14)	19/160 - 19/140
	90	**24/200** (B5) **- 24/140** (B14)	24/160 - 24/120
	100 112	**28/250** (B5) **- 28/160** (B14)	
PMP 71/3 PMF 71/3	63	**11/140** (B5)	
	71	**14/160** (B5)	14/200 -14/140 - 14/120
	80	**19/200** (B5) **- 19/120** (B14)	19/160 - 19/140
	90	**24/200** (B5) **- 24/140** (B14)	24/160 - 24/120

	Possibili accoppiamenti con motori IEC - *Possible couplings with IEC motors* - Возможные соединения с IEC мотором		
	IEC	ir	
		Tutti / *All* / Все	
PMP 90/2 PMF 90/2	90	**24/200** (B5)	24/300 - 24/250
	100 112	**28/250** (B5)	28/200 - 28/300
	132	**38/300** (B5) **- 38/200** (B14)	38/250
PMP 90/3 PMF 90/3	71	**14/160** (B5)	14/200-14/140-14/120
	80	**19/200** (B5) **- 19/120** (B14)	19/160 - 19/140
	90	**24/200** (B5) **- 24/140** (B14)	24/160 - 24/120
	100	**28/250** (B5) - **28/160** (B14)	
PMP 112/2 PMF 112/2	100 112	**28/250** (B5)	28/350 - 28/300
	132	**38/300** (B5)	38/350 - 38/250
	160	**42/350** (B5)	42/300 - 42/250
PMP 112/3 PMF 112/3	80	**19/200** (B5)	
	90	**24/200** (B5)	
	100 112	**28/250** (B5)	
PMP 125/2	200[1]	**55/400** (B5)	
	180[1]	**48/350** (B5)	
	160[1]	**42/350** (B5)	
	132	**38/300** (B5) - **38/200** (B14)	38/250
	112	**28/250** (B5)	28/200 - 28/300
	100	**28/250** (B5)	28/200 - 28/300

E

[1] Da PAM 160 a PAM 200 forniti con giunto tipo Rotex (per prescrizione di montaggio vedere sezione A paragrafo "installazione")

[1] *PAM 160 through PAM 200 come with Rotex coupling (for mounting directions, see section A, paragraph "Installation")*

[1] Начиная с PAM160 до PAM200 редукторы укомплектованы муфтой ROTEX (смотри указания по монтажу глава A, пункт "Установка")

Legenda:

19/200 (B5) 19/160

19/200 : combinazione albero/flangia standard
(B5) : forma costruttiva motore IEC
19/160 : combinazioni albero/flangia a richiesta

Key:

***19/200** (B5) 19/160*

***19/200** : standard shaft/flange combination*
(B5) : IEC motor constructive shape
19/160 : shaft/flange combinations upon request

Обозначения:

19/200 (B5) 19/160

19/200 : Стандартная комбинация вал/фланец
(B5) : Конструктивное исполнение IEC мотора
19/160 : Доступная комбинация вал/фланец

1.7 Prestazioni motoriduttori PMP - PCP - PMF - PCF

1.7 *PMP - PCP - PMF - PCF Gearmotors performances*

1.7 Характеристики мотор-редукторов

0.09 kW — n_1= 860 min^{-1} — 63B 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
64	13.5	13	19.9	**63/2**	63B 6
60	14.4	14	16.8	**63/2**	63B 6
51	16.9	16	15.9	**63/2**	63B 6
43	19.8	19	13.6	**63/2**	63B 6
36	24.1	23	10.7	**63/2**	63B 6
33	26.1	25	10.1	**63/2**	63B 6
27	31.7	30	8.3	**63/2**	63B 6
23	36.6	35	7.2	**63/2**	63B 6
19.8	43.4	40	6.2	**63/3**	63B 6
18.3	47.0	44	5.8	**63/3**	63B 6
16.1	53.3	50	5.1	**63/3**	63B 6
15.0	57.2	53	4.8	**63/3**	63B 6
13.9	61.8	57	4.4	**63/3**	63B 6
12.4	69.6	65	3.9	**63/3**	63B 6
11.4	75.4	70	3.6	**63/3**	63B 6
10.6	81.4	76	3.4	**63/3**	63B 6
9.7	88.4	82	3.0	**63/3**	63B 6
8.7	98.9	92	2.7	**63/3**	63B 6
7.5	114.4	106	2.4	**63/3**	63B 6
6.4	135.4	126	2.0	**63/3**	63B 6
5.8	149.1	139	1.8	**63/3**	63B 6
5.3	163.2	152	3.1	**71/3**	63B 6
5.2	164.7	153	1.6	**63/3**	63B 6
4.7	181.3	169	1.5	**63/3**	63B 6
4.5	191.6	178	2.9	**71/3**	63B 6
4.0	216.9	202	1.3	**63/3**	63B 6
3.9	220.8	205	2.5	**71/3**	63B 6

0.13 kW — n_1= 1360 min^{-1} 63A 4; n_1= 860 min^{-1} 63C 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
94	14.4	12	17.6	**63/2**	63A 4
80	16.9	15	17.1	**63/2**	63A 4
69	19.8	17	14.6	**63/2**	63A 4
56	24.1	21	11.0	**63/2**	63A 4
52	26.1	23	10.6	**63/2**	63A 4
43	31.7	27	8.7	**63/2**	63A 4
37	36.6	32	7.9	**63/2**	63A 4
31	43.4	37	6.8	**63/3**	63A 4
26	53.3	45	5.5	**63/3**	63A 4
24	57.2	49	5.1	**63/3**	63A 4
22	61.8	52	4.8	**63/3**	63A 4
19.5	69.6	59	4.2	**63/3**	63A 4
18.0	75.4	64	3.9	**63/3**	63A 4
16.7	81.4	69	3.6	**63/3**	63A 4
15.4	88.4	75	3.3	**63/3**	63A 4
13.8	98.9	84	3.0	**63/3**	63A 4
11.9	114.4	97	2.6	**63/3**	63A 4
10.0	135.4	115	2.2	**63/3**	63A 4
9.1	149.1	127	2.0	**63/3**	63A 4
8.3	163.2	139	3.3	**71/3**	63A 4
8.3	164.7	140	1.8	**63/3**	63A 4
7.5	181.3	154	1.6	**63/3**	63A 4
7.1	191.6	163	3.0	**71/3**	63A 4
6.3	216.9	184	1.4	**63/3**	63A 4
6.2	220.8	187	2.7	**71/3**	63A 4
5.3	163.2	219	2.1	**71/3**	63C 6

0.13 kW — n_1= 1360 min^{-1} 63A 4; n_1= 860 min^{-1} 63C 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
5.2	164.7	221	1.1	**63/3**	63C 6
4.0	216.9	291	0.9	**63/3**	63C 6
3.9	220.8	296	1.8	**71/3**	63C 6

0.18 kW — n_1= 1370 min^{-1} 63B 4; n_1= 870 min^{-1} 71A 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
152	9.0	11	19.6	**63/2**	63B 4
132	10.4	12	17.7	**63/2**	63B 4
116	11.8	14	16.7	**63/2**	63B 4
101	13.5	16	15.5	**63/2**	63B 4
95	14.4	17	12.8	**63/2**	63B 4
81	16.9	20	12.4	**63/2**	63B 4
69	19.8	24	10.6	**63/2**	63B 4
57	24.1	29	8.0	**63/2**	63B 4
52	26.1	31	7.7	**63/2**	63B 4
43	31.7	38	6.4	**63/2**	63B 4
37	36.6	44	5.7	**63/2**	63B 4
32	43.4	51	4.9	**63/3**	63B 4
29	47.0	55	4.6	**63/3**	63B 4
26	53.3	62	4.0	**63/3**	63B 4
24	57.2	67	3.7	**63/3**	63B 4
22	61.8	72	3.5	**63/3**	63B 4
19.7	69.6	81	3.1	**63/3**	63B 4
18.2	75.4	88	2.8	**63/3**	63B 4
16.8	81.4	95	2.6	**63/3**	63B 4
15.5	88.4	103	2.4	**63/3**	63B 4
13.9	98.9	115	2.2	**63/3**	63B 4
12.0	114.4	133	1.9	**63/3**	63B 4
11.1	123.8	144	3.2	**71/3**	63B 4
10.2	134.3	157	2.9	**71/3**	63B 4
10.1	135.4	158	1.6	**63/3**	63B 4
9.2	149.1	174	1.4	**63/3**	63B 4
8.9	154.8	181	2.5	**71/3**	63B 4
8.4	163.2	190	2.4	**71/3**	63B 4
8.3	164.7	192	1.3	**63/3**	63B 4
7.6	181.3	212	1.2	**63/3**	63B 4
7.2	191.6	224	2.2	**71/3**	63B 4
6.3	216.9	253	1.0	**63/3**	63B 4
6.2	220.8	258	1.9	**71/3**	63B 4
5.3	163.2	300	1.6	**71/3**	71A 6
5.3	164.7	303	0.8	**63/3**	71A 6
4.9	178.1	327	2.9	**90/3**	71A 6
3.9	220.8	406	1.3	**71/3**	71A 6
3.4	253.2	465	2.0	**90/3**	71A 6

0.22 kW — n_1= 1400 min^{-1} — 63C 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
467	3.0	4	18.7	**63/2**	63C 4
359	3.9	6	19.8	**63/2**	63C 4
280	5.0	7	19.6	**63/2**	63C 4
226	6.2	9	18.1	**63/2**	63C 4

0.22 kW — n_1= 1400 min^{-1} — 63C 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
189	7.4	11	17.1	**63/2**	63C 4
156	9.0	13	16.4	**63/2**	63C 4
119	11.8	17	14.0	**63/2**	63C 4
97	14.4	21	10.7	**63/2**	63C 4
83	16.9	24	10.4	**63/2**	63C 4
71	19.8	28	8.9	**63/2**	63C 4
58	24.1	34	6.7	**63/2**	63C 4
44	31.7	45	5.3	**63/2**	63C 4
32	43.4	61	4.1	**63/3**	63C 4
26	53.3	74	3.4	**63/3**	63C 4
23	61.8	86	2.9	**63/3**	63C 4
20	69.6	97	2.6	**63/3**	63C 4
17.2	81.4	114	2.2	**63/3**	63C 4
15.8	88.4	123	2.0	**63/3**	63C 4
14.2	98.9	138	1.8	**63/3**	63C 4
14.1	99.3	139	3.3	**71/3**	63C 4
12.2	114.4	160	1.6	**63/3**	63C 4
11.3	123.8	173	2.7	**71/3**	63C 4
9.4	149.1	208	1.2	**63/3**	63C 4
9.0	154.8	216	2.1	**71/3**	63C 4
7.7	181.3	253	1.0	**63/3**	63C 4
7.3	191.6	267	1.8	**71/3**	63C 4
6.5	216.9	303	0.8	**63/3**	63C 4
6.3	220.8	308	1.6	**71/3**	63C 4

0.25 kW — n_1= 1370 min^{-1} 71A 4; n_1= 870 min^{-1} 71B 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
457	3.0	5	16.1	**63/2**	71A 4
351	3.9	6	17.0	**63/2**	71A 4
319	4.3	7	18.3	**63/2**	71A 4
274	5.0	8	16.9	**63/2**	71A 4
245	5.6	9	17.3	**63/2**	71A 4
211	6.5	11	15.8	**63/2**	71A 4
185	7.4	12	14.7	**63/2**	71A 4
171	8.0	13	15.1	**63/2**	71A 4
152	9.0	15	14.1	**63/2**	71A 4
132	10.4	17	12.8	**63/2**	71A 4
116	11.8	20	12.0	**63/2**	71A 4
95	14.4	24	9.2	**63/2**	71A 4
81	16.9	28	8.9	**63/2**	71A 4
69	19.8	33	7.6	**63/2**	71A 4
57	24.1	40	5.8	**63/2**	71A 4
52	26.1	43	5.6	**63/2**	71A 4
43	31.7	52	4.6	**63/2**	71A 4
37	36.6	61	4.1	**63/2**	71A 4
32	43.4	70	3.6	**63/3**	71A 4
29	47.0	76	3.3	**63/3**	71A 4
24	57.2	93	2.7	**63/3**	71A 4
22	61.8	100	2.5	**63/3**	71A 4
19.7	69.6	113	2.2	**63/3**	71A 4
18.2	75.4	122	2.0	**63/3**	71A 4
16.8	81.4	132	1.9	**63/3**	71A 4
15.5	88.4	143	1.7	**63/3**	71A 4
15.0	91.5	148	3.1	**71/3**	71A 4
13.9	98.9	160	1.6	**63/3**	71A 4

1.7 Prestazioni motoriduttori PMP - PCP - PMF - PCF

1.7 PMP - PCP - PMF - PCF Gearmotors performances

1.7 Характеристики мотор-редукторов

n_2 min^{-1}	ir	T2 Nm	FS’	PMP - PCP PMF - PCF	

0.25 kW — n_1= 1370 min^{-1} 71A 4; n_1= 870 min^{-1} 71B 6

n_2 min^{-1}	ir	T2 Nm	FS’	PMP - PCP PMF - PCF	
13.8	99.3	161	2.9	**71/3**	71A 4
12.0	114.4	185	1.3	**63/3**	71A 4
10.2	134.3	218	2.1	**71/3**	71A 4
10.1	135.4	219	1.1	**63/3**	71A 4
9.2	149.1	242	1.0	**63/3**	71A 4
8.9	154.8	251	1.8	**71/3**	71A 4
8.4	163.2	265	1.7	**71/3**	71A 4
8.3	164.7	267	0.9	**63/3**	71A 4
7.6	181.3	294	0.9	**63/3**	71A 4
7.2	191.6	311	1.6	**71/3**	71A 4
6.8	201.0	326	2.8	**90/3**	71A 4
6.2	220.8	358	1.4	**71/3**	71A 4
5.4	253.2	410	2.2	**90/3**	71A 4
5.3	163.2	417	1.1	**71/3**	71B 6
4.5	191.6	489	1.1	**71/3**	71B 6
4.3	201.0	513	1.8	**90/3**	71B 6
3.4	253.2	646	1.5	**90/3**	71B 6

0.37 kW — n_1= 2790 min^{-1} 63C 2; n_1= 1380 min^{-1} 71B 4; n_1= 910 min^{-1} 80A 6; n_1= 880 min^{-1} 71C 6

n_2 min^{-1}	ir	T2 Nm	FS’	PMP - PCP PMF - PCF	
715	3.9	5	19.2	**63/2**	63C 2
649	4.3	5	18.4	**63/2**	63C 2
558	5.0	6	18.3	**63/2**	63C 2
498	5.6	7	18.6	**63/2**	63C 2
460	3.0	7	11.0	**63/2**	71B 4
431	3.2	8	19.3	**71/2**	71B 4
354	3.9	9	11.6	**63/2**	71B 4
321	4.3	10	12.4	**63/2**	71B 4
276	5.0	12	11.5	**63/2**	71B 4
246	5.6	14	11.7	**63/2**	71B 4
223	6.2	15	10.6	**63/2**	71B 4
212	6.5	16	10.8	**63/2**	71B 4
173	8.0	19	10.3	**63/2**	71B 4
153	9.0	22	9.6	**63/2**	71B 4
133	10.4	25	8.7	**63/2**	71B 4
117	11.8	29	8.2	**63/2**	71B 4
102	13.5	33	7.6	**63/2**	71B 4
96	14.4	35	6.3	**63/2**	71B 4
82	16.9	41	6.1	**63/2**	71B 4
70	19.8	48	5.2	**63/2**	71B 4
57	24.1	59	3.9	**63/2**	71B 4
53	26.1	63	3.8	**63/2**	71B 4
44	31.7	77	3.1	**63/2**	71B 4
38	36.6	89	2.8	**63/2**	71B 4
32	43.4	103	2.4	**63/3**	71B 4
29	47.0	112	2.2	**63/3**	71B 4
26	53.3	127	2.0	**63/3**	71B 4
23	60.8	145	3.2	**71/3**	71B 4
22	61.8	147	1.7	**63/3**	71B 4
19.8	69.6	166	1.5	**63/3**	71B 4
18.3	75.4	180	2.6	**71/3**	71B 4
18.3	75.4	180	1.4	**63/3**	71B 4
15.9	86.8	207	2.2	**71/3**	71B 4
15.6	88.4	211	1.2	**63/3**	71B 4

0.37 kW — n_1= 2790 min^{-1} 63C 2; n_1= 1380 min^{-1} 71B 4; n_1= 910 min^{-1} 80A 6; n_1= 880 min^{-1} 71C 6

n_2 min^{-1}	ir	T2 Nm	FS’	PMP - PCP PMF - PCF	
14.0	98.9	236	1.1	**63/3**	71B 4
13.9	99.3	236	1.9	**71/3**	71B 4
12.8	107.5	256	1.8	**71/3**	71B 4
12.1	114.4	272	0.9	**63/3**	71B 4
11.1	123.8	295	1.6	**71/3**	71B 4
11.0	125.0	298	3.1	**90/3**	71B 4
10.3	134.3	320	1.4	**71/3**	71B 4
9.8	141.0	336	2.7	**90/3**	71B 4
8.9	154.8	369	1.2	**71/3**	71B 4
8.9	155.2	370	2.5	**90/3**	71B 4
7.2	191.6	456	1.1	**71/3**	71B 4
6.9	201.0	479	1.9	**90/3**	71B 4
6.3	220.8	526	1.0	**71/3**	71B 4
5.5	253.2	603	1.5	**90/3**	71B 4
4.4	201.0	751	1.3	**90/3**	71C 6
4.1	220.9	798	2.3	**112/3**	80A 6
3.5	253.2	946	1.0	**90/3**	71C 6
3.3	278.1	1004	1.9	**112/3**	80A 6

0.55 kW — n_1= 2800 min^{-1} 71B 2; n_1= 1380 min^{-1} 71C 4; n_1= 1390 min^{-1} 80A 4; n_1= 910 min^{-1} 80B 6

n_2 min^{-1}	ir	T2 Nm	FS’	PMP - PCP PMF - PCF	
933	3.0	5	14.4	**63/2**	71B 2
718	3.9	7	12.9	**63/2**	71B 2
651	4.3	8	12.4	**63/2**	71B 2
531	2.6	9	13.8	**71/2**	71C 4
460	3.0	11	7.4	**63/2**	71C 4
431	3.2	12	13.0	**71/2**	71C 4
363	3.8	14	12.7	**71/2**	71C 4
354	3.9	14	7.8	**63/2**	71C 4
321	4.3	16	8.4	**63/2**	71C 4
276	5.0	18	7.7	**63/2**	71C 4
246	5.6	20	7.9	**63/2**	71C 4
223	6.2	22	7.1	**63/2**	71C 4
212	6.5	24	7.2	**63/2**	71C 4
186	7.4	27	6.7	**63/2**	71C 4
173	8.0	29	6.9	**63/2**	71C 4
153	9.0	33	6.5	**63/2**	71C 4
133	10.4	38	5.9	**63/2**	71C 4
117	11.8	43	5.5	**63/2**	71C 4
102	13.5	49	5.1	**63/2**	71C 4
96	14.4	52	4.2	**63/2**	71C 4
82	16.9	61	4.1	**63/2**	71C 4
70	19.8	72	3.5	**63/2**	71C 4
67	20.5	74	3.1	**63/2**	71C 4
57	24.1	87	2.6	**63/2**	71C 4
53	26.1	94	2.5	**63/2**	71C 4
44	31.7	115	2.1	**63/2**	71C 4
42	33.1	120	3.4	**71/2**	71C 4
38	36.6	132	1.9	**63/2**	71C 4
37	37.3	135	3.0	**71/2**	71C 4
35	39.5	140	3.3	**71/3**	71C 4
32	43.4	154	1.6	**63/3**	71C 4
31	44.7	162	2.8	**71/2**	71C 4
29	47.0	166	1.5	**63/3**	71C 4
27	50.5	183	2.5	**71/2**	71C 4

0.55 kW — n_1= 2800 min^{-1} 71B 2; n_1= 1380 min^{-1} 71C 4; n_1= 1390 min^{-1} 80A 4; n_1= 910 min^{-1} 80B 6

n_2 min^{-1}	ir	T2 Nm	FS’	PMP - PCP PMF - PCF	
26	53.3	189	1.3	**63/3**	71C 4
26	53.5	189	2.4	**71/3**	71C 4
23	60.8	215	2.1	**71/3**	71C 4
22	61.8	219	1.1	**63/3**	71C 4
21	64.2	227	2.0	**71/3**	71C 4
19.8	69.6	246	1.0	**63/3**	71C 4
18.3	75.4	267	1.7	**71/3**	71C 4
18.3	75.4	267	0.9	**63/3**	71C 4
18.1	76.3	270	3.4	**90/3**	71C 4
17.0	81.4	288	0.9	**63/3**	71C 4
16.7	82.8	293	3.1	**90/3**	71C 4
15.1	91.5	324	1.4	**71/3**	71C 4
14.8	93.3	330	2.8	**90/3**	71C 4
13.9	99.3	351	1.3	**71/3**	71C 4
13.7	100.6	356	2.6	**90/3**	71C 4
12.8	107.5	381	1.2	**71/3**	71C 4
12.7	108.9	385	2.4	**90/3**	71C 4
11.1	123.8	438	1.0	**71/3**	71C 4
11.0	125.0	442	2.1	**90/3**	71C 4
10.3	134.3	475	1.0	**71/3**	71C 4
9.8	141.0	499	1.8	**90/3**	71C 4
8.9	154.8	548	0.8	**71/3**	71C 4
8.9	155.2	549	1.7	**90/3**	71C 4
8.3	167.0	587	3.0	**112/3**	80A 4
7.7	178.1	630	1.4	**90/3**	71C 4
6.3	220.9	776	2.3	**112/3**	80A 4
6.1	224.4	794	1.1	**90/3**	71C 4
5.8	241.0	847	2.1	**112/3**	80A 4
5.5	253.2	896	1.0	**90/3**	71C 4
4.8	191.5	1028	1.8	**112/3**	80B 6
4.5	201.0	1079	0.9	**90/3**	80B 6
3.3	278.1	1493	1.3	**112/3**	80B 6

0.75 kW — n_1= 2800 min^{-1} 71C 2; n_1= 1390 min^{-1} 80B 4; n_1= 910 min^{-1} 80C 6

n_2 min^{-1}	ir	T2 Nm	FS’	PMP - PCP PMF - PCF	
933	3.0	7	10.6	**63/2**	71C 2
718	3.9	9	9.5	**63/2**	71C 2
651	4.3	10	9.1	**63/2**	71C 2
560	5.0	12	9.1	**63/2**	71C 2
500	5.6	14	9.2	**63/2**	71C 2
452	6.2	15	8.6	**63/2**	71C 2
431	6.5	16	8.5	**63/2**	71C 2
378	7.4	18	7.8	**63/2**	71C 2
356	3.9	19	5.8	**63/2**	80B 4
323	4.3	21	6.2	**63/2**	80B 4
278	5.0	24	5.7	**63/2**	80B 4
248	5.6	27	5.8	**63/2**	80B 4
224	6.2	30	5.3	**63/2**	80B 4
214	6.5	32	5.3	**63/2**	80B 4
188	7.4	36	5.0	**63/2**	80B 4
174	8.0	39	5.1	**63/2**	80B 4
154	9.0	44	4.8	**63/2**	80B 4
134	10.4	51	4.3	**63/2**	80B 4
118	11.8	58	4.1	**63/2**	80B 4
97	14.4	70	3.1	**63/2**	80B 4

1.7 Prestazioni motoriduttori PMP - PCP - PMF - PCF

1.7 PMP - PCP - PMF - PCF Gearmotors performances

1.7 Характеристики мотор-редукторов

0.75 kW

n_1= 2800 min^{-1} 71C 2
n_1= 1390 min^{-1} 80B 4
n_1= 910 min^{-1}1 80C 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	Motor
82	16.9	83	3.0	**63/2**	80B 4
70	19.8	97	2.6	**63/2**	80B 4
58	24.1	118	1.9	**63/2**	80B 4
55	25.3	124	3.3	**71/2**	80B 4
53	26.1	128	1.9	**63/2**	80B 4
48	28.8	141	3.3	**71/2**	80B 4
44	31.7	155	1.5	**63/2**	80B 4
42	33.1	162	2.5	**71/2**	80B 4
38	36.6	179	1.4	**63/2**	80B 4
37	37.3	183	2.2	**71/2**	80B 4
35	39.5	189	2.4	**71/3**	80B 4
32	43.4	208	1.2	**63/3**	80B 4
30	47.0	225	1.1	**63/3**	80B 4
28	50.5	247	1.9	**71/2**	80B 4
26	53.3	255	1.0	**63/3**	80B 4
25	55.2	265	3.4	**90/3**	80B 4
24	57.2	274	0.9	**63/3**	80B 4
23	60.8	291	1.6	**71/3**	80B 4
22	61.8	296	0.8	**63/3**	80B 4
22	62.3	299	3.0	**90/3**	80B 4
22	64.2	308	1.5	**71/3**	80B 4
18.4	75.4	361	1.3	**71/3**	80B 4
18.2	76.3	366	2.5	**90/3**	80B 4
16.8	82.8	397	2.3	**90/3**	80B 4
16.0	86.8	416	1.1	**71/3**	80B 4
15.2	91.5	438	1.0	**71/3**	80B 4
14.9	93.3	447	2.0	**90/3**	80B 4
12.9	107.5	515	0.9	**71/3**	80B 4
12.8	108.4	519	3.4	**112/3**	80B 4
10.8	128.3	615	2.8	**112/3**	80B 4
9.9	141.0	676	1.3	**90/3**	80B 4
8.3	167.0	800	2.2	**112/3**	80B 4
7.8	178.1	853	1.1	**90/3**	80B 4
6.3	220.9	1059	1.7	**112/3**	80B 4
6.2	224.4	1075	0.8	**90/3**	80B 4
5.0	278.1	1333	1.3	**112/3**	80B 4
4.1	220.9	1617	1.2	**112/3**	80C 6
3.3	278.1	2036	0.9	**112/3**	80C 6

0.88 kW

n_1= 1350 min^{-1} 80C 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	Motor
450	3.0	18	4.5	**63/2**	80C 4
346	3.9	23	4.8	**63/2**	80C 4
314	4.3	25	5.1	**63/2**	80C 4
270	5.0	30	4.7	**63/2**	80C 4
241	5.6	33	4.8	**63/2**	80C 4
218	6.2	37	4.4	**63/2**	80C 4
208	6.5	38	4.4	**63/2**	80C 4
182	7.4	44	4.1	**63/2**	80C 4
169	8.0	47	4.2	**63/2**	80C 4
150	9.0	53	3.9	**63/2**	80C 4
130	10.4	62	3.6	**63/2**	80C 4
114	11.8	70	3.4	**63/2**	80C 4
100	13.5	80	3.1	**63/2**	80C 4
94	14.4	85	2.6	**63/2**	80C 4

0.88 kW

n_1= 1350 min^{-1} 80C 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	Motor
80	16.9	100	2.5	**63/2**	80C 4
68	19.8	117	2.1	**63/2**	80C 4
66	20.5	121	1.9	**63/2**	80C 4
56	24.1	143	1.6	**63/2**	80C 4
53	25.3	150	2.7	**71/2**	80C 4
43	31.7	187	1.3	**63/2**	80C 4
41	33.1	196	2.1	**71/2**	80C 4
34	39.5	229	2.0	**71/3**	80C 4
31	43.4	251	1.0	**63/3**	80C 4
29	47.0	272	0.9	**63/3**	80C 4
28	48.8	283	3.2	**90/3**	80C 4
27	50.5	299	1.5	**71/2**	80C 4
22	60.8	352	1.3	**71/3**	80C 4
22	62.3	361	2.5	**90/3**	80C 4
17.9	75.4	437	1.1	**71/3**	80C 4
17.7	76.3	442	2.1	**90/3**	80C 4
16.3	82.8	479	1.9	**90/3**	80C 4
15.6	86.8	503	0.9	**71/3**	80C 4
14.8	91.5	530	0.9	**71/3**	80C 4
14.5	93.3	540	1.7	**90/3**	80C 4
14.4	93.6	542	3.2	**112/3**	80C 4
13.6	99.3	575	0.8	**71/3**	80C 4
13.4	100.6	582	1.6	**90/3**	80C 4
12.5	108.4	628	2.8	**112/3**	80C 4
12.4	108.9	630	1.4	**90/3**	80C 4
11.5	117.2	679	2.6	**112/3**	80C 4
10.8	125.0	724	1.3	**90/3**	80C 4
9.1	148.0	857	2.0	**112/3**	80C 4
8.7	155.2	899	1.0	**90/3**	80C 4
7.6	178.1	1031	0.9	**90/3**	80C 4
7.0	191.5	1109	1.6	**112/3**	80C 4
6.1	220.9	1279	1.4	**112/3**	80C 4
4.9	278.1	1610	1.1	**112/3**	80C 4

1.1 kW

n_1= 2830 min^{-1} 80B 2
n_1= 1390 min^{-1} 80D 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	Motor
943	3.0	11	7.3	**63/2**	80B 2
726	3.9	14	6.5	**63/2**	80B 2
658	4.3	15	6.3	**63/2**	80B 2
566	5.0	18	6.2	**63/2**	80B 2
505	5.6	20	6.3	**63/2**	80B 2
463	3.0	22	3.7	**63/2**	80D 4
356	3.9	28	3.9	**63/2**	80D 4
323	4.3	31	4.2	**63/2**	80D 4
278	5.0	36	3.9	**63/2**	80D 4
248	5.6	40	4.0	**63/2**	80D 4
224	6.2	45	3.6	**63/2**	80D 4
214	6.5	47	3.6	**63/2**	80D 4
188	7.4	53	3.4	**63/2**	80D 4
174	8.0	57	3.5	**63/2**	80D 4
154	9.0	65	3.2	**63/2**	80D 4
134	10.4	75	2.9	**63/2**	80D 4
118	11.8	85	2.8	**63/2**	80D 4
103	13.5	97	2.6	**63/2**	80D 4

1.1 kW

n_1= 2830 min^{-1} 80B 2
n_1= 1390 min^{-1} 80D 4
n_1= 1400 min^{-1} 90S 4
n_1= 920 min^{-1} 90L 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	Motor
97	14.4	103	2.1	**63/2**	80D 4
82	16.9	121	2.1	**63/2**	80D 4
74	18.7	134	3.4	**71/2**	80D 4
70	19.8	142	1.8	**63/2**	80D 4
69	20.2	145	3.2	**71/2**	80D 4
68	20.5	147	1.6	**63/2**	80D 4
63	21.9	157	2.9	**71/2**	80D 4
58	24.1	173	1.3	**63/2**	80D 4
53	26.1	187	1.3	**63/2**	80D 4
48	28.8	207	2.2	**71/2**	80D 4
44	31.7	228	1.1	**63/2**	80D 4
42	33.1	238	1.7	**71/2**	80D 4
38	36.6	263	1.0	**63/2**	80D 4
37	37.3	268	1.5	**71/2**	80D 4
36	38.7	272	3.3	**90/3**	80D 4
35	39.5	278	1.7	**71/3**	80D 4
32	43.4	305	0.8	**63/3**	80D 4
32	43.7	307	3.0	**90/3**	80D 4
31	44.7	321	1.4	**71/2**	80D 4
28	48.8	343	2.7	**90/3**	80D 4
28	50.5	363	1.3	**71/2**	80D 4
26	53.5	376	1.2	**71/3**	80D 4
25	55.2	388	2.3	**90/3**	80D 4
23	60.8	427	1.1	**71/3**	80D 4
22	62.3	438	2.1	**90/3**	80D 4
22	64.2	451	1.0	**71/3**	80D 4
19.7	70.6	496	1.8	**90/3**	80D 4
19.1	72.6	510	3.4	**112/3**	80D 4
18.4	75.4	530	0.9	**71/3**	80D 4
18.2	76.3	536	1.7	**90/3**	80D 4
17.7	78.5	552	3.2	**112/3**	80D 4
16.8	82.8	582	1.6	**90/3**	80D 4
15.9	87.3	614	2.9	**112/3**	80D 4
14.9	93.3	656	1.4	**90/3**	80D 4
14.9	93.6	658	2.7	**112/3**	80D 4
13.8	100.6	707	1.3	**90/3**	80D 4
12.8	108.4	762	2.3	**112/3**	80D 4
11.9	117.2	824	2.1	**112/3**	80D 4
11.1	125.0	879	1.0	**90/3**	80D 4
10.8	128.3	902	1.9	**112/3**	80D 4
9.9	141.0	991	0.9	**90/3**	80D 4
9.4	148.0	1040	1.7	**112/3**	80D 4
9.0	155.2	1091	0.8	**90/3**	80D 4
8.3	167.0	1174	1.5	**112/3**	80D 4
7.3	191.5	1346	1.3	**112/3**	80D 4
6.3	220.9	1553	1.1	**112/3**	80D 4
5.8	241.0	1694	1.0	**112/3**	80D 4
5.0	278.1	1955	0.9	**112/3**	80D 4

1.7 Prestazioni motoriduttori PMP - PCP - PMF - PCF

1.7 *PMP - PCP - PMF - PCF Gearmotors performances*

1.7 Характеристики мотор-редукторов

1.5 kW — n_1= 2830 min^{-1} 80C 2; n_1= 1400 min^{-1} 90L 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
943	3.0	14	5.3	**63/2**	80C 2
884	3.2	15	9.1	**71/2**	80C 2
726	3.9	19	4.8	**63/2**	80C 2
658	4.3	21	4.6	**63/2**	80C 2
566	5.0	24	4.6	**63/2**	80C 2
505	5.6	27	4.6	**63/2**	80C 2
467	3.0	29	2.7	**63/2**	90L 4
359	3.9	38	2.9	**63/2**	90L 4
326	4.3	42	3.1	**63/2**	90L 4
280	5.0	49	2.9	**63/2**	90L 4
250	5.6	54	2.9	**63/2**	90L 4
226	6.2	60	2.7	**63/2**	90L 4
215	6.5	63	2.7	**63/2**	90L 4
189	7.4	72	2.5	**63/2**	90L 4
175	8.0	78	2.6	**63/2**	90L 4
156	9.0	87	2.4	**63/2**	90L 4
135	10.4	101	2.2	**63/2**	90L 4
119	11.8	115	2.0	**63/2**	90L 4
114	12.3	120	2.5	**71/2**	90L 4
104	13.5	131	1.9	**63/2**	90L 4
100	14.0	136	3.3	**71/2**	90L 4
97	14.4	140	1.6	**63/2**	90L 4
87	16.1	157	2.9	**71/2**	90L 4
83	16.9	164	1.5	**63/2**	90L 4
81	17.3	168	2.7	**71/2**	90L 4
75	18.7	182	2.5	**71/2**	90L 4
71	19.8	192	1.3	**63/2**	90L 4
69	20.2	196	2.3	**71/2**	90L 4
68	20.5	199	1.2	**63/2**	90L 4
64	21.9	213	2.2	**71/2**	90L 4
58	24.1	234	1.0	**63/2**	90L 4
55	25.3	246	1.7	**71/2**	90L 4
54	26.1	254	0.9	**63/2**	90L 4
49	28.8	280	1.6	**71/2**	90L 4
46	30.5	296	3.1	**90/2**	90L 4
42	33.1	322	1.3	**71/2**	90L 4
40	35.0	340	2.5	**90/2**	90L 4
38	37.3	363	1.1	**71/2**	90L 4
35	39.5	376	1.2	**71/3**	90L 4
32	44.1	429	2.0	**90/2**	90L 4
31	44.7	435	1.1	**71/2**	90L 4
28	50.5	491	0.9	**71/2**	90L 4
28	50.9	495	1.7	**90/2**	90L 4
26	53.5	509	0.9	**71/3**	90L 4
25	55.2	525	1.7	**90/3**	90L 4
24	58.5	557	3.1	**112/3**	90L 4
22	62.3	593	1.5	**90/3**	90L 4
22	62.7	597	2.9	**112/3**	90L 4
19.8	70.6	672	1.4	**90/3**	90L 4
19.3	72.6	691	2.5	**112/3**	90L 4
18.3	76.3	726	1.3	**90/3**	90L 4
17.8	78.5	747	2.3	**112/3**	90L 4
16.9	82.8	788	1.2	**90/3**	90L 4
16.0	87.3	831	2.1	**112/3**	90L 4
15.0	93.3	888	1.0	**90/3**	90L 4
15.0	93.6	891	2.0	**112/3**	90L 4
13.9	100.6	957	1.0	**90/3**	90L 4
12.9	108.4	1032	1.7	**112/3**	90L 4
12.9	108.9	1036	0.9	**90/3**	90L 4

1.5 kW — n_1= 2830 min^{-1} 580C 2; n_1= 1400 min^{-1} 90L 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
11.9	117.2	1115	1.6	**112/3**	90L 4
10.9	128.3	1221	1.4	**112/3**	90L 4
9.5	148.0	1408	1.2	**112/3**	90L 4
8.4	167.0	1589	1.1	**112/3**	90L 4
7.3	191.5	1822	1.0	**112/3**	90L 4
6.3	220.9	2102	0.8	**112/3**	90L 4

1.8 kW — n_1= 2770 min^{-1} 80D 2; n_1= 1400 min^{-1} 90LB 4; n_1= 940 min^{-1} 100B 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
923	3.0	18	4.4	**63/2**	80D 2
710	3.9	23	3.9	**63/2**	80D 2
644	4.3	25	3.7	**63/2**	80D 2
554	5.0	29	3.7	**63/2**	80D 2
467	3.0	35	2.3	**63/2**	90LB 4
359	3.9	45	2.4	**63/2**	90LB 4
326	4.3	50	2.6	**63/2**	90LB 4
280	5.0	58	2.4	**63/2**	90LB 4
264	5.3	62	3.4	**71/2**	90LB 4
250	5.6	65	2.4	**63/2**	90LB 4
226	6.2	72	2.2	**63/2**	90LB 4
215	6.5	76	2.2	**63/2**	90LB 4
189	7.4	86	2.1	**63/2**	90LB 4
175	8.0	93	2.1	**63/2**	90LB 4
161	8.7	101	3.1	**71/2**	90LB 4
156	9.0	105	2.0	**63/2**	90LB 4
121	11.6	135	3.2	**71/2**	90LB 4
119	11.8	138	1.7	**63/2**	90LB 4
114	12.3	143	2.1	**71/2**	90LB 4
104	13.5	157	1.6	**63/2**	90LB 4
100	14.0	163	2.8	**71/2**	90LB 4
97	14.4	168	1.3	**63/2**	90LB 4
87	16.1	188	2.4	**71/2**	90LB 4
83	16.9	197	1.3	**63/2**	90LB 4
81	17.3	202	2.3	**71/2**	90LB 4
75	18.7	218	2.1	**71/2**	90LB 4
71	19.8	231	1.1	**63/2**	90LB 4
69	20.2	236	2.0	**71/2**	90LB 4
68	20.5	239	1.0	**63/2**	90LB 4
64	21.9	255	1.8	**71/2**	90LB 4
58	24.1	281	0.8	**63/2**	90LB 4
56	25.0	292	3.1	**90/2**	90LB 4
55	25.3	295	1.4	**71/2**	90LB 4
51	27.7	323	2.8	**90/2**	90LB 4
49	28.8	336	1.4	**71/2**	90LB 4
46	30.5	356	2.6	**90/2**	90LB 4
42	33.1	386	1.1	**71/2**	90LB 4
38	37.3	435	0.9	**71/2**	90LB 4
35	39.5	451	1.0	**71/3**	90LB 4
35	40.4	471	1.5	**90/2**	90LB 4
32	44.1	514	1.7	**90/2**	90LB 4
31	44.7	521	0.9	**71/2**	90LB 4
28	50.9	594	1.4	**90/2**	90LB 4
27	51.2	585	2.9	**112/3**	90LB 4
22	62.3	711	1.3	**90/3**	90LB 4
22	62.7	716	2.4	**112/3**	90LB 4
21	44,3	761	2,9	**125**	100B 6

1.8 kW — n_1= 2770 min^{-1} 80D 2; n_1= 1400 min^{-1} 90LB 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
19.8	70.6	806	1.1	**90/3**	90LB 4
19.3	72.6	829	2.1	**112/3**	90LB 4
18.3	76.3	871	1.0	**90/3**	90LB 4
17.8	78.5	896	2.0	**112/3**	90LB 4
17,7	53,1	912	2,4	**125**	100B 6
16.9	82.8	945	1.0	**90/3**	90LB 4
16,3	57,5	988	2,3	**125**	100B 6
16.0	87.3	997	1.8	**112/3**	90LB 4
15.0	93.3	1065	0.9	**90/3**	90LB 4
15.0	93.6	1069	1.6	**112/3**	90LB 4
12.9	108.4	1238	1.4	**112/3**	90LB 4
11.9	117.2	1338	1.3	**112/3**	90LB 4
10.9	128.3	1465	1.2	**112/3**	90LB 4
9.5	148.0	1690	1.0	**112/3**	90LB 4
8.4	167.0	1907	0.9	**112/3**	90LB 4
7.3	191.5	2187	0.8	**112/3**	90LB 4

2.2 kW — n_1= 2840 min^{-1} 90L 2; n_1= 1410 min^{-1} 100A 4; n_1= 940 min^{-1} 100BL 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
1092	2.6	18	6.6	**71/2**	90L 2
947	3.0	21	3.7	**63/2**	90L 2
888	3.2	22	6.2	**71/2**	90L 2
728	3.9	27	3.3	**63/2**	90L 2
660	4.3	30	3.1	**63/2**	90L 2
568	5.0	35	3.1	**63/2**	90L 2
507	5.6	39	3.2	**63/2**	90L 2
470	3.0	42	1.9	**63/2**	100A 4
441	3.2	45	3.3	**71/2**	100A 4
437	6.5	46	3.0	**63/2**	90L 2
371	3.8	54	3.3	**71/2**	100A 4
362	3.9	55	2.0	**63/2**	100A 4
328	4.3	61	3.3	**71/2**	100A 4
328	4.3	61	2.1	**63/2**	100A 4
282	5.0	71	2.0	**63/2**	100A 4
266	5.3	75	2.8	**71/2**	100A 4
252	5.6	79	2.0	**63/2**	100A 4
227	6.2	88	3.0	**71/2**	100A 4
227	6.2	88	1.8	**63/2**	100A 4
217	6.5	92	1.8	**63/2**	100A 4
199	7.1	101	3.0	**71/2**	100A 4
191	7.4	105	1.7	**63/2**	100A 4
176	8.0	113	1.8	**63/2**	100A 4
162	8.7	123	2.5	**71/2**	100A 4
157	9.0	127	1.6	**63/2**	100A 4
138	10.2	144	2.9	**71/2**	100A 4
136	10.4	147	1.5	**63/2**	100A 4
122	11.6	164	2.6	**71/2**	100A 4
119	11.8	167	1.4	**63/2**	100A 4
115	12.3	174	1.7	**71/2**	100A 4
104	13.5	191	1.3	**63/2**	100A 4
101	14.0	198	2.3	**71/2**	100A 4
98	14.4	204	1.1	**63/2**	100A 4
88	16.1	228	2.0	**71/2**	100A 4
83	16.9	239	1.0	**63/2**	100A 4
75	18.7	265	1.7	**71/2**	100A 4
71	19.8	280	3.2	**90/2**	100A 4
71	19.8	280	0.9	**63/2**	100A 4
70	20.2	286	1.6	**71/2**	100A 4
64	21.9	310	1.5	**71/2**	100A 4

1.7 Prestazioni motoriduttori PMP - PCP - PMF - PCF

2.2 kW

n_1= 2840 min^{-1} 90L 2
n_1= 1410 min^{-1} 100A 4
n_1= 940 min^{-1} 100BL 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
56	25.0	354	2.6	**90/2**	100A 4
56	25.3	358	1.1	**71/2**	100A 4
51	27.7	392	2.3	**90/2**	100A 4
49	28.8	408	1.1	**71/2**	100A 4
46	30.5	432	2.1	**90/2**	100A 4
43	33.1	469	0.9	**71/2**	100A 4
40	35.0	495	1.7	**90/2**	100A 4
35	40.4	572	1.3	**90/2**	100A 4
35	40.7	576	3.0	**112/2**	100A 4
32	44,3	620	3,5	**125**	100A 4
28	50.9	721	1.2	**90/2**	100A 4
28	51.2	710	2.4	**112/3**	100A 4
27	53,1	7434	3,0	**125**	100A 4
25	57,5	805	2,7	**125**	100A 4
23	62.3	863	1.1	**90/3**	100A 4
22	62.7	869	2.0	**112/3**	100A 4
21,2	44,3	930	2,4	**125**	100BL 6
21	67.4	934	1.9	**112/3**	100A 4
20	141.0	970	0.9	**90/3**	90L 2
18.5	76.3	1057	0.9	**90/3**	100A 4
18.0	78.5	1088	1.6	**112/3**	100A 4
17,7	53,1	1115	2,0	**125**	100BL 6
16,3	57,5	1208	1,8	**125**	100BL 6
16.2	87.3	1210	1.4	**112/3**	100A 4
15.1	93.6	1297	1.3	**112/3**	100A 4
13.0	108.4	1502	1.2	**112/3**	100A 4
12.0	117.2	1624	1.1	**112/3**	100A 4
11.0	128.3	1778	1.0	**112/3**	100A 4
9.5	148.0	2051	0.9	**112/3**	100A 4

3 kW

n_1= 2840 min^{-1} 90LB 2
n_1= 1420 min^{-1} 100B 4
n_1= 940 min^{-1} 112B 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
1092	2.6	25	4.8	**71/2**	90LB 2
947	3.0	29	2.7	**63/2**	90LB 2
888	3.2	31	4.6	**71/2**	90LB 2
728	3.9	37	2.4	**63/2**	90LB 2
660	4.3	41	2.3	**63/2**	90LB 2
568	5.0	48	2.3	**63/2**	90LB 2
546	2.6	50	2.6	**71/2**	100B 4
473	3.0	58	1.4	**63/2**	100B 4
444	3.2	61	2.4	**71/2**	100B 4
374	3.8	73	2.4	**71/2**	100B 4
364	3.9	75	1.5	**63/2**	100B 4
330	4.3	82	2.4	**71/2**	100B 4
330	4.3	82	1.6	**63/2**	100B 4
284	5.0	96	1.5	**63/2**	100B 4
268	5.3	102	2.1	**71/2**	100B 4
254	5.6	107	1.5	**63/2**	100B 4
229	6.2	119	2.2	**71/2**	100B 4
229	6.2	119	1.3	**63/2**	100B 4
218	6.5	125	1.4	**63/2**	100B 4
200	7.1	136	2.2	**71/2**	100B 4
192	7.4	142	1.3	**63/2**	100B 4

1.7 *PMP - PCP - PMF - PCF Gearmotors performances*

3 kW

n_1= 2840 min^{-1} 90LB 2
n_1= 1420 min^{-1} 100B 4
n_1= 940 min^{-1} 112B 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
178	8.0	153	1.3	**63/2**	100B 4
163	8.7	167	3.4	**90/2**	100B 4
163	8.7	167	1.9	**71/2**	100B 4
158	9.0	173	1.2	**63/2**	100B 4
153	9.3	178	3.1	**90/2**	100B 4
137	10.4	199	1.1	**63/2**	100B 4
122	11.6	222	1.9	**71/2**	100B 4
120	11.8	226	1.0	**63/2**	100B 4
115	12.3	236	1.3	**71/2**	100B 4
105	13.5	259	1.0	**63/2**	100B 4
101	14.0	268	3.4	**90/2**	100B 4
101	14.0	268	1.7	**71/2**	100B 4
89	16.0	307	3.0	**90/2**	100B 4
88	16.1	309	1.5	**71/2**	100B 4
83	17.1	328	2.8	**90/2**	100B 4
82	17.3	332	1.4	**71/2**	100B 4
76	18.7	358	1.3	**71/2**	100B 4
72	19.8	380	2.4	**90/2**	100B 4
70	20.2	387	1.2	**71/2**	100B 4
66	21.4	410	2.2	**90/2**	100B 4
65	21.9	420	1.1	**71/2**	100B 4
57	25.0	479	1.9	**90/2**	100B 4
56	25.3	485	0.8	**71/2**	100B 4
56	25.4	487	3.3	**112/2**	100B 4
51	27.7	531	1.7	**90/2**	100B 4
49	28.8	552	0.8	**71/2**	100B 4
49	29.1	558	3.1	**112/2**	100B 4
41	35.0	671	1.3	**90/2**	100B 4
35	40.4	774	0.9	**90/2**	100B 4
35	40.7	780	2.2	**112/2**	100B 4
32	44.1	845	1.0	**90/2**	100B 4
32	44.7	857	2.0	**112/2**	100B 4
32	44,3	839	2,6	**125**	100B 4
28	50.9	976	0.9	**90/2**	100B 4
28	51.2	961	1.8	**112/3**	100B 4
27	53,1	1007	2,2	**125**	100B 4
25	57,5	1091	2,0	**125**	100B 4
23	62.7	1176	1.5	**112/3**	100B 4
19.6	72.6	1362	1.3	**112/3**	100B 4
18.1	78.5	1473	1.2	**112/3**	100B 4
16.3	87.3	1638	1.1	**112/3**	100B 4
15.2	93.6	1756	1.0	**112/3**	100B 4
13.1	108.4	2034	0.9	**112/3**	100B 4

4 kW

n_1= 2860 min^{-1} 100B 2
n_1= 1410 min^{-1} 100BL 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
1100	2.6	33	3.6	**71/2**	100B 2
953	3.0	38	2.0	**63/2**	100B 2
894	3.2	41	3.4	**71/2**	100B 2
753	3.8	48	3.3	**71/2**	100B 2
733	3.9	49	1.8	**63/2**	100B 2
665	4.3	55	3.3	**71/2**	100B 2
665	4.3	55	1.7	**63/2**	100B 2
542	2.6	67	1.9	**71/2**	100BL 4
470	3.0	77	1.0	**63/2**	100BL 4

1.7 Характеристики мотор-редукторов

4 kW

n_1= 2860 min^{-1} 100B 2
n_1= 1410 min^{-1} 100BL 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
441	3.2	82	1.8	**71/2**	100BL 4
371	3.8	98	1.8	**71/2**	100BL 4
362	3.9	100	1.1	**63/2**	100BL 4
328	4.3	111	1.8	**71/2**	100BL 4
328	4.3	111	1.2	**63/2**	100BL 4
282	5.0	129	1.1	**63/2**	100BL 4
266	5.3	136	1.5	**71/2**	100BL 4
252	5.6	144	1.1	**63/2**	100BL 4
227	6.2	160	1.6	**71/2**	100BL 4
227	6.2	160	1.0	**63/2**	100BL 4
199	7.1	183	1.6	**71/2**	100BL 4
191	7.4	190	0.9	**63/2**	100BL 4
181	7.8	201	3.2	**90/2**	100BL 4
176	8.0	206	1.0	**63/2**	100BL 4
162	8.7	224	2.5	**90/2**	100BL 4
162	8.7	224	1.4	**71/2**	100BL 4
157	9.0	232	0.9	**63/2**	100BL 4
147	9.7	247	3.3	**90/2**	112A 4
138	10.2	263	1.6	**71/2**	100BL 4
136	10.4	268	0.8	**63/2**	100BL 4
129	10.9	281	3.1	**90/2**	100BL 4
122	11.6	299	1.4	**71/2**	100BL 4
115	12.3	317	2.9	**90/2**	100BL 4
115	12.3	317	0.9	**71/2**	100BL 4
101	14.0	360	2.5	**90/2**	100BL 4
101	14.0	360	1.2	**71/2**	100BL 4
88	16.0	412	2.2	**90/2**	100BL 4
88	16.1	414	1.1	**71/2**	100BL 4
82	17.1	440	2.1	**90/2**	100BL 4
82	17.3	445	1.0	**71/2**	100BL 4
75	18.7	481	1.0	**71/2**	100BL 4
71	19.8	510	1.8	**90/2**	100BL 4
66	21.4	551	1.7	**90/2**	100BL 4
64	21.9	564	0.8	**71/2**	100BL 4
56	25.0	643	1.4	**90/2**	100BL 4
56	25,1	639	3,3	**125**	100BL 4
56	25.4	654	2.5	**112/2**	100BL 4
51	27.7	713	1.3	**90/2**	100BL 4
48	29.1	749	2.3	**112/2**	100BL 4
47	30,2	769	2,9	**125**	100BL 4
46	30.5	785	1.2	**90/2**	100BL 4
40	35.0	901	0.9	**90/2**	100BL 4
37	38,2	972	2,4	**125**	100BL 4
36	38.9	1001	1.7	**112/2**	100BL 4
32	43.7	1101	0.8	**90/3**	100BL 4
32	44,3	1127	2,0	**125**	100BL 4
32	44.7	1150	1.5	**112/2**	100BL 4
28	51.2	1290	1.3	**112/3**	100BL 4
27	53,1	1352	1,6	**125**	100BL 4
25	57,5	1464	1,5	**125**	100BL 4
24	58.5	1474	1.2	**112/3**	100BL 4
21	67.4	1698	1.0	**112/3**	100BL 4
19.4	72.6	1829	1.0	**112/3**	100BL 4
18.0	78.5	1978	0.9	**112/3**	100BL 4

1.7 Prestazioni motoriduttori PMP - PCP - PMF - PCF

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	Motor

5.5 kW — n_1= 2880 min^{-1} 112B 2; n_1= 1400 min^{-1} 112BL 4

1108	2.6	45	2.7	**71/2**	112B 2
960	3.0	52	1.5	**63/2**	112B 2
900	3.2	55	2.5	**71/2**	112B 2
758	3.8	66	2.4	**71/2**	112B 2
738	3.9	68	1.3	**63/2**	112B 2
670	4.3	75	2.4	**71/2**	112B 2
670	4.3	75	1.3	**63/2**	112B 2
576	5.0	87	1.3	**63/2**	112B 2
543	5.3	92	2.0	**71/2**	112B 2
538	2.6	93	1.4	**71/2**	112BL 4
519	2.7	96	3.4	**90/2**	112BL 4
438	3.2	114	1.3	**71/2**	112BL 4
368	3.8	135	1.3	**71/2**	112BL 4
333	4.2	150	3.2	**90/2**	112BL 4
326	4.3	153	1.3	**71/2**	112BL 4
326	4.3	153	0.8	**63/2**	112BL 4
264	5.3	189	2.8	**90/2**	112BL 4
264	5.3	189	1.1	**71/2**	112BL 4
250	5.6	200	0.8	**63/2**	112BL 4
237	5.9	210	2.7	**90/2**	112BL 4
226	6.2	221	1.2	**71/2**	112BL 4
209	6.7	239	2.5	**90/2**	112BL 4
197	7.1	253	1.2	**71/2**	112BL 4
179	7.8	278	2.3	**90/2**	112BL 4
161	8.7	310	1.8	**90/2**	112BL 4
161	8.7	310	1.0	**71/2**	112BL 4
151	9.3	331	1.7	**90/2**	112BL 4
144	9.7	346	3.2	**112/2**	112BL 4
137	10.2	364	1.2	**71/2**	112BL 4
128	10.9	388	2.2	**90/2**	112BL 4
126	11.1	396	2.8	**112/2**	112BL 4
114	12.3	438	2.1	**90/2**	112BL 4
113	12.4	442	3.2	**112/2**	112BL 4
100	14.0	499	1.8	**90/2**	112BL 4
100	14.0	499	0.9	**71/2**	112BL 4
97	14.5	517	3.0	**112/2**	112BL 4
93	15,1	531	3,6	**125**	112BL 4
88	16.0	570	1.6	**90/2**	112BL 4
87	16.1	574	0.8	**71/2**	112BL 4
86	16.3	581	2.8	**112/2**	112BL 4
82	17.1	609	1.5	**90/2**	112BL 4
79	17.7	631	2.7	**112/2**	112BL 4
71	19.8	706	1.3	**90/2**	112BL 4
70	19,9	701	2,9	**125**	112BL 4
69	20.2	720	2.4	**112/2**	112BL 4
65	21.4	763	1.2	**90/2**	112BL 4
65	21.7	773	2.3	**112/2**	112BL 4
56	25.0	891	1.0	**90/2**	112BL 4
56	25,1	885	2,4	**125**	112BL 4
55	25.4	905	1.8	**112/2**	112BL 4
48	29.1	1037	1.7	**112/2**	112BL 4
46	30,2	1065	2,1	**125**	112BL 4
46	30.5	1087	0.8	**90/2**	112BL 4
43	32.3	1151	1.5	**112/2**	112BL 4
37	38,2	1347	1,7	**125**	112BL 4
36	38.9	1386	1.3	**112/2**	112BL 4
34	40.7	1451	1.2	**112/2**	112BL 4
32	44,3	1561	1,4	**125**	112BL 4
31	44.7	1593	1.1	**112/2**	112BL 4

1.7 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	Motor

5.5 kW — n_1= 2880 min^{-1} 112B 2; n_1= 1400 min^{-1} 112BL 4

29	48.9	1743	1.0	**112/2**	112BL 4
26	53,1	1872	1,2	**125**	112BL 4
24	57,5	2028	1,1	**125**	112BL 4
24	58.5	2041	0.9	**112/3**	112BL 4

7.5 kW — n_1= 2860 min^{-1} 112BL 2; n_1= 1440 min^{-1} 132M 4

1100	2.6	62	1.9	**71/2***	112BL 2
953	3.0	71	1.1	**63/2***	112BL 2
894	3.2	76	1.8	**71/2***	112BL 2
753	3.8	90	1.8	**71/2***	112BL 2
733	3.9	93	1.0	**63/2***	112BL 2
665	4.3	102	1.8	**71/2***	112BL 2
665	4.3	102	0.9	**63/2***	112BL 2
572	5.0	119	0.9	**63/2***	112BL 2
540	5.3	126	1.4	**71/2***	112BL 2
533	2.7	128	2.6	**90/2**	132M 4
485	5.9	140	3.2	**90/2**	112BL 2
461	6.2	148	1.6	**71/2***	112BL 2
461	6.2	148	0.9	**63/2***	112BL 2
403	7.1	169	1.6	**71/2***	112BL 2
367	7.8	186	2.8	**90/2**	112BL 2
343	4.2	198	2.4	**90/2**	132M 4
272	5.3	250	2.1	**90/2**	132M 4
244	5.9	279	2.0	**90/2**	132M 4
236	6.1	288	3.3	**112/2**	132M 4
215	6.7	317	1.9	**90/2**	132M 4
212	6.8	321	3.1	**112/2**	132M 4
185	7.8	369	1.8	**90/2**	132M 4
182	7.9	373	2.8	**112/2**	132M 4
166	8.7	411	1.4	**90/2**	132M 4
162	8.9	421	2.6	**112/2**	132M 4
148	9.7	458	2.4	**112/2**	132M 4
148	9.7	458	1.8	**90/2**	132M 4
132	10.9	515	1.7	**90/2**	132M 4
130	11.1	525	2.1	**112/2**	132M 4
117	12.3	581	1.6	**90/2**	132M 4
116	12.4	586	2.4	**112/2**	132M 4
115	12,5	585	3,1	**125**	132M 4
103	14.0	662	1.4	**90/2**	132M 4
99	14.5	685	2.3	**112/2**	132M 4
96	15,1	704	2,7	**125**	132M 4
90	16.0	756	1.2	**90/2**	132M 4
88	16.3	770	2.1	**112/2**	132M 4
84	17.1	808	1.1	**90/2**	132M 4
81	17.7	836	2.0	**112/2**	132M 4
73	19.8	936	1.0	**90/2**	132M 4
72	19,9	929	2,2	**125**	132M 4
71	20.2	955	1.8	**112/2**	132M 4
67	21.4	1011	0.9	**90/2**	132M 4
66	21.7	1025	1.7	**112/2**	132M 4
57	25,1	1174	1,8	**125**	132M 4
57	25.4	1200	1.3	**112/2**	132M 4
49	29.1	1375	1.3	**112/2**	132M 4
48	30,2	1412	1,6	**125**	132M 4

1.7 Характеристики мотор-редукторов

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	Motor

7.5 kW — n_1= 2860 min^{-1} 112BL 2; n_1= 1440 min^{-1} 132M 4

45	32.3	1526	1.1	**112/2**	132M 4
38	38,2	1785	1,3	**125**	132M 4
37	38.9	1838	1.0	**112/2**	132M 4
35	40.7	1923	0.9	**112/2**	132M 4
33	44,3	2069	1,1	**125**	132M 4
32	44.7	2112	0.8	**112/2**	132M 4
27	53,1	2482	0,9	**125**	132M 4
25	57,5	2688	0,8	**125**	132M 4

9.2 kW — n_1= 1450 min^{-1} 132ML 4

537	2.7	155	2.1	**90/2**	132ML 4
426	3.4	196	3.3	**112/2**	132ML 4
363	4.0	230	3.3	**112/2**	132ML 4
345	4.2	242	2.0	**90/2**	132ML 4
315	4.6	265	3.1	**112/2**	132ML 4
274	5.3	305	1.7	**90/2**	132ML 4
246	5.9	340	1.6	**90/2**	132ML 4
238	6.1	351	2.7	**112/2**	132ML 4
216	6.7	386	1.6	**90/2**	132ML 4
213	6.8	391	2.5	**112/2**	132ML 4
186	7.8	449	1.4	**90/2**	132ML 4
184	7.9	455	2.3	**112/2**	132ML 4
167	8.7	501	1.1	**90/2**	132ML 4
163	8.9	512	2.1	**112/2**	132ML 4
156	9.3	535	1.0	**90/2**	132ML 4
149	9.7	558	2.0	**112/2**	132ML 4
149	9.7	558	1.5	**90/2**	132ML 4
147	9,9	561	2,9	**125**	132ML 4
133	10.9	627	1.4	**90/2**	132ML 4
131	11.1	639	1.7	**112/2**	132ML 4
118	12.3	708	1.3	**90/2**	132ML 4
117	12.4	714	2.0	**112/2**	132ML 4
116	12,5	712	2,5	**125**	132ML 4
104	14.0	806	1.1	**90/2**	132ML 4
100	14.5	835	1.9	**112/2**	132ML 4
96	15,1	857	2,2	**125**	132ML 4
91	16.0	921	1.0	**90/2**	132ML 4
89	16.3	938	1.7	**112/2**	132ML 4
85	17.1	984	0.9	**90/2**	132ML 4
82	17.7	1019	1.7	**112/2**	132ML 4
73	19,9	1132	1,8	**125**	132ML 4
72	20.2	1163	1.5	**112/2**	132ML 4
67	21.7	1249	1.4	**112/2**	132ML 4
58	25,1	1430	1,5	**125**	132ML 4
57	25.4	1462	1.1	**112/2**	132ML 4
50	29.1	1675	1.0	**112/2**	132ML 4
48	30,2	1720	1,3	**125**	132ML 4
45	32.3	1859	0.9	**112/2**	132ML 4
38	38,2	2175	1,1	**125**	132ML 4
33	44,3	2520	0,9	**125**	132ML 4
27	53,1	3023	0,7	**125**	132ML 4
25	57,5	3275	0,7	**125**	132ML 4

1.7 Prestazioni motoriduttori PMP - PCP - PMF - PCF

1.7 PMP - PCP - PMF - PCF Gearmotors performances

1.7 Характеристики мотор-редукторов

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	

11 kW

n_1= 2940 min^{-1} 132M 2
n_1= 1455 min^{-1} 160M 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
1089	2.7	92	2.9	**90/2***	132M 2
865	3.4	115	4.5	**112/2**	132M 2
700	4.2	143	2.7	**90/2***	132M 2
555	5.3	180	2.4	**90/2***	132M 2
502	2.9	199	3.0	**112/2**	160M 4
428	3.4	233	2.7	**112/2**	160M 4
364	4.0	274	2.7	**112/2**	160M 4
316	4.6	316	2.6	**112/2**	160M 4
267	5,4	369	2,7	**125**	160M 4
239	6.1	418	2.3	**112/2**	160M 4
222	6,5	444	2,7	**125**	160M 4
214	6.8	466	2.1	**112/2**	160M 4
184	7.9	542	1.9	**112/2**	160M 4
178	8,2	556	2,7	**125**	160M 4
163	8.9	610	1.8	**112/2**	160M 4
150	9.7	665	1.7	**112/2**	160M 4
148	9,9	669	2,4	**125**	160M 4
131	11.1	761	1.4	**112/2**	160M 4
117	12.4	851	1.7	**112/2**	160M 4
116	12,5	849	2,1	**125**	160M 4
100	14.5	995	1.6	**112/2**	160M 4
97	15,1	1021	1,9	**125**	160M 4
89	16.3	1118	1.5	**112/2**	160M 4
82	17.7	1214	1.4	**112/2**	160M 4
73	19,9	1349	1,5	**125**	160M 4
72	20.2	1386	1.3	**112/2**	160M 4
67	21.7	1488	1.2	**112/2**	160M 4
58	25,1	1704	1,2	**125**	160M 4
57	25.4	1742	0.9	**112/2**	160M 4
50	29.1	1996	0.9	**112/2**	160M 4
48	30,2	2050	1,1	**125**	160M 4
38	38,2	2591	0,9	**125**	160M 4
33	44,3	3003	0,7	**125**	160M 4

15 kW

n_1= 2900 min^{-1} 132ML 2
n_1= 1455 min^{-1} 160L 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
1074	2.7	127	2.1	**90/2***	132ML 2
853	3.4	160	3.3	**112/2**	132ML 2
725	4.0	188	3.2	**112/2**	132ML 2
690	4.2	197	2.0	**90/2***	132ML 2
630	4.6	216	3.1	**112/2**	132ML 2
547	5.3	249	1.7	**90/2***	132ML 2
502	2.9	271	2.2	**112/2**	160L 4
428	3.4	318	2.0	**112/2**	160L 4
364	4.0	374	2.0	**112/2**	160L 4
316	4.6	430	1.9	**112/2**	160L 4
267	5,4	503	2,0	**125**	160L 4
239	6.1	571	1.7	**112/2**	160L 4
222	6,5	606	2,0	**125**	160L 4
214	6.8	636	1.6	**112/2**	160L 4
184	7.9	739	1.4	**112/2**	160L 4
178	8,2	758	2,0	**125**	160L 4
163	8.9	832	1.3	**112/2**	160L 4
150	9.7	907	1.2	**112/2**	160L 4
148	9,9	912	1,8	**125**	160L 4
131	11.1	1038	1.1	**112/2**	160L 4

15 kW

n_1= 2900 min^{-1} 132ML 2
n_1= 1455 min^{-1} 160L 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
117	12.4	1160	1.2	**112/2**	160L 4
116	12,5	1158	1,6	**125**	160L 4
100	14.5	1356	1.1	**112/2**	160L 4
97	15,1	1393	1,4	**125**	160L 4
89	16.3	1525	1.1	**112/2**	160L 4
82	17.7	1655	1.0	**112/2**	160L 4
73	19,9	1840	1,1	**125**	160L 4
72	20.2	1889	0.9	**112/2**	160L 4
67	21.7	2030	0.9	**112/2**	160L 4
58	25,1	2323	0,9	**125**	160L 4
48	30,2	2795	0,8	**125**	160L 4
38	38,2	3534	0,7	**125**	160L 4

18.5 kW

n_1= 2910 min^{-1} 160L 2
n_1= 1460 min^{-1} 180M 4
n_1= 970 min^{-1} 200L 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
1003	2.9	167	2.9	**112/2***	160L 2
856	3.4	196	2.7	**112/2***	160L 2
728	4.0	231	2.6	**112/2***	160L 2
633	4.6	265	2.5	**112/2***	160L 2
535	5,4	310	2,9	**125**	160L 2
477	6.1	352	2.2	**112/2***	160L 2
445	6,5	374	2,9	**125**	160L 2
428	6.8	392	2.1	**112/2***	160L 2
368	7.9	456	1.9	**112/2***	160L 2
355	8,2	467	2,9	**125**	160L 2
327	8.9	513	1.7	**112/2***	160L 2
300	9.7	559	1.6	**112/2***	160L 2
295	9,9	562	2,6	**125**	160L 2
268	5,4	635	1,6	**125**	180M 4
262	11.1	640	1.5	**112/2***	160L 2
235	12.4	715	1.6	**112/2***	160L 2
223	6,5	765	1,6	**125**	180M 4
201	14.5	836	1.5	**112/2***	160L 2
179	16.3	940	1.4	**112/2***	160L 2
178	8,2	957	1,6	**125**	180M 4
164	17.7	1021	1.4	**112/2***	160L 2
148	9,9	1151	1,4	**125**	180M 4
144	20.2	1165	1.2	**112/2***	160L 2
134	21.7	1252	1.2	**112/2***	160L 2
117	12,5	1461	1,2	**125**	180M 4
115	25.4	1465	1.0	**112/2***	160L 2
100	29.1	1678	0.9	**112/2***	160L 2
97	15,1	1758	1,1	**125**	180M 4
73	19,9	2322	0,9	**125**	180M 4
58	25,1	2933	0,7	**125**	180M 4

22 kW

n_1= 2925 min^{-1} 180M 2
n_1= 1460 min^{-1} 180L 4
n_1= 975 min^{-1} 200L 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
538	5,4	367	2,5	**125***	180M 2
447	6,5	442	2,5	**125***	180M 2
357	8,2	553	2,5	**125***	180M 2
297	9,9	665	2,2	**125***	180M 2
268	5,4	736	1,4	**125***	180L 4
223	6,5	885	1,4	**125***	180L 4

22 kW

n_1= 2925 min^{-1} 180M 2
n_1= 1460 min^{-1} 180L 4
n_1= 975 min^{-1} 200L 6

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
178	8,2	1108	1,4	**125***	180L 4
148	9,9	1333	1,2	**125***	180L 4
117	12,5	1692	1,1	**125***	180L 4
97	15,1	2036	0,9	**125***	180L 4
73	19,9	2689	0,7	**125***	180L 4

30 kW

n_1= 2945 min^{-1} 200L 2
n_1= 1465 min^{-1} 200L 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
541	5,4	497	1,8	**125***	200L 2
450	6,5	599	1,8	**125***	200L 2
360	8,2	749	1,8	**125***	200L 2
299	9,9	901	1,6	**125***	200L 2
269	5,4	1000	1,0	**125***	200L 4
224	6,5	1203	1,0	**125***	200L 4
179	8,2	1505	1,0	**125***	200L 4
149	9,9	1811	0,9	**125***	200L 4
117	12,5	2299	0,8	**125***	200L 4
97	15,1	2767	0,7	**125***	200L 4

37 kW

n_1= 2950 min^{-1} 200L 2
n_1= 1475 min^{-1} 225S 4

n_2 min^{-1}	ir	T2 Nm	FS'	PMP - PCP PMF - PCF	
542	5,4	612	1,5	**125***	200L 2
451	6,5	737	1,5	**125***	200L 2
360	8,2	922	1,5	**125***	200L 2
299	9,9	1109	1,3	**125***	200L 2
236	12,5	1408	1,2	**125***	200L 2
196	15,1	1695	1,0	**125***	200L 2
148	19,9	2238	0,8	**125***	200L 2
118	25,1	2826	0,7	**125***	200L 2

N.B.
Tutte le potenze indicate si riferiscono alla potenza meccanica dei riduttori.
Per i riduttori contrassegnati con **(*)** è opportuno effettuare la verifica della potenza limite termico secondo le indicazioni riportate nel par. A-1.7.

NOTE.
The indicated power is based on the mechanical capacities of the gearboxes.
For the gearboxes marked with (*) it is aslo necessary to obey the therminal capacity like shown on chapter A-1.7.

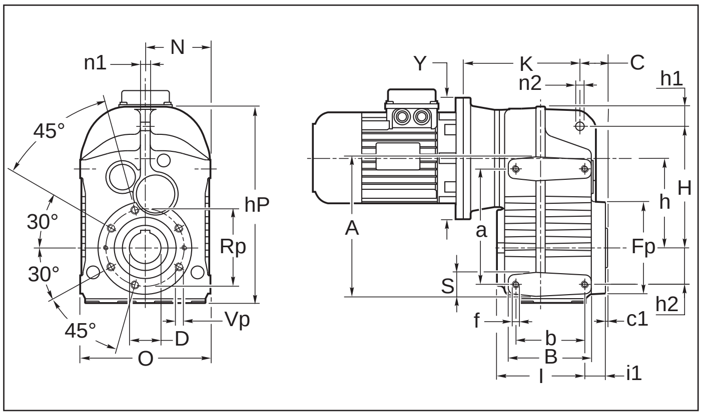
ПРИМЕЧАНИЕ.
Все приведенные значения передаваемых мощностей вычислены на основе механической мощности. Для моделей отмеченных знаком (*) всегда необходимо выполнять проверку по термической мощности (см.раздел A-1.7)

1.8 Dimensioni

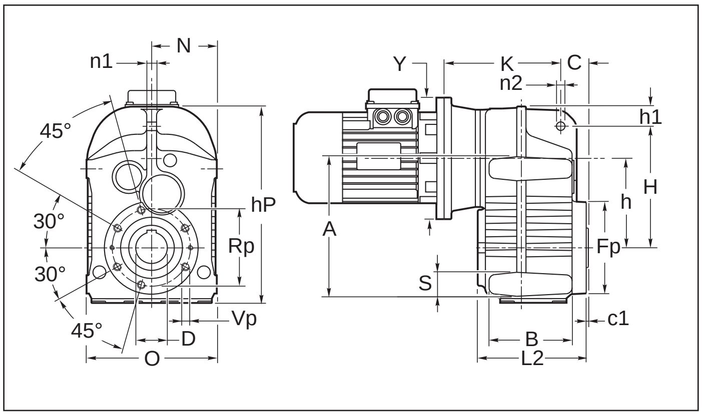
1.8 Dimensions

1.8 Размеры

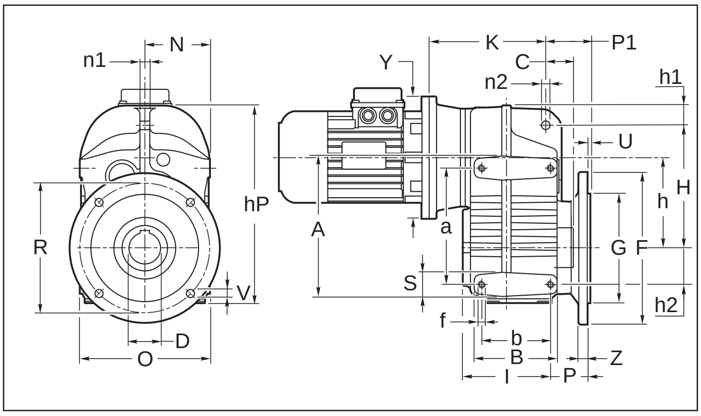
PMP



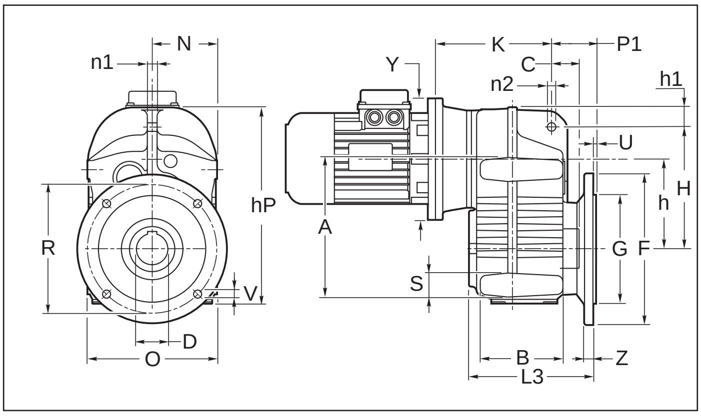
PMF



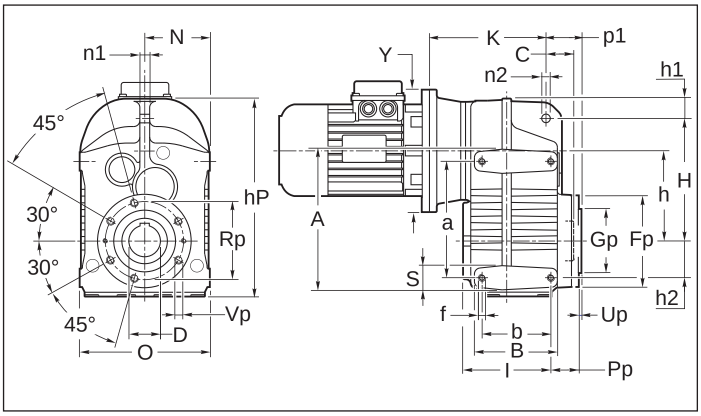
PMP F1 - F2



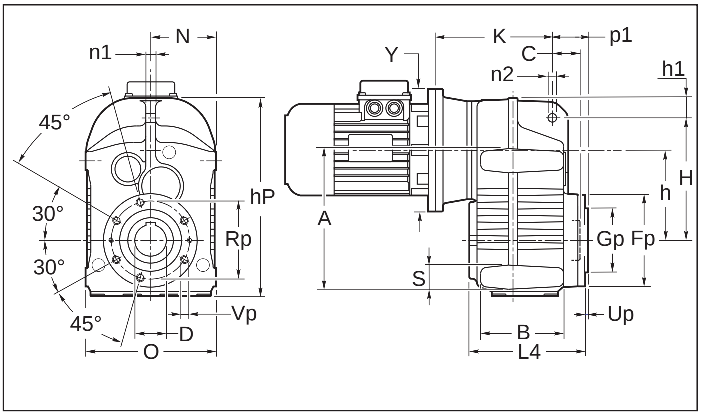
PMF F1 - F2



PMP P



PMF P



DownLoad 2D/3D Z4

Tab. 4.6

P.P P.F	a	A	b	B	C	c1	D H7	f	h	hP	H	h1	h2	I	I1	L2	L3	L4	N	n1	n2
63	115	135	77	95	31.5	2,5	30 (25) (28)	N° 8 M8x12	103.5	240	152	23.5	31	96.5	20	116.5	143	128	P.F 84.5 P.P 82.5	12	14
71	145	170	93	120	35	3	35 (30) (32)	N° 8 M10x15	117	268	165	26	43	119	28	147	175	158	P.F 92 P.P 90	12	14
90	190	220	112	135	45	3.5	40 (42) (45) (48)	N° 8 M12x17	147	324	200	33	60	143	33.5	176.5	203.5	188.5	P.F 109 P.P 106	16	14
112	240	280	140	166	50	4	50 (55)	N° 8 M16x23	184	400	255	35.5	70	172.5	32.5	205	246	219	P.F 138 P.P 135	20	22
125	310	350	125	158	44.5	2.5	55 (60) (50)	N°8 M16x30	222	502	310	45	100	157	27	169	247	169	P.P 152.5	24	22

P.P P.F	S	Fp	Gp	O	p1	P1	Pp	Rp	Up	Vp		F	G g6	P	R	U	V	Z
63	20	105	80	P.F 169 P.P 165	43.5	59	31.5	90	3	N°6 M6x12	**F1**	160	110	46.5	130	3.5	N°4 ϕ 9	10
											F2	—	—		—	—	—	—
71	25	120	80	P.F 184 P.P 180	46	63.5	39	100	3	N°6 M8x14	**F1**	200	130	56	165	3.5	N°4 ϕ 11	12
											F2	160	110		130	3.5	N°4 ϕ 9.5	10
90	30	150	105	P.F 218 P.P 212	57	72	45.5	125	3.5	N°6 M12x18	**F1**	250	180	60.5	215	4	N°4 ϕ 13.5	15
											F2	—	—		—	—	—	—
112	40	175	125	P.F 276 P.P 270	63	91	46.5	150	3.5	N°6 M14x21	**F1**	300	230	73.5	265	4	N°4 ϕ 13.5	16
											F2	—	—		—	—	—	—
125	40	200	140	305	42	110	21	165	6	N°8 M12x20	**F1**	350	250	90	300	5	N°4 ø 18	18

Tab. 4.7

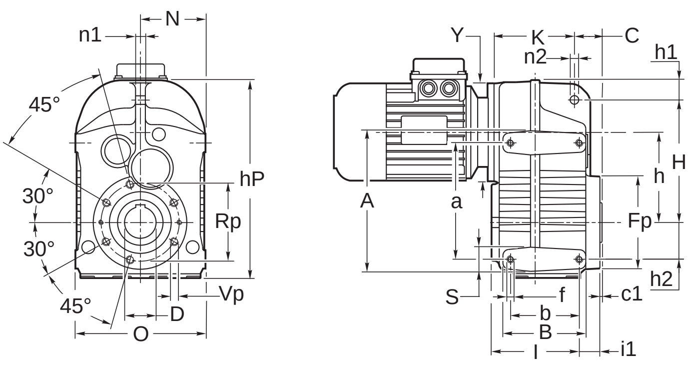
	IEC	63		71		90		112		125	
		Y	**K** (PM.)	**Y**	**K** (PM.)	**Y**	**K** (PM.)	**Y**	**K** (PM.)	**Y**	**K (PM.)**
PM. 2 stadi	**B5**	140	120 140*	160	159	200	205	250	255	250	204
		160	120 140*	200	159	250	205	300	255	300	204
		200	140	250	169	300	205	350	255	350	268
		250	150	—	—	—	—	—	—	400	273
	B14	120	140	120	159	200	205	—	—	—	—
		140	140	140	159	—	—	—	—	—	—
		160	150	160	169	—	—	—	—	—	—

	IEC	63		71		90		112	
		Y	**K** (PM.)	**Y**	**K** (PM.)	**Y**	**K** (PM.)	**Y**	**K** (PM.)
PM. 3 stadi	**B5**	140	125	140	153	160	175	200	215
		160	129	160	153 173*	200	190	250	230
		200	153	200	173	250	200	—	—
	B14	120	153	120	173	120	190	—	—
		—	—	140	173	140	190	—	—
		—	—	—	—	160	200	—	—

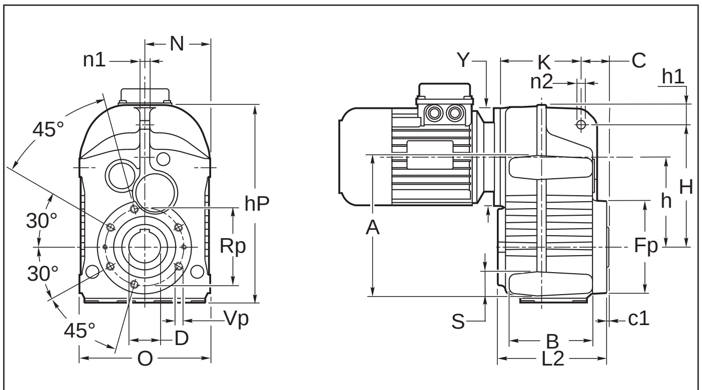
* Con calettatore in posizione standard. ** With shrink disc in standard positions.* * Со стяжной муфтой

1.8 Dimensioni — *1.8 Dimensions* — 1.8 Размеры

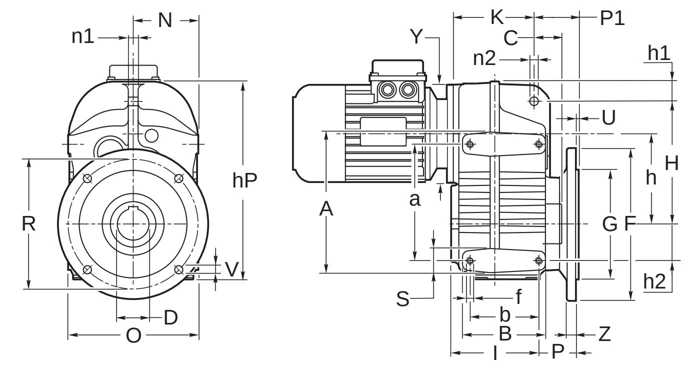
PCP



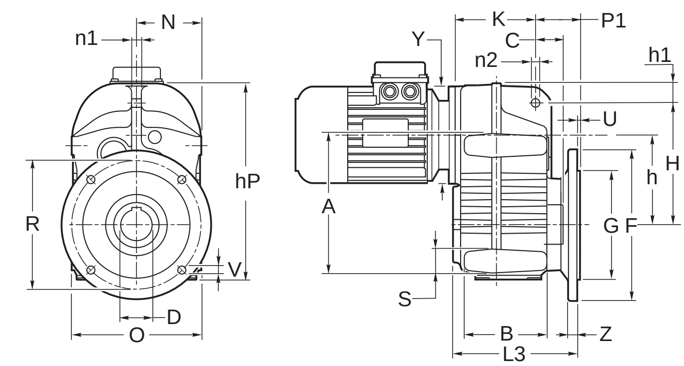
PCF



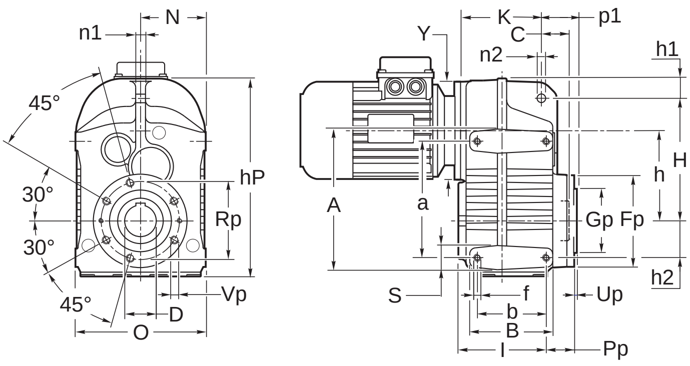
PCP F1 - F2



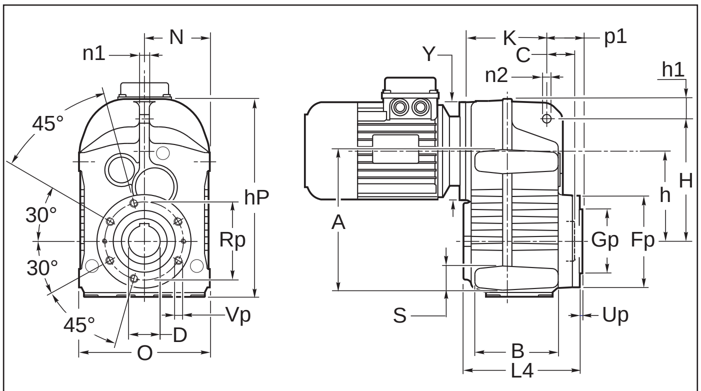
PCF F1 - F2



PCP P



PCF P



DownLoad
2D/3D

Z4

Tab. 4.8

P.P P.F	a	A	b	B	C	c1	D H7	f	h	hP	H	h1	h2	I	I1	L2	L3	L4	N	n1	n2
63	115	135	77	95	31.5	2.5	30 (25) (28)	N° 8 M8x12	103.5	240	152	23.5	31	96.5	20	116.5	143	128	P.F 84.5 P.P 82.5	12	14
71	145	170	93	120	35	3	35 (30) (32)	N° 8 M10x15	117	268	165	26	43	119	28	147	175	158	P.F 92 P.P 90	12	14
90	190	220	112	135	45	3.5	40 (42) (45) (48)	N° 8 M12x17	147	324	200	33	60	143	33.5	176.5	203.5	188.5	P.F 109 P.P 106	16	14
112	240	280	140	166	50	4	50 (55)	N° 8 M16x23	184	400	255	35.5	70	172.5	32.5	205	246	219	P.F 138 P.P 135	20	22

P.P P.F	S	Fp	Gp	O	p1	P1	Pp	Rp	Up	Vp		F	G g6	P	R	U	V	Z
63	20	105	80	P.F 169	43.5	59	31.5	90	3	N°6 M6x12	**F1**	160	110	46.5	130	3.5	N°4 ϕ 9	10
				P.P 165							**F2**	—	—		—	—	—	—
71	25	120	80	P.F 184	46	63.5	39	100	3	N°6 M8x14	**F1**	200	130	56	165	3.5	N°4 ϕ 11	12
				P.P 180							**F2**	160	110		130	3.5	N°4 ϕ 9.5	10
90	30	150	105	P.F 218	57	72	45.5	125	3.5	N°6 M12x18	**F1**	250	180	60.5	215	4	N°4 ϕ 13.5	15
				P.P 212							**F2**	—	—		—	—	—	—
112	40	175	125	P.F 276	63	91	46.5	150	3.5	N°6 M14x21	**F1**	300	230	73.5	265	4	N°4 ϕ 13.5	16
				P.P 270							**F2**	—	—		—	—	—	—

Tab. 4.9

	63		**71**		**90**		**112**	
PC. 2 stadi	**Y**	**K** (PC.)	**Y**	**K** (PC.)	**Y**	**K** (PC.)	**Y**	**K** (PC.)
	140	81	140	114	160	131	200	163

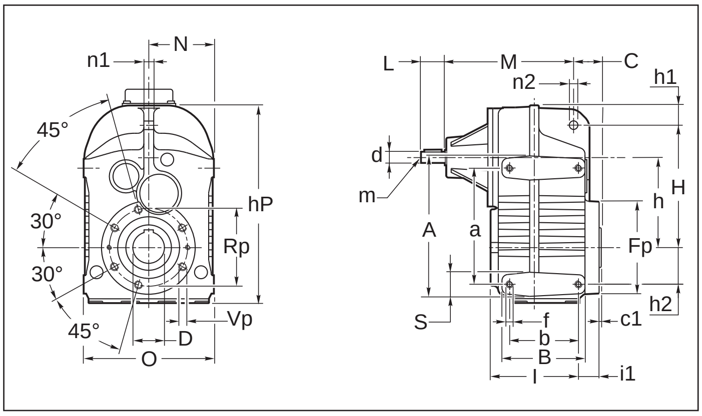
	63		**71**		**90**		**112**	
PC. 3 stadi	**Y**	**K** (PC.)	**Y**	**K** (PC.)	**Y**	**K** (PC.)	**Y**	**K** (PC.)
	140	98	140	114	160	131	200	163

1.8 Dimensioni

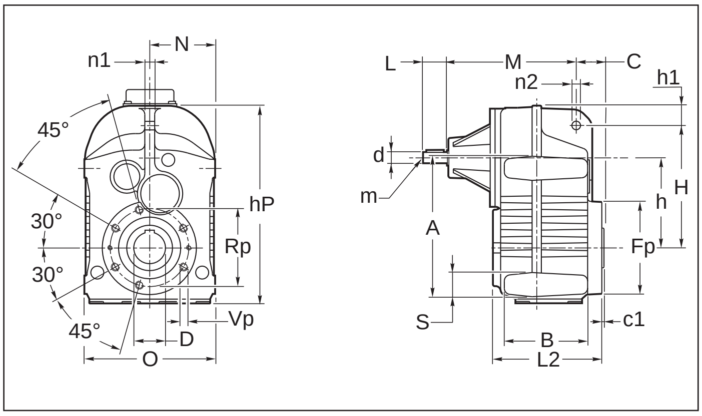
1.8 Dimensions

1.8 Размеры

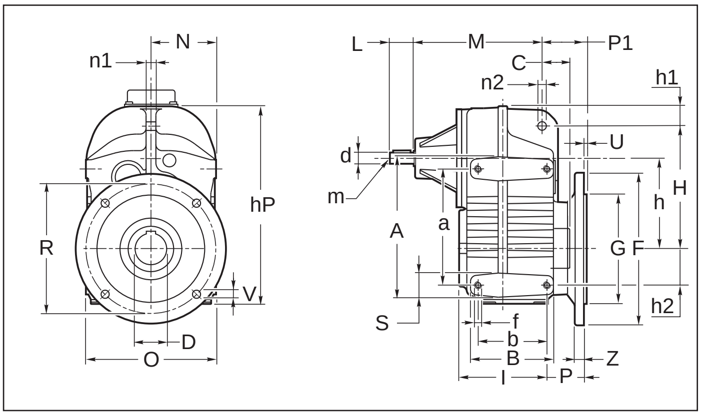
PRP



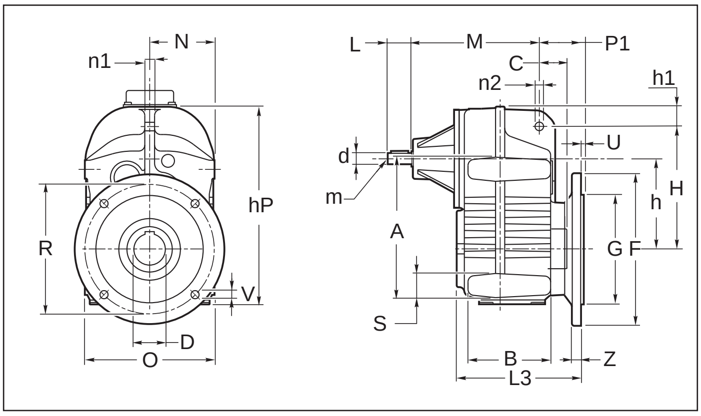
PRF



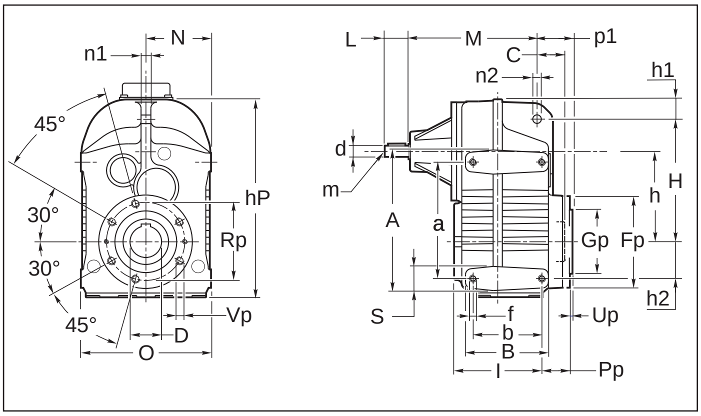
PRP F1 - F2



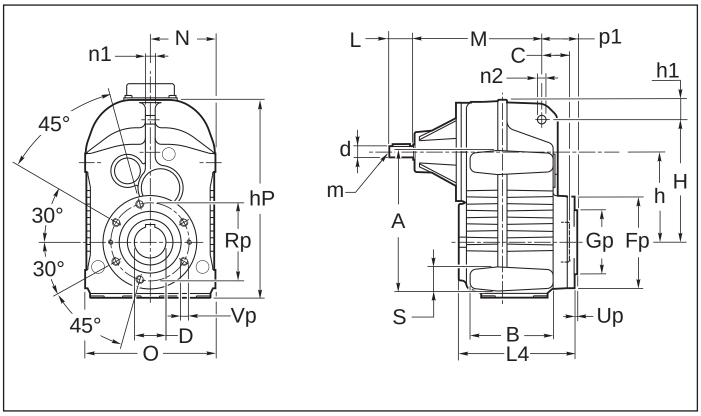
PRF F1 - F2



PRP P



PRF P



DownLoad
2D/3D

Z4

Tab. 4.10

P.P P.F	a	A	b	B	C	c1	d j6	D H7	f	h	hP	H	h1	h2	I	I1	L	L2	L3	L4	m	M	N
63	115	135	77	95	31.5	2,5	16	30 (25) (28)	N° 8 M8x12	103.5	240	152	23.5	31	96.5	20	40	116.5	143	128	M6	148.5 2 st. 136.5 3 st.	P.F 84.5 P.P 82.5
71	145	170	93	120	35	3	16	35 (30) (32)	N° 8 M10x15	117	268	165	26	43	119	28	40	147	175	158	M6	163.5 2 st. 182 3 st.	P.F 92 P.P 90
90	190	220	112	135	45	3.5	19	40 (42) (45) (48)	N° 8 M12x17	147	324	200	33	60	143	33.5	40	176.5	203.5	188.5	M6	187 2 st. 209 3 st.	P.F 109 P.P 106
112	240	280	140	166	50	4	24	50 (55)	N° 8 M16x23	184	400	255	35.5	70	172.5	32.5	50	205	246	219	M8	223.5 2 s t. 239 3 st.	P.F 138 P.P 135
125	310	350	125	158	44.5	2.5	28	55 (60) (50)	N°8 N16x30	222	502	310	45	100	157	27	60	169	247	169	M8	252	152.5

P.P P.F	n1	n2	O	p1	P1	S	Fp	Gp	Pp	Rp	Up	Vp		F	G g6	P	R	U	V	Z
63	12	14	P.F 169	43.5	59	20	105	80	31.5	90	3	N°6 M6x12	**F1**	160	110	46.5	130	3.5	N°4 ϕ 9	10
			P.P 165										**F2**	—	—		—	—	—	—
71	12	14	P.F 184	46	63.5	25	120	80	39	100	3	N°6 M8x14	**F1**	200	130	56	165	3.5	N°4 ϕ 11	12
			P.P 180										**F2**	160	110		130	3.5	N°4 ϕ 9.5	10
90	16	14	P.F 218	57	72	30	150	105	45.5	125	3.5	N°6 M12x18	**F1**	250	180	60.5	215	4	N°4 ϕ 13.5	15
			P.P 212										**F2**	—	—		—	—	—	—
112	20	22	P.F 276	63	91	40	175	125	46.5	150	3.5	N°6 M14x21	**F1**	300	230	73.5	265	4	N°4 ϕ 13.5	16
			P.P 270										**F2**	—	—		—	—	—	—
125	**24**	**22**	P.P 305	42	110	40	200	140	21	165	6	N°8 M12x20	**F1**	350	250	90	300	5	N° ø18	18

PARTICOLARE DEI FORI "t" NELLA FLANGIA P

Per il fissaggio al riduttore con i fori **"Vp"** considerare la lunghezza delle viti adeguate, e che la quota **"yt"** non è filettata (vedi disegno).

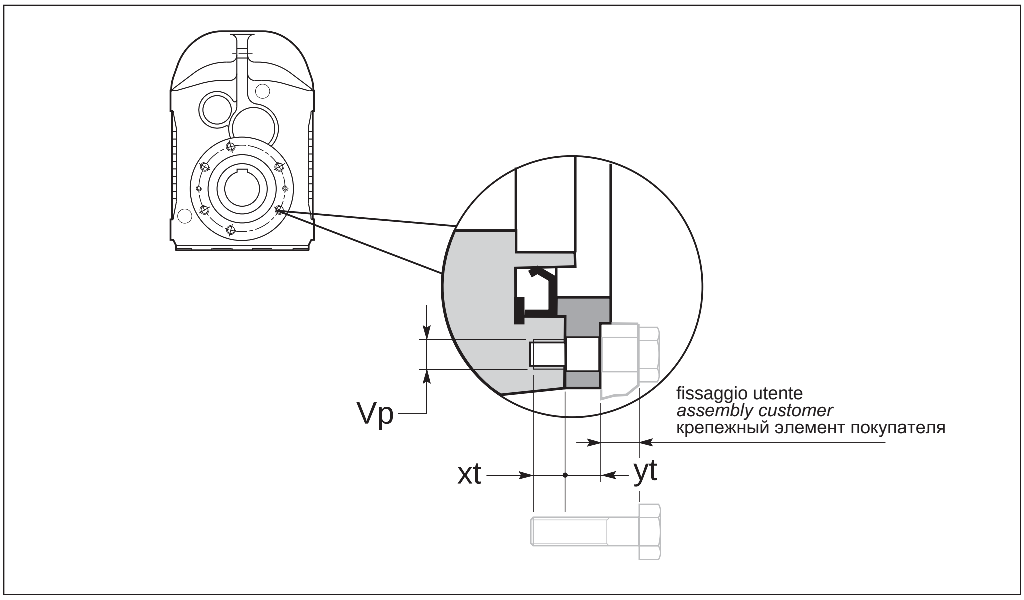
DETAIL "t" OF THE FLANGE P HOLES

When P-flange is used please consider that the threads **"Vp"** *are in gearcase and that Distance* ***"yt"*** *does not have a thread (see drawing).*

ОСОБЕННОСТИ ОТВЕРСТИЙ Р ФЛАНЦЕВ

При использовании Р фланцев необходимо учесть, что отверстие резьбой **"Vp"** имеет не нарезанную часть длинной **"yt"** (см.чертеж).

Fig. 4.11



Tab. 4.12

P.P - P.F	Vp	xt	yt
63	N°6 M6	12	11,5
71	N°6 M8	14	11
90	N°6 M12	18	12
112	N°6 M14	21	14

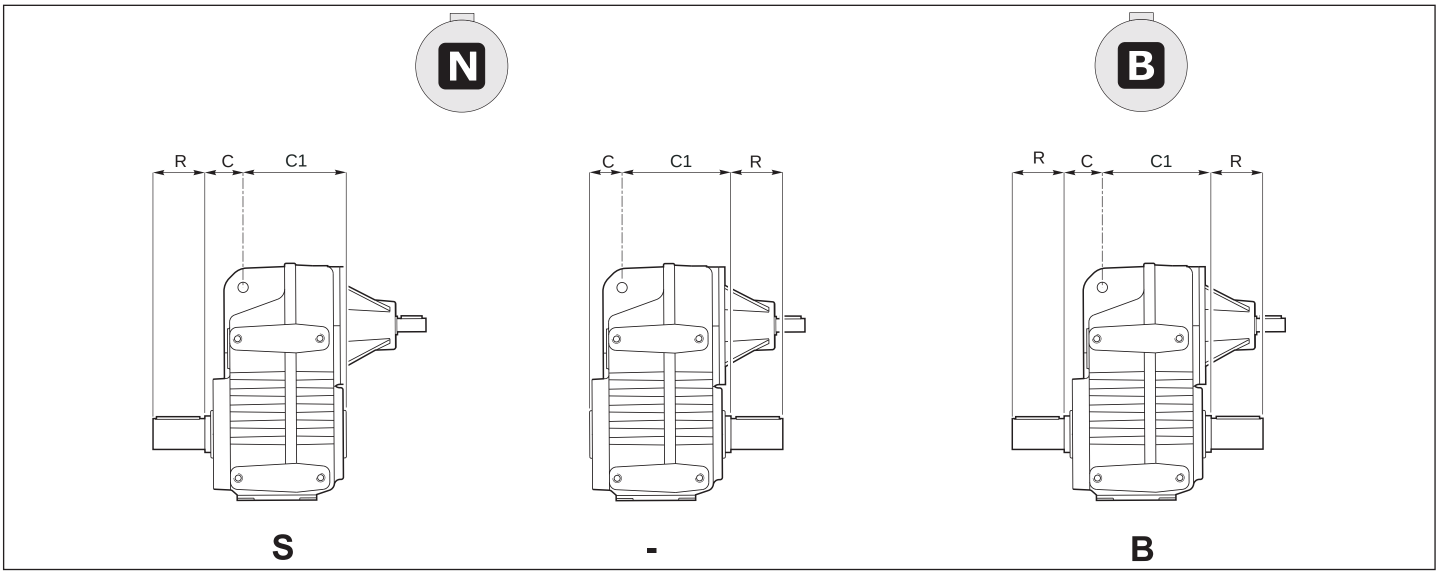
N.B.
xt = profondità della parte filettata, utile per il fissaggio delle viti.

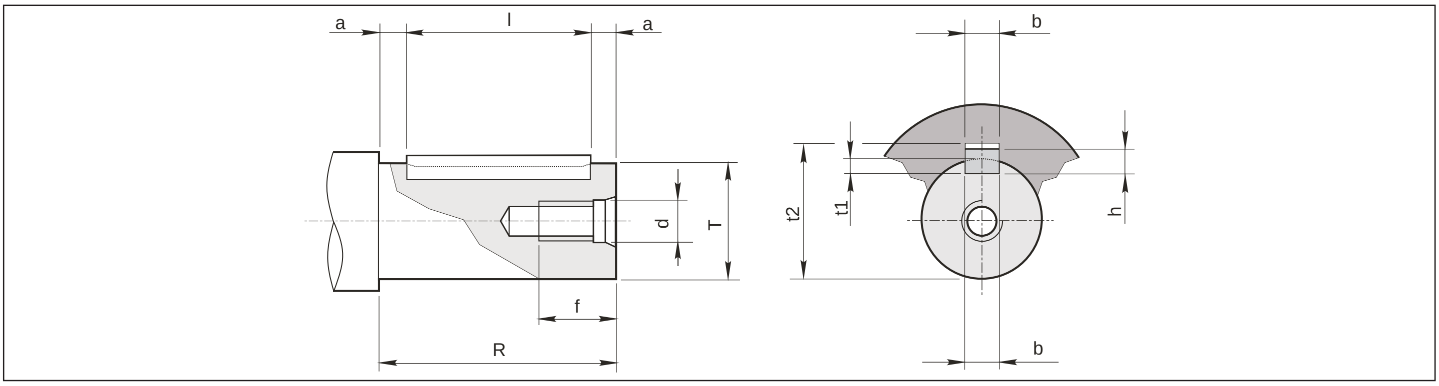
NOTE.
xt *= thread length.*

ПРИМЕЧАНИЕ.
xt = Длина резьбы.

ALBERI LENTI | *OUTPUT SHAFT* | ВЫХОДНОЙ ВАЛ

Estremità d'albero uscita | *Output shaft end* | Исполнение выходного вала

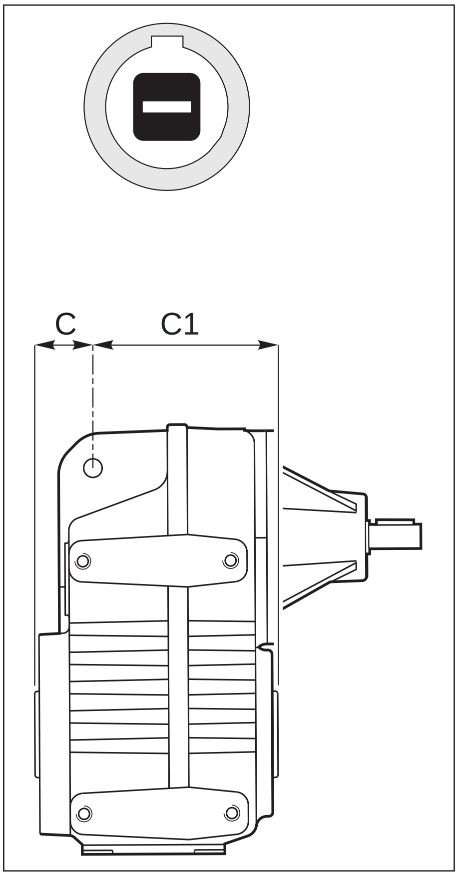


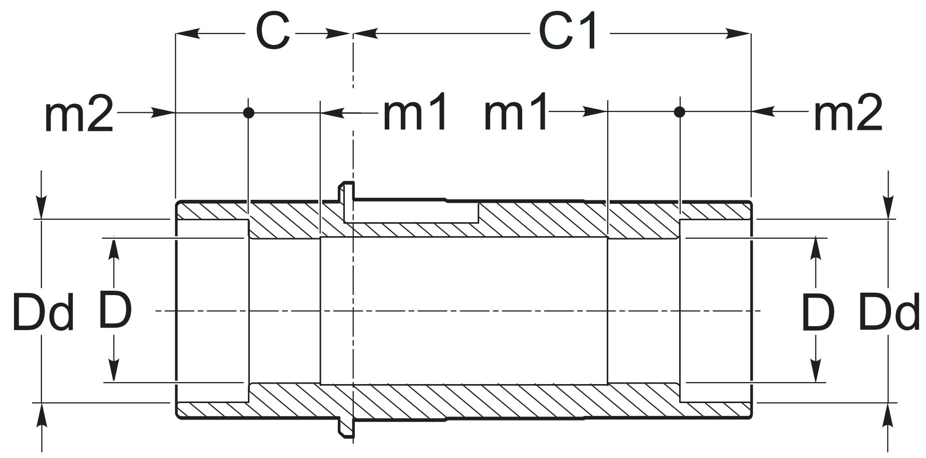


	Ø Albero *Ø Shaft* Ø Вал			Foro fil. testa Tapped hole Отверстие в торце		Cava *Keyway* Шпонка			Estremità d'albero *Shaft end* Выход вала		Linguetta *Key* Шпонка
	T	**C**	**C1**	**d**	**f**	**b**	**t1**	**t2**	**R**	**a**	**bxhxl**
63	30 g6	31.5	88.5	M 10	25	8	4	33.3	60	5	8X7X50
71	35 g6	35	115	M 10	25	10	5	38.3	70	5	10x8x60
90	40 g6	45	135	M 10	25	12	5	43.3	80	5	12x8x70
112	50 g6	50	160	M 12	32	14	5.5	53.8	100	5	14x9x90
125	55 g6	52	128	M 12	32	16	6	59.3	110	5	16x10x100

ALBERI LENTI | ***OUTPUT SHAFT*** | **ВЫХОДНОЙ ВАЛ**

Albero lento cavo | *Output shaft with keyway* | Полый вал с пазом под шпонку

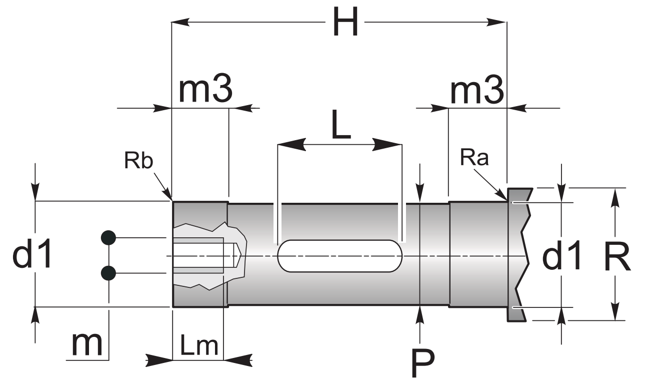




	63	71	90	112
C	31.5	35	45	50
C1	88.5	115	135	160
D H7	30 (25) (28)	35 (30) (32)	40 (42) (45) (48)	50 (55)
m1	15	30	35	35
m2	15	15	20	25
Dd	38	43	55	61

Perno macchina / *Customer shaft* / Ответный вал

	d1 h6	m3	Lm	m	H	L min	P	R	Ra	Rb
63	30 (25) (28)	20	25 (25) (25)	M 10 (M 8) (M 10)	88	50	29.8 (24.8) (27.8)	36		
71	35 (30) (32)	35	25	M 10	118	60	34.8 (29.8) (31.8)	42.5		
90	40 (42) (45) (48)	40	25	M 10	138	90	39.8 (41.8) (44.8) (47.8)	54.5		
112	50 (55)	35	32	M 12	158	110	49.8 (54.8)	60		



ALBERI LENTI

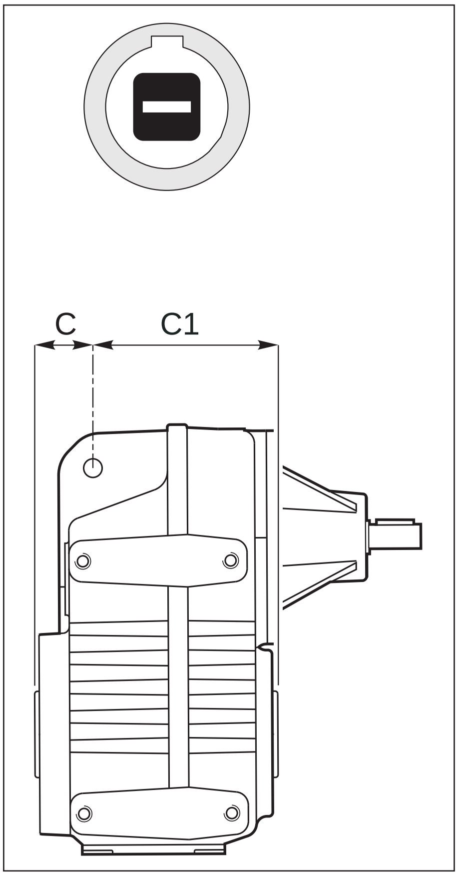
Albero lento cavo

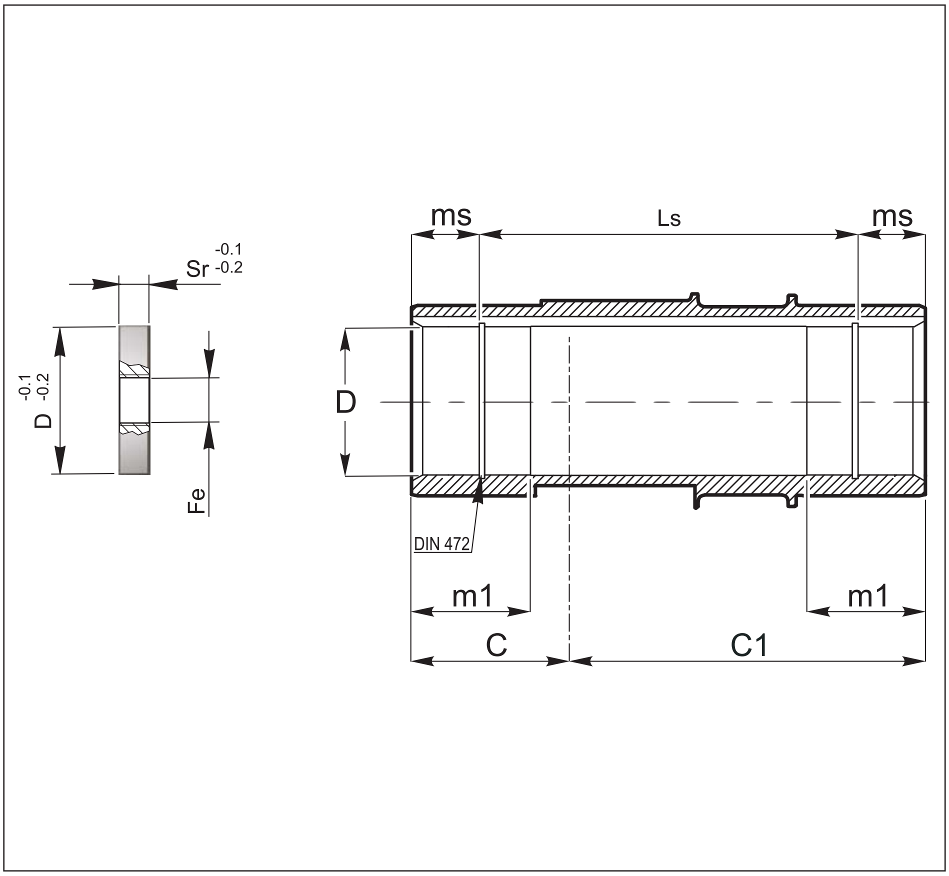
OUTPUT SHAFT

Output shaft with keyway

ВЫХОДНОЙ ВАЛ

Полый вал с пазом под шпонку

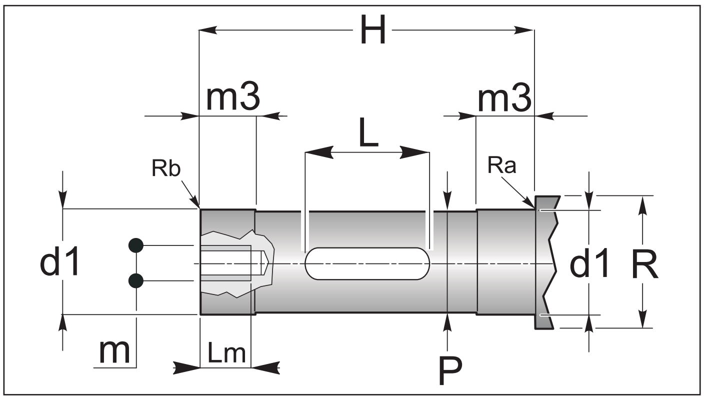




	125
C	52
C1	128
D H7	55 (60) (50)
m1	55
ms	17.5
Ls	145

Perno macchina / *Customer shaft* / Ответный вал

	d1 h6	m3	Lm	m	H	L min	P	R	Ra	Rb
125	55 (60) (50)	60	32	M 12	142	110	54.8 (59.8) (49.8)	65 (70) (60)		



ALBERI LENTI

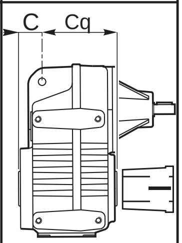
Albero lento "Quick Locking"

OUTPUT SHAFT

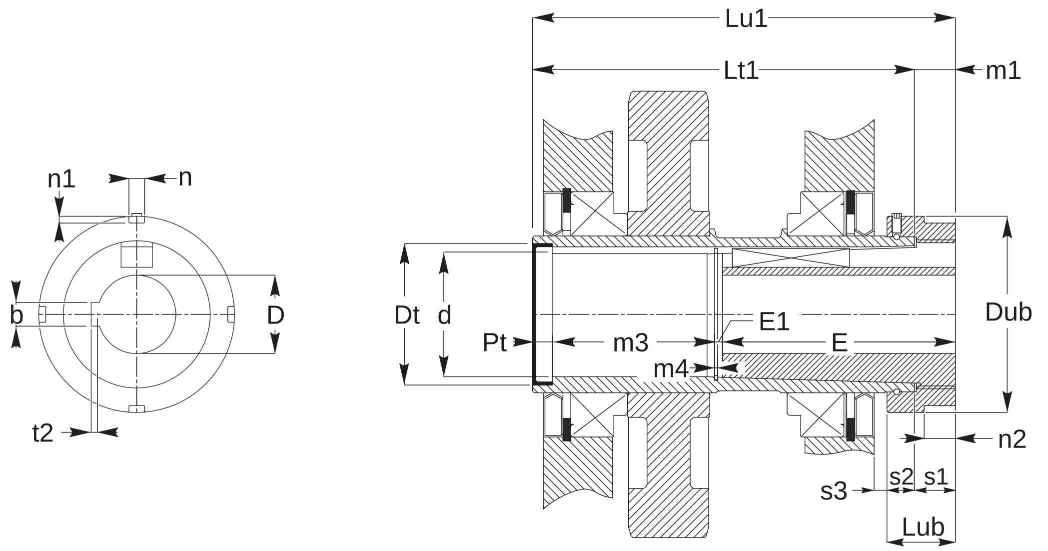
Output shaft "Quick Locking"

ВЫХОДНОЙ ВАЛ

Выходной вал "Quick Locking"



71
90
112



	71	90	112	125
C	35	45	50	44.5
Cq	111	126	141	135.5
d	35.2	49.2	54.2	60.2
dt	47	62	65	72
Dub	70	85	90	100
E	91	121	131	131
E1	3.5	3.5	3.5	3.5
Lt1	165	195	225	195
Lu1	186	216	246	216
Lub	35	35	35	35
m1	21	21	21	21
m3	84.5	83.5	101.5	71.5
m4	1.7	1.7	1.7	1.7
n2	15	15.5	15.5	16
s1	21	21	21	21
s2	14	14	14	14
s3	8	8	8.5	6.5
D H7	20 25 30	25 30 35 40 45	30 35 40 45 50	35 40 45 50 55
n	6	7	7	8
n1	2.5	3	3	3.5
b	**UNI 6604**			
t2				

ALBERI LENTI | ***OUTPUT SHAFT*** | **ВЫХОДНОЙ ВАЛ**

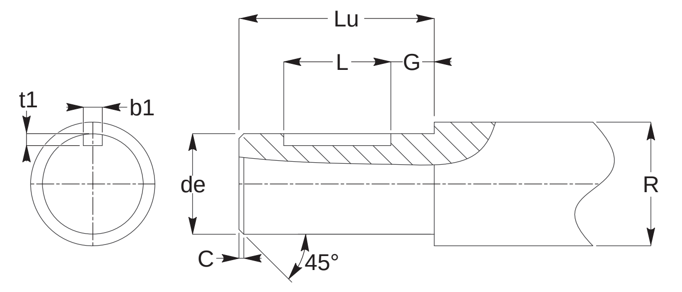
Albero lento "Quick Locking"

Output shaft "Quick Locking"

Выходной вал "Quick Locking"

Perno macchina / *Customer shaft* / Ответный вал

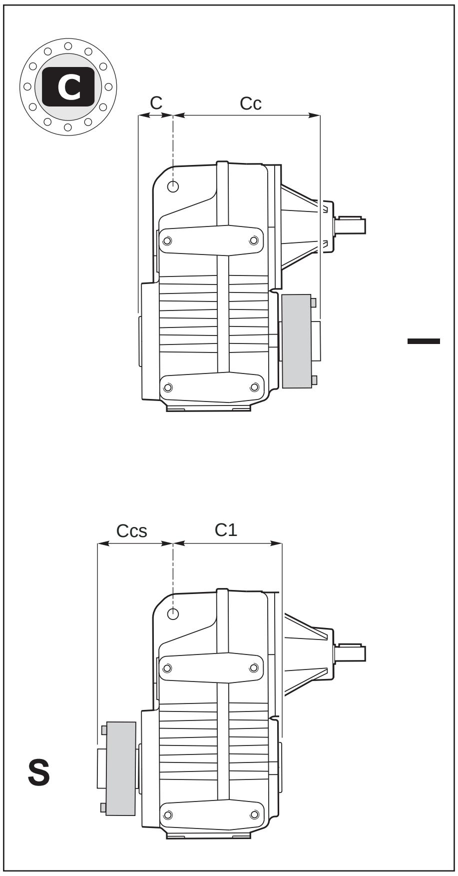
	C	de h6	G	L	Lu	R	b1	t1
71	1	(20) (25) (30)	10	40 50 60	90	5	**UNI 6604**	
90	1.5	(25) (30) (35) (40) (45)	10 10 10 5 5	50 60 70 80 90	120	5		
112	1.5	(30) (35) (40) (45) (50)	10 10 10 5 5	60 70 80 90 100	130	5		
125	1.5	(35) (40) (45) (50) (55)	10 10 10 5 5	70 80 90 100 100	130	5		

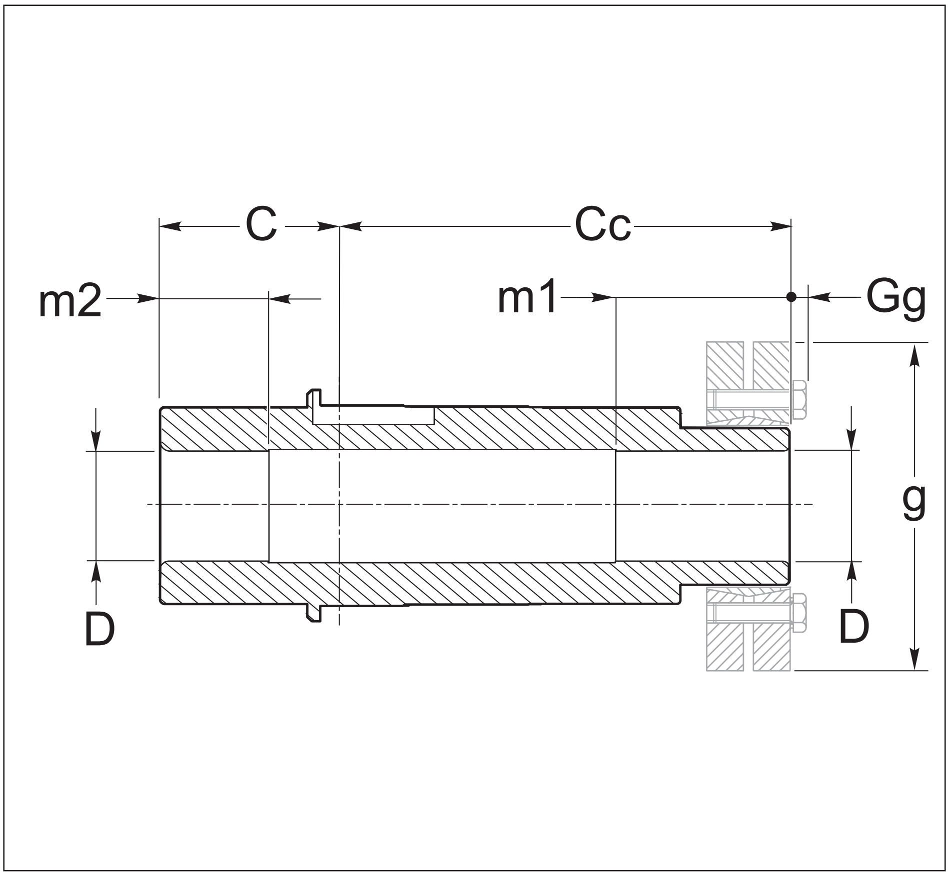


E

ALBERI LENTI / ***OUTPUT SHAFT*** / **ВЫХОДНОЙ ВАЛ**

Albero con calettatore / *Output shaft with shrink disc* / Полый вал со стяжной муфтой

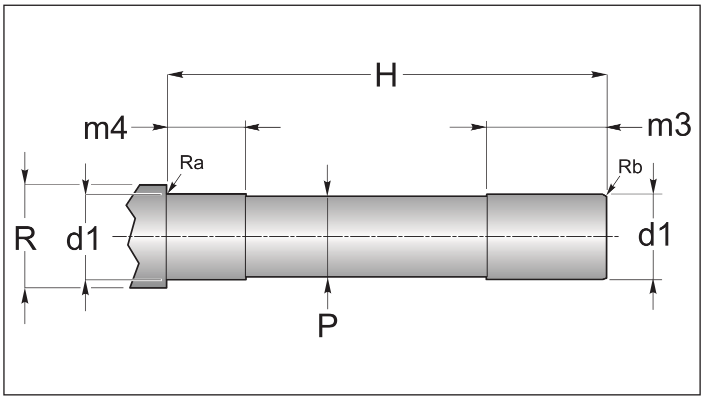




	63	71	90	112	125
C	31.5	35	45	50	44.5
Cc	113.5	140	165	195	170.5
C1	88.5	115	135	160	135.5
Ccs	56.5	60	75	85	79.5
D H7	30	35	40	50	55
m1	40	40	50	55	60
m2	25	25	30	40	50
g	72	80	90	110	115
Gg	4	4	6	1	4

Perno macchina / *Customer shaft* / Ответный вал

	d1 h6	H	m3	m4	P	R	Ra	Rb
63	30	145	45	30	29.8	36		
71	35	175	45	30	34.8	42.5		
90	40	210	55	35	39.8	54.5		
112	50	245	60	45	49.8	60		
125	55	215	65	55	54.8	65		



ALBERI LENTI

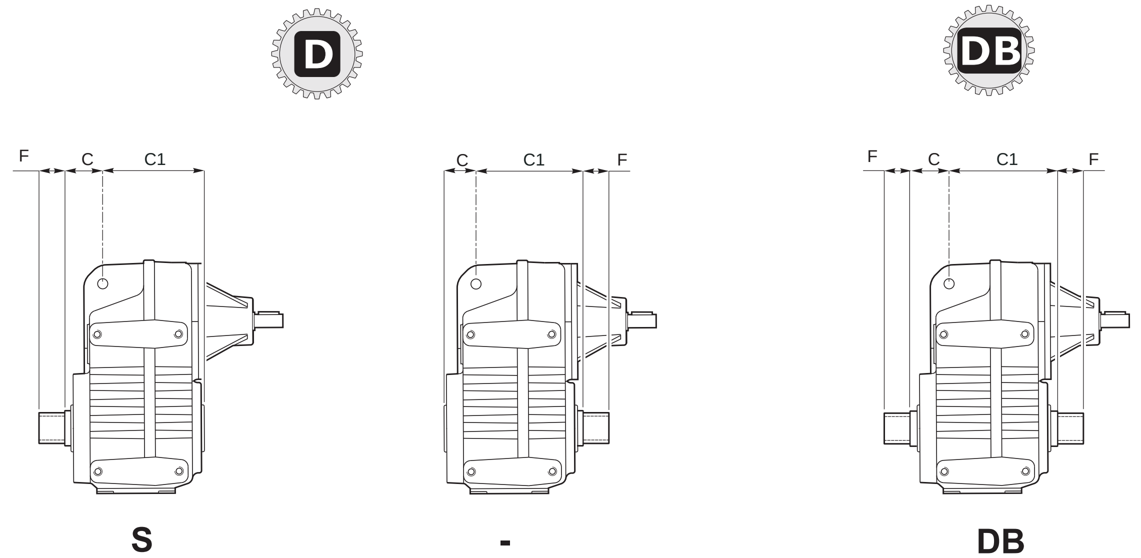
Estremità albero lento scanalato senza flangia brocciata

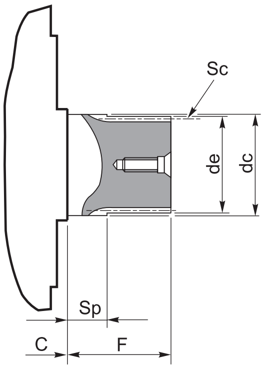
OUTPUT SHAFT

Splined output shaft without broached flange

ВЫХОДНОЙ ВАЛ

Шлицевой вал





	C	C1	de (h10)	F	Profilo scanalato / *Splined profile* / Проциль шлицев					
					Sc	Z	mn	α	dc (f7)	Sp
63	31.5	88.5	*		28 x 25 DIN 5482	*				
71	35	115			35 x 31 DIN 5482					
90	45	135			40 x 36 DIN 5482					
112	50	160			50 x 45 DIN 5482					
125	44.5	135.5			70x64 DIN5482					

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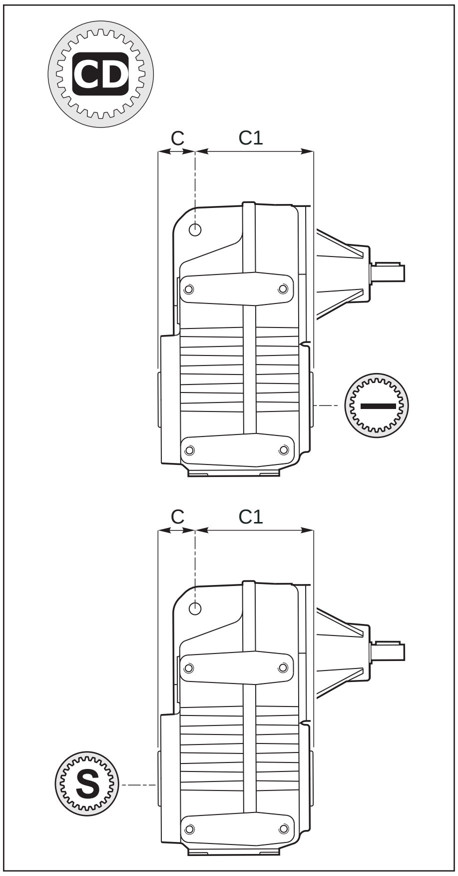
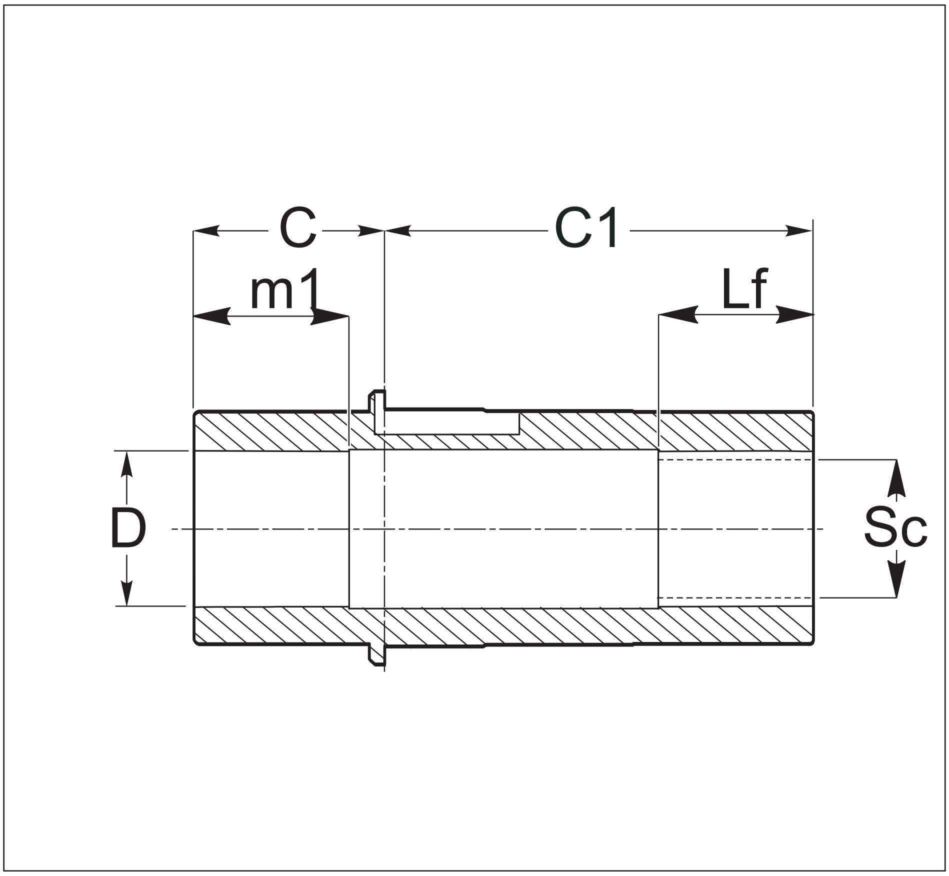
ALBERI LENTI / ***OUTPUT SHAFT*** / **ВЫХОДНОЙ ВАЛ**

Albero lento cavo scanalato / *Splined hollow shaft* / Полый шлицевой вал

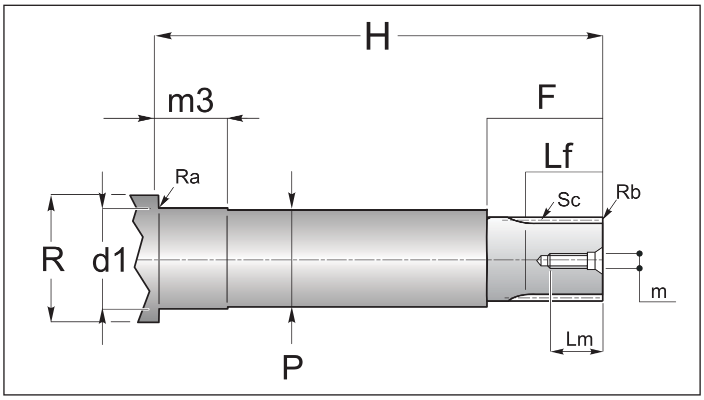




	63	71	90	112	125
C	31.5	35	45	50	44.5
C1	88.5	115	135	160	135.5
D H7	*	37	45	55	*
m1	*	40	55	60	*
Lf	*	45	55	65	*
Sc	28 x 25 DIN 5482	35 x 31 DIN 5482	40 x 36 DIN 5482	50 x 45 DIN 5482	55X50 DIN 5482

Perno macchina / *Customer shaft* / Ответный вал

	d1 h6	m3	H	P	R	Ra	Rb		Sc	F	Lf	L m	m
63													
71													
90				*							*		
112													
125													



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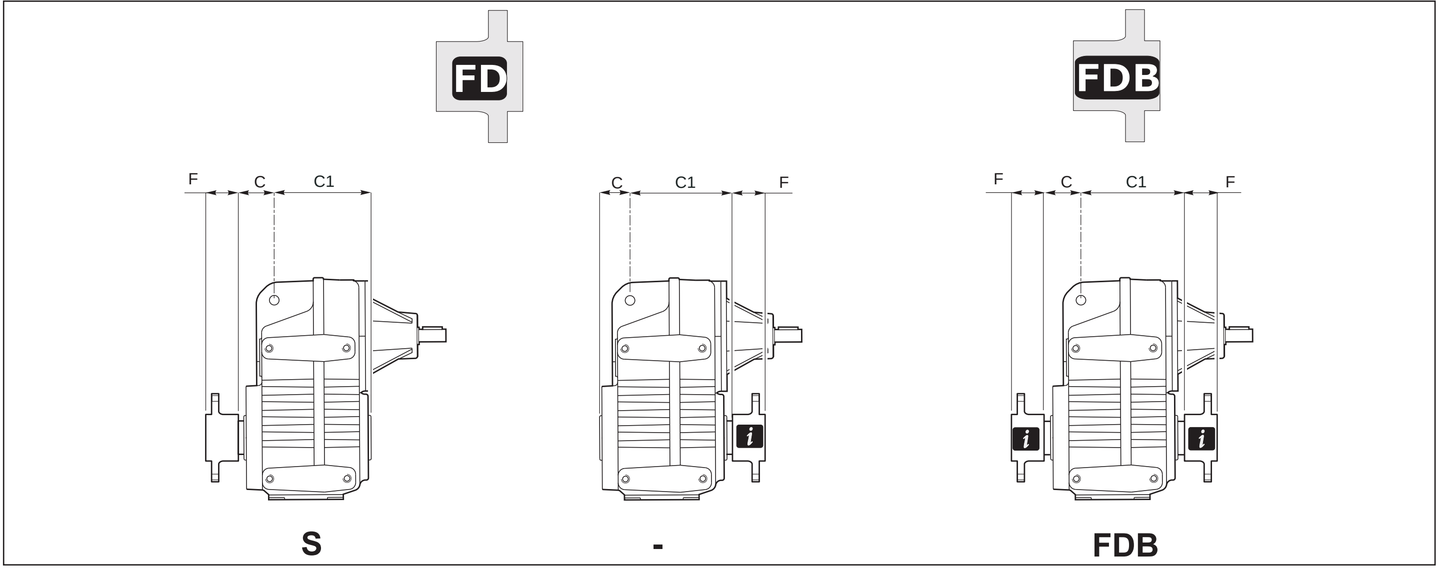
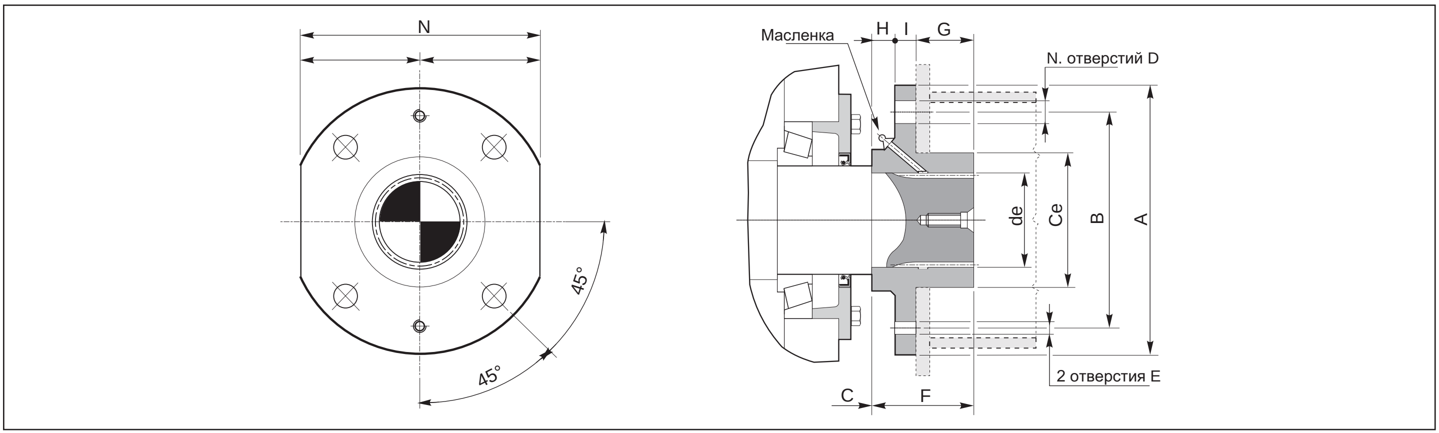
ALBERI LENTI / ***OUTPUT SHAFT*** / **ВЫХОДНОЙ ВАЛ**

Estremità scanalata albero lento flangia brocciata

Splined output shaft and broached flange

Шлицевой выходной вал с фланцем





	Dimensioni generali / *General dimensions* / Общие размеры													
	de	∅ **A**	∅ **B**	∅ **C**	∅ **C**1	∅ **Ce** f8	N° Fori *holes* Кол-во отверстий	∅ **D**	**E**	**F**	**G**	**H**	**I**	**N** h9
63				31.5	88.5									
71				35	115									
90		*		45	135					*				
112				50	160									
125				44.5	135.5									

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1.9 Accessori

ANTIVIBRANTE VKL

Per riduttori e motoriduttori pendolari.

1.9 Accessories

RUBBER BUFFER VKL

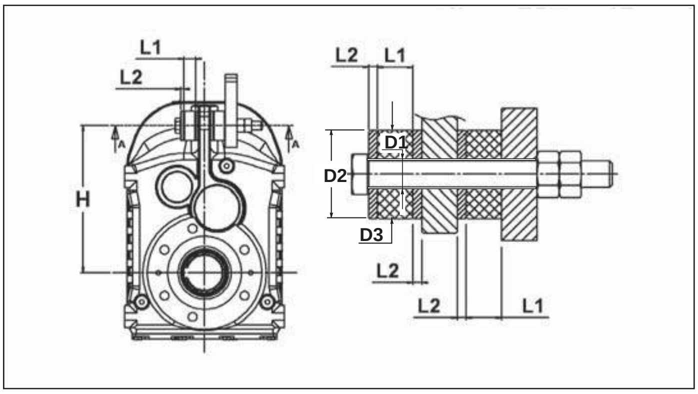
For shaft mounted gearboxes and geared motors.

1.9 Опции

РЕЗИНОВАЯ ВТУЛКА VKL

Для монтируемых на вал редукторов и мотор-редукторов

Fig. 4.15



Tab. 4.15

P.P - P.F	D1	D2	D3	L1	L2	H
63	12.5	40	40	16	4	152
71	12.5	40	40	16	4	165
90	12.5	40	40	16	4	200
112	21	60	60	22	8	255
125	21	60	60	22	8	310

ALBERO LENTO SPORGENTE

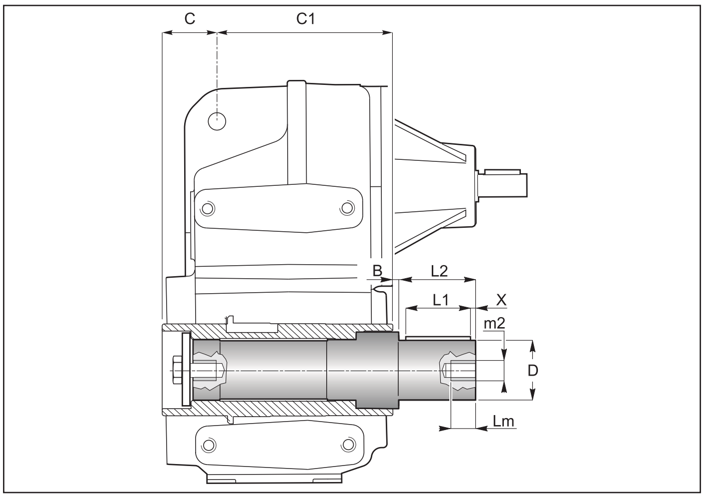
Tutti i riduttori sono forniti con albero lento cavo. A richiesta, possono essere forniti kit di montaggio per alberi sporgenti comprensivi di linguette, rondelle e viti di fissaggio. Le dimensioni delle linguette sono conformi alle norme UNI 6604-69.

SINGLE OUTPUT SHAFTS

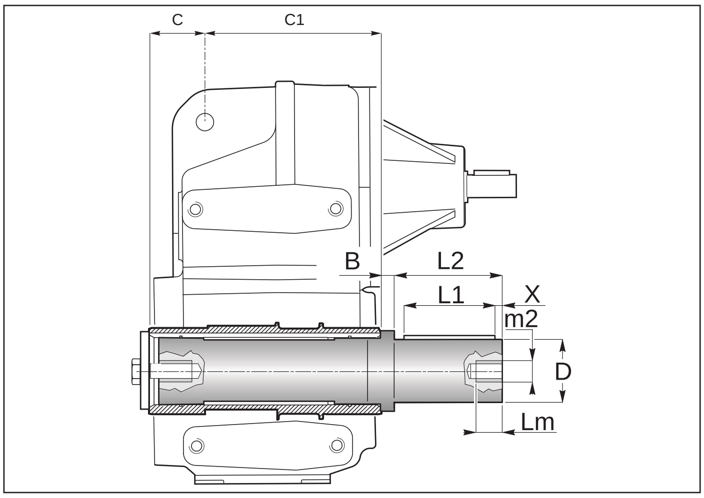
All gearboxes are supplied with hollow output shaft. On request there are available also assembly kits including output shafts, keys, washers and assembly screws. The dimensions of the keys are conform with UNI 6604-69.

ОДНОСТОРОННИЙ ВЫХОДНОЙ ВАЛ

Все редукторы изготавливаются с полым выходным валом. По запросу доступен комплект, вклю аю ий в себя цилиндрический выходной вал, шпонки, шайбы и крепежи. Размеры шпонки регламентируются UNI 6604-69.



63-71-90-112



125

	B	C	C1	D g6	m_2	L_1	L_2	L_m	X
63*	1	31.5	88.5	30	M10	50	60	25	5
71*	1	35	115	35	M10	60	70	25	5
90*	1	45	135	40	M10	70	80	25	5
112*	1	50	160	50	M12	90	100	32	5
125*	26	44.5	135.5	55	M 12	100	110	32	5

* ATTENZIONE
L'albero lento sporgente è fornito per essere installato sulla versione del riduttore con albero **CAVO** con diametro **STANDARD**.

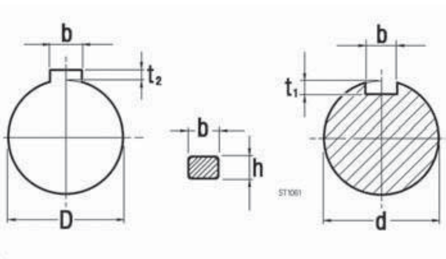
*ATTENTION
The output shaft is available only for standard hollow shaft diameter.

ВНИМАНИЕ:
Выходной вал доступен только для стандартных диаметров.

1.10 Linguette

1.10 Keys

1.10 Шпонки



Tab. 4.17

Albero entrata
Input shaft
Входной вал

d	bxh	t1	
16	5x5	3	0/ +0.1
19	6x6	3.5	
24	8x7	4	0/ +0.2

Albero uscita
Output shaft
Выходной вал

D	bxh	t2	
25	8x7	3.3	0/ +0.2
28	8x7	3.3	0/ +0.2
30	8x7	3.3	0/ +0.2
32	10x8	3.3	0/ +0.2
35	10x8	3.3	0/ +0.2
40	12x8	3.3	0/ +0.2
42	12x8	3.3	0/ +0.2
45	14x9	3.8	0/ +0.2
48	14x9	3.8	0/ +0.2
50	14x9	3.8	0/ +0.2
55	16x10	4.3	0/ +0.2
60	18x11	4.4	0/ +0.3