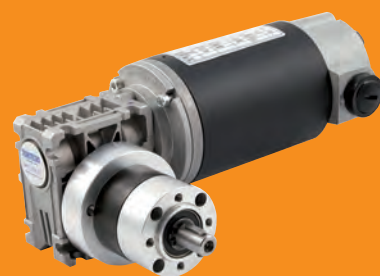
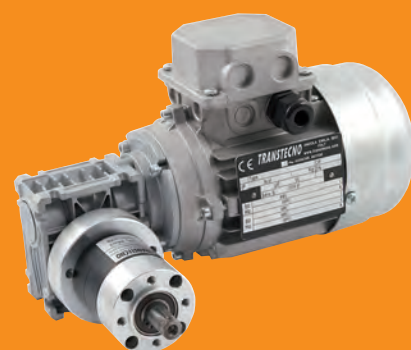



TRANSTECNOTM
THE MODULAR GEARMOTOR

**Riduttori
combinati WMP**

*Combination
gearboxes WMP*



RIDUTTORI COMBINATI WMP COMBINATION GEARBOXES WMP



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	Simbologia	<i>Symbols</i>	M8
	Dimensioni	<i>Dimensions</i>	M9

WMP 26/52 RIDUTTORI COMBINATI COMBINATION GEARBOXES

Caratteristiche tecniche

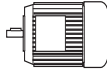
Technical characteristics

L'accoppiamento di un riduttore a vite senza fine con un riduttore epicicloidale consente di ottenere elevati rapporti di riduzione ($i_{max} = 1/18452$) e di disporre di un gruppo autolubrificato compatto, silenzioso e con un'elevata affidabilità.

The coupling of a wormgearbox to a planetary gearbox allows to obtain high reduction ratios ($i_{max} = 1/18452$) and to get a compact, silent, self lubricated with high reliability group.

Designazione

Designation

Tipo Type	Rapporto Ratio	Versione Version	Flangia uscita Output flange	PAM	Flangia entrata Input flange	
WMP 26/521	207.2	CS	C80	P56	B14	+ Tipo e grandezza motore (se richiesto) + Type and frame of the motor (if requested)
WMP 26/521 WMP 26/522	vedi tabelle see tables	CS CD FS FD	— C80 C90 C105 C120	P56		

Dati tecnici

Technical data

WMP 26/521		i ($i_1 \times i_2$) (rapporti preferenziali con pronta consegna / preferred ratios with prompt delivery)						
		67.5 10x6.75	101.3 15x6.75	135.0 20x6.75	202.5 30x6.75	270 40x6.75	337.5 50x6.75	405 60x6.75
$n_1 = 1400 \text{ min}^{-1}$	n_2 [min^{-1}]	20.7	13.8	10.4	6.9	5.2	4.1	3.5
	M_n [Nm]	25						
	RD%	68	64	62	56	52	48	46
	M_2 [Nm]	25	25	25	25	25	25	25
	sf	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	P_1 [kW]	0.09	0.06					
		P56						

WMP 26/522		i ($i_1 \times i_2$) (rapporti preferenziali con pronta consegna / preferred ratios with prompt delivery)								
		289.3 10x28.93	434.0 15x28.93	578.6 20x28.93	867.9 30x28.93	1157 40x28.93	1447 50x28.93	1736 60x28.93	2098 60x34.97	2734 60x45.56
$n_1 = 1400 \text{ min}^{-1}$	n_2 [min^{-1}]	4.8	3.2	2.4	1.6	1.2	1.0	0.8	0.7	0.5
	M_n [Nm]	25								
	RD%	64	60	58	53	49	45	43	43	43
	M_2 [Nm]	25	25	25	25	25	25	25	25	25
	sf	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	P_1 [kW]	0.06								
		P56								

N.B. Verificare sempre che la coppia M_2 utilizzata non ecceda il valore nominale M_n del riduttore.
NOTE: Please check that the torque M_2 does not exceed the output torque M_n of the gearbox.

Simbologia

Symbols

n_1	[min^{-1}]	Velocità in ingresso / Input speed
n_2	[min^{-1}]	Velocità in uscita / Output speed
i		Rapporto di riduzione / Ratio
P_1	[kW]	Potenza in entrata / Input power
M_n	[Nm]	Coppia nominale in uscita del riduttore / Maximum output torque of the gearbox
M_2	[Nm]	Coppia in uscita in funzione di P_1 / Output torque referred to P_1
sf		Fattore di servizio / Service factor
RD	%	Rendimento dinamico / Dynamic efficiency

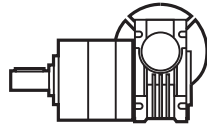
RIDOTTORI COMBINATI **WMP 26/52**

COMBINATION GEARBOXES **WMP 26/52**

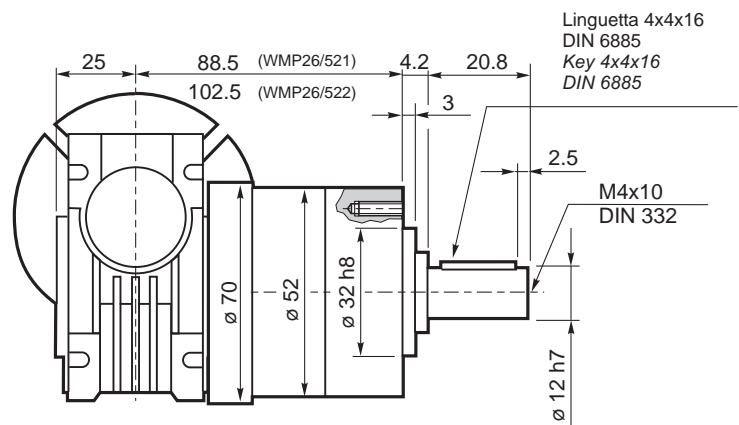
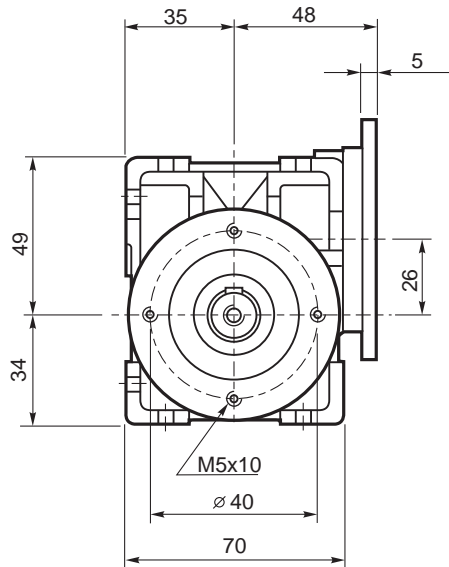
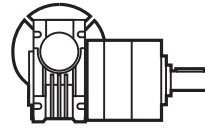
Dimensioni

Dimensions

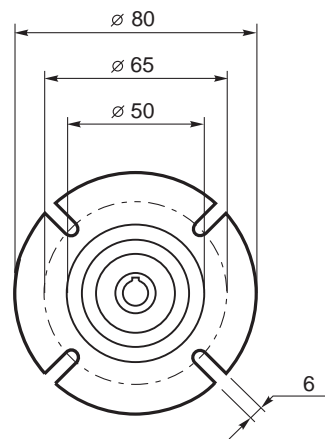
WMP 26/521..CD
WMP 26/522..CD



WMP 26/521..CS
WMP 26/522..CS



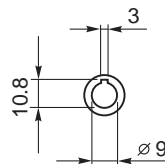
Linguetta 4x4x16
DIN 6885
Key 4x4x16
DIN 6885



Flangia entrata
Input flange



1.6 (WMP26/521)
1.8 (WMP26/522)



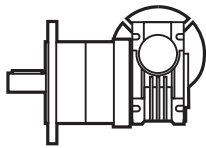
Albero entrata
Input shaft

WMP 26/52 RIDUTTORI COMBINATI COMBINATION GEARBOXES

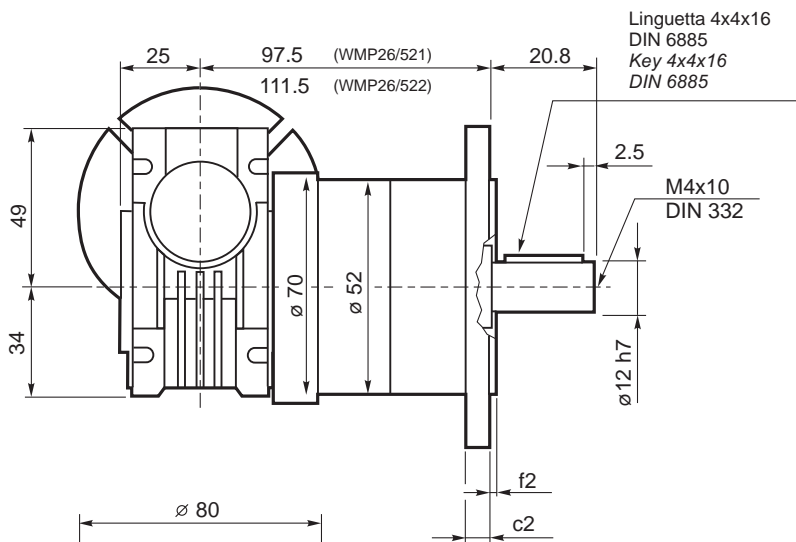
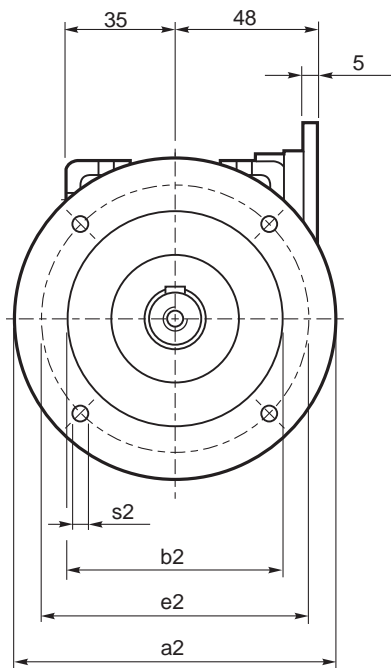
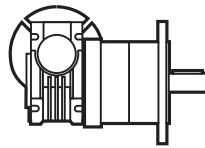
Dimensioni

Dimensions

WMP 26/521..FD
WMP 26/522..FD

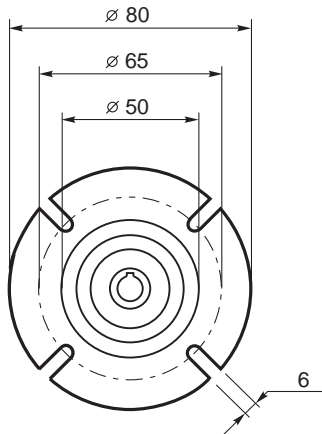


WMP 26/521..FS
WMP 26/522..FS

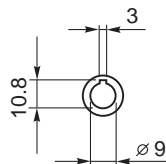


Dimensioni flangia uscita
Output flange dimensions

	a2	b2	c2	e2	f2	s2
C80	80	50 j7	9	65	2.5	M5
C90	90	60 j7	9	75	2.5	5.5
C105	105	70 j7	9	85	2.5	6.5
C120	120	80 j7	9	100	3.0	6.5



1.7 (WMP26/521)
1.9 (WMP26/522)



RIDUTTORI COMBINATI **WMP 26/62**

COMBINATION GEARBOXES

Caratteristiche tecniche

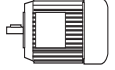
Technical characteristics

L'accoppiamento di un riduttore a vite senza fine con un riduttore epicicloidale consente di ottenere elevati rapporti di riduzione ($i_{max} = 1/18452$) e di disporre di un gruppo autolubrificato compatto, silenzioso e con un' elevata affidabilità.

The coupling of a wormgearbox to a planetary gearbox allows to obtain high reduction ratios ($i_{max} = 1/18452$) and to get a compact, silent, self lubricated with high reliability group.

Designazione

Designation

Tipo Type	Rapporto Ratio	Versione Version	Flangia uscita Output flange	PAM	Flangia entrata Input flange	
WMP 26/621	207.2	CS	C80	P56	B14	+ Tipo e grandezza motore (se richiesto) + Type and frame of the motor (if requested)
WMP 26/621 WMP 26/622	vedi tabelle see tables	CS CD FS FD	— C80 C90 C105 C120	P56		

Dati tecnici

Technical data

WMP 26/621		i ($i_1 \times i_2$)						
		(rapporti preferenziali con pronta consegna / preferred ratios with prompt delivery)						
		67.5	101.3	135	202.5	270	337.5	405
		10x6.75	15x6.75	20x6.75	30x6.75	40x6.75	50x6.75	60x6.75
n₁ = 1400 min⁻¹	n₂ [min ⁻¹]	20.7	13.8	10.4	6.9	5.2	4.1	3.5
	M_n [Nm]	40						
	RD%	68	64	62	56	52	48	46
	M₂ [Nm]	28	40	34	40	40	40	40
	sf	1.4	1.0	1.2	1.0	1.0	1.0	1.0
	P₁ [kW]	0.09			0.06			
P56								

WMP 26/622		i ($i_1 \times i_2$)								
		(rapporti preferenziali con pronta consegna / preferred ratios with prompt delivery)								
		289.3	434	578.6	867.9	1157	1447	1736	2098	2734
		10x28.93	15x28.93	20x28.93	30x28.93	40x28.93	50x28.93	60x28.93	60x34.97	60x45.56
n₁ = 1400 min⁻¹	n₂ [min ⁻¹]	4.8	3.2	2.4	1.6	1.2	1.0	0.8	0.7	0.5
	M_n [Nm]	50								
	RD%	64	60	58	53	49	45	43	43	43
	M₂ [Nm]	50	50	50	50	50	50	50	50	50
	sf	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	P₁ [kW]	0.06								
P56										

N.B. Verificare sempre che la coppia M_2 utilizzata non ecceda il valore nominale M_n del riduttore.
 NOTE: Please check that the torque M_2 does not exceed the output torque M_n of the gearbox.

Simbologia

Symbols

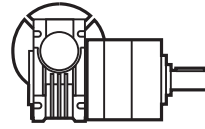
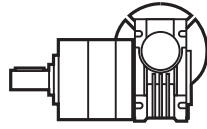
n_1	[min ⁻¹]	Velocità in ingresso / Input speed
n_2	[min ⁻¹]	Velocità in uscita / Output speed
i		Rapporto di riduzione / Ratio
P_1	[kW]	Potenza in entrata / Input power
M_n	[Nm]	Coppia nominale in uscita del riduttore / Maximum output torque of the gearbox
M_2	[Nm]	Coppia in uscita in funzione di P_1 / Output torque referred to P_1
sf		Fattore di servizio / Service factor
RD	%	Rendimento dinamico / Dynamic efficiency

WMP 26/62 RIDOTTORI COMBINATI COMBINATION GEARBOXES

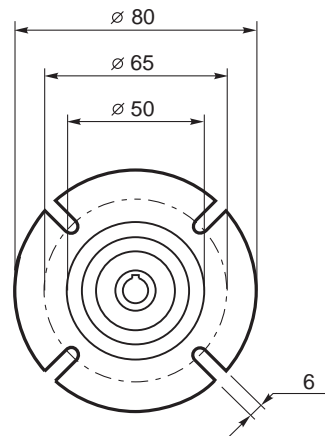
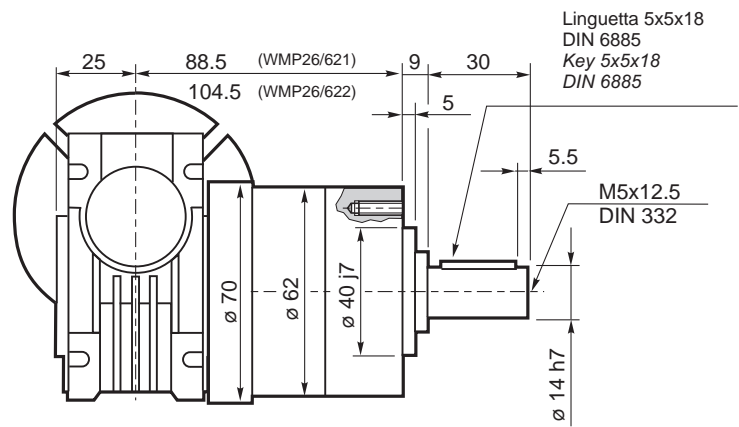
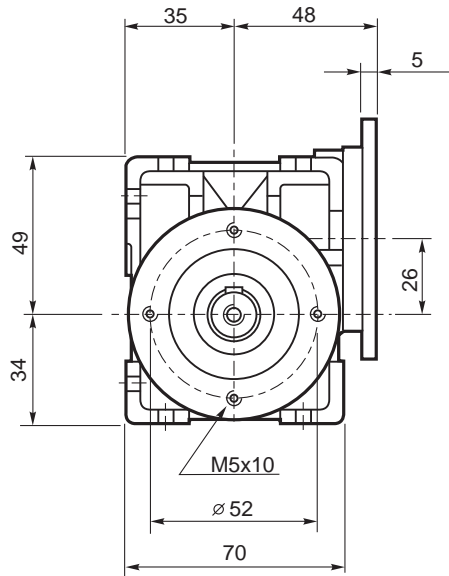
Dimensioni

Dimensions

WMP 26/621..CD
WMP 26/622..CD



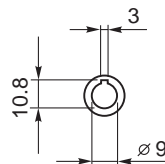
WMP 26/621..CS
WMP 26/622..CS



Flangia entrata
Input flange



1.7 (WMP26/621)
1.9 (WMP26/622)



Albero entrata
Input shaft

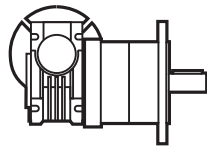
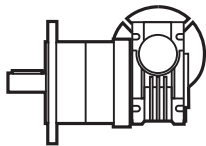
RIDUTTORI COMBINATI **WMP 26/62**

COMBINATION GEARBOXES

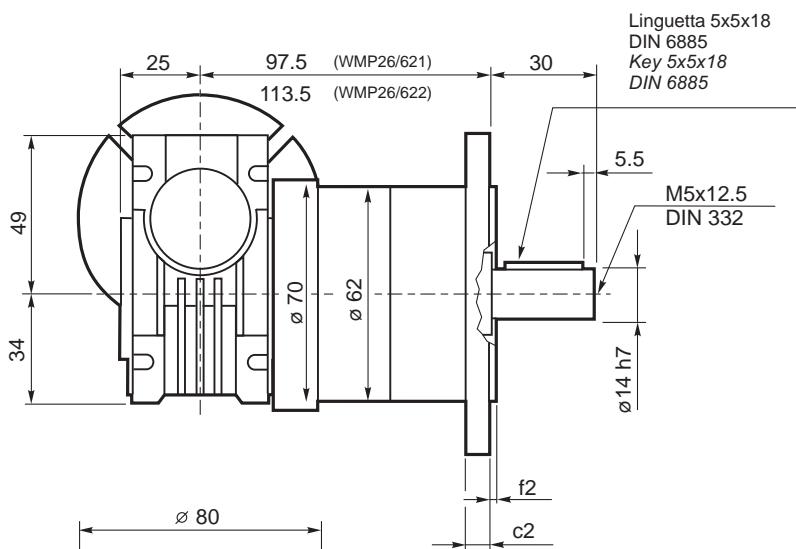
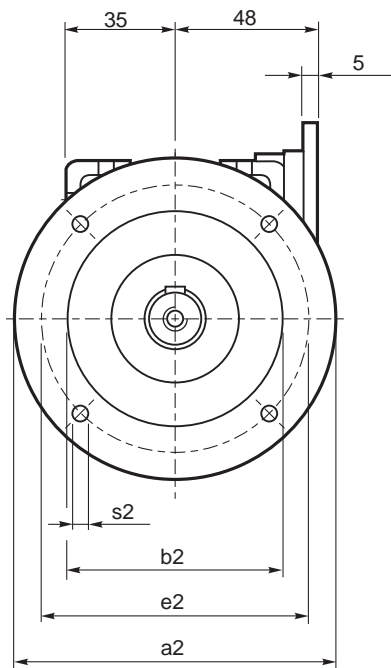
Dimensioni

Dimensions

WMP 26/621..FD
WMP 26/622..FD



WMP 26/621..FS
WMP 26/622..FS

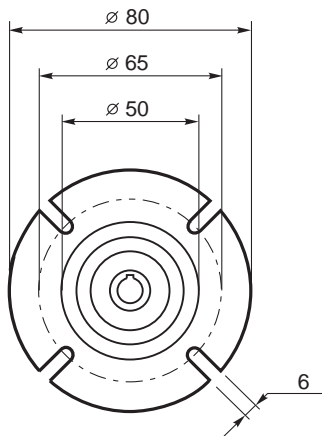


Linguetta 5x5x18
DIN 6885
Key 5x5x18
DIN 6885

M5x12.5
DIN 332

Dimensioni flangia uscita
Output flange dimensions

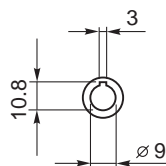
	a2	b2	c2	e2	f2	s2
C80	80	50 j7	9	65	2.5	M5
C90	90	60 j7	9	75	2.5	5.5
C105	105	70 j7	9	85	2.5	6.5
C120	120	80 j7	9	100	3.0	6.5



Flangia entrata
Input flange



1.8 (WMP26/621)
2.0 (WMP26/622)



Albero entrata
Input shaft

WMP 030/81 RIDUTTORI COMBINATI COMBINATION GEARBOXES

Caratteristiche tecniche

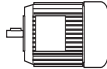
Technical characteristics

L'accoppiamento di un riduttore a vite senza fine con un riduttore epicicloidale consente di ottenere elevati rapporti di riduzione ($i_{max} = 1/18452$) e di disporre di un gruppo autolubrificato compatto, silenzioso e con un' elevata affidabilità.

The coupling of a wormgearbox to a planetary gearbox allows to obtain high reduction ratios ($i_{max} = 1/18452$) and to get a compact, silent, self lubricated with high reliability group.

Designazione

Designation

Tipo Type	Rapporto Ratio	Versione Version	Flangia uscita Output flange	PAM	Flangia entrata Input flange	
WMP 030/811	207.2	CS	C90	P63	B14	+ Tipo e grandezza motore (se richiesto) + Type and frame of the motor (if requested)
WMP 030/811 WMP 030/812	vedi tabelle see tables	CS CD FS FD	— C90 C105 C120	P56 P63	B5 B14	

Dati tecnici

Technical data

WMP 030/811		i ($i_1 \times i_2$)						
		(rapporti preferenziali con pronta consegna / preferred ratios with prompt delivery)						
		67.5	101.3	135	202.5	270	337.5	405
		10x6.75	15x6.75	20x6.75	30x6.75	40x6.75	50x6.75	60x6.75
$n_1 = 1400 \text{ min}^{-1}$	n_2 [min^{-1}]	20.7	13.8	10.4	6.9	5.2	4.1	3.5
	M_n [Nm]	80						
	RD%	68	63	61	53	48	46	42
	M_2 [Nm]	56	79	73	66	80	80	80
	sf	1.4	1.0	1.0	1.2	1.0	1.0	1.0
	P_1 [kW]	0.18		0.13		0.09		
				P63		P56		

WMP 030/812		i ($i_1 \times i_2$)								
		(rapporti preferenziali con pronta consegna / preferred ratios with prompt delivery)								
		289.3	434	578.6	867.9	1157	1447	1736	2098	2734
		10x28.93	15x28.93	20x28.93	30x28.93	40x28.93	50x28.93	60x28.93	60x34.97	60x45.56
$n_1 = 1400 \text{ min}^{-1}$	n_2 [min^{-1}]	4.8	3.2	2.4	1.6	1.2	1.0	0.8	0.7	0.5
	M_n [Nm]	120								
	RD%	64	59	57	50	45	43	40	40	40
	M_2 [Nm]	113	105	120	120	120	120	120	120	120
	sf	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	P_1 [kW]	0.09	0.06							
				P56						

N.B. Verificare sempre che la coppia M_2 utilizzata non ecceda il valore nominale M_n del riduttore.
NOTE: Please check that the torque M_2 does not exceed the output torque M_n of the gearbox.

Simbologia

Symbols

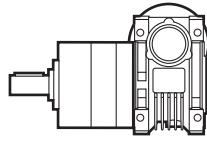
n_1	[min^{-1}]	Velocità in ingresso / Input speed
n_2	[min^{-1}]	Velocità in uscita / Output speed
i		Rapporto di riduzione / Ratio
P_1	[kW]	Potenza in entrata / Input power
M_n	[Nm]	Coppia nominale in uscita del riduttore / Maximum output torque of the gearbox
M_2	[Nm]	Coppia in uscita in funzione di P_1 / Output torque referred to P_1
sf		Fattore di servizio / Service factor
RD	%	Rendimento dinamico / Dynamic efficiency

RIDOTTORI COMBINATI **WMP 030/81** COMBINATION GEARBOXES

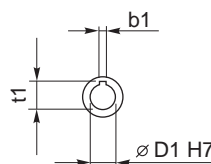
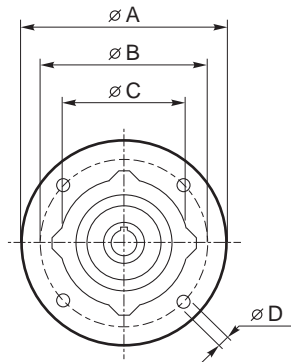
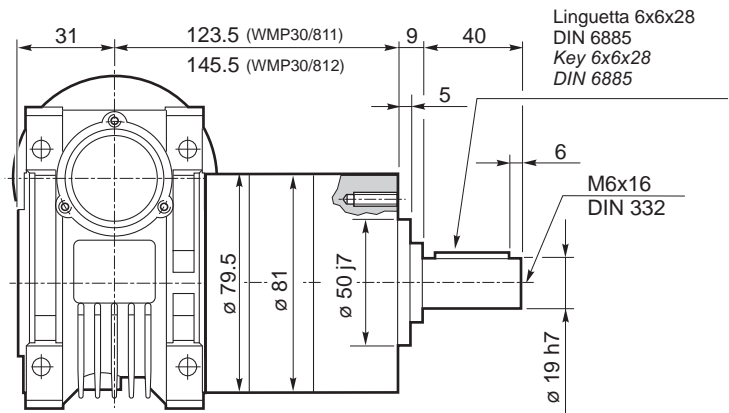
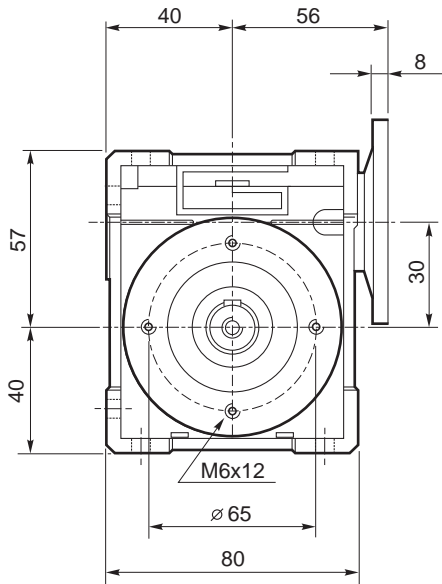
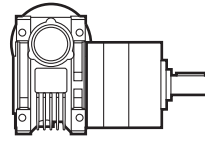
Dimensioni

Dimensions

WMP 030/S811..CS
WMP 030/S812..CS



WMP 030/S811..CD
WMP 030/S812..CD



3.1 (WMP030/811)
3.8 (WMP030/812)

		A	B	C	D	D1	t1	b1
P56	B5	120	100	80	6.5	9	10.4	3
	B14	80	65	50	6			

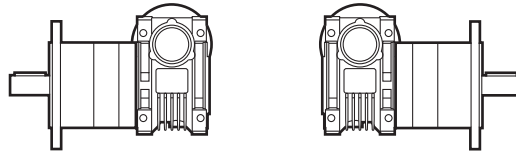
		A	B	C	D	D1	t1	b1
P63	B5	140	115	95	9.5	11	12.8	4
	B14	90	75	60	6			

WMP 030/81 RIDUTTORI COMBINATI COMBINATION GEARBOXES

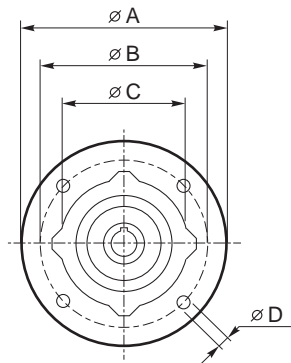
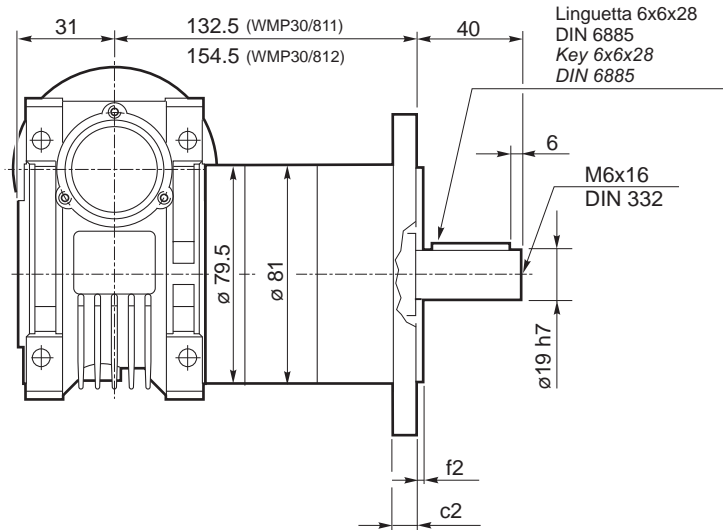
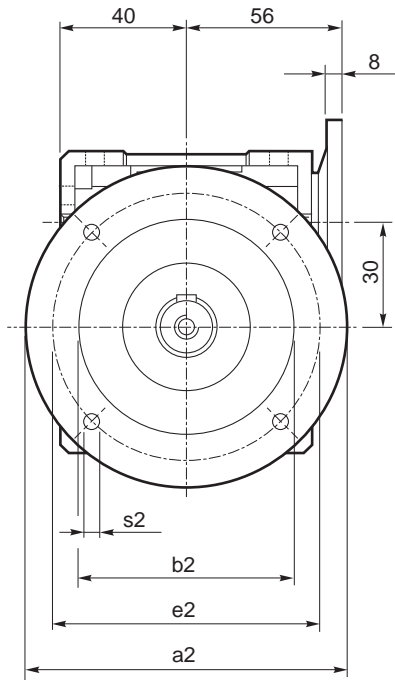
Dimensioni

Dimensions

WMP 030/811..FS
WMP 030/812..FS



WMP 030/811..FD
WMP 030/812..FD



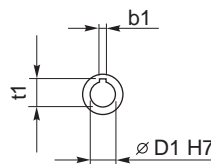
Flangia entrata
Input flange

Dimensioni flangia uscita
Output flange dimensions

	a2	b2	c2	e2	f2	s2
C90	90	60 j7	9	75	2.5	M5
C105	105	70 j7	9	85	2.5	M6
C120	120	80 j7	9	100	3.0	6.5



3.2 (WMP030/811)
3.9 (WMP030/812)



Albero entrata
Input shaft

		A	B	C	D	D1	t1	b1
P56	B5	120	100	80	6.5	9	10.4	3
	B14	80	65	50	6			

		A	B	C	D	D1	t1	b1
P63	B5	140	115	95	9.5	11	12.8	4
	B14	90	75	60	6			



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