

REDEX

i nuovi taglia Zero

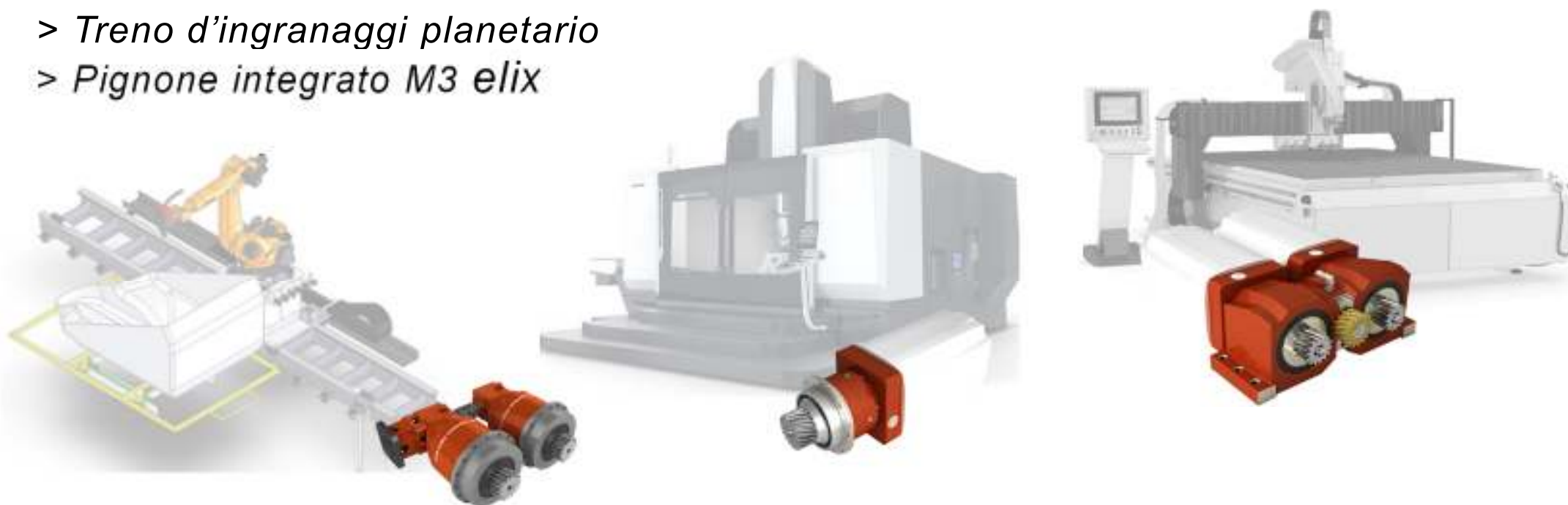
Pignone integrato M3 - Z14/18 a denti elicoidali



Redex nuovo KRP.0

Redex presenta il miniriduttore compatto super-rigido

- > *Treno d'ingranaggi planetario*
- > *Pignone integrato M3 elix*



Configurato per precarico elettrico (twin drive) o meccanico (dual drive); ideale per Automazione e Macchine di precisione ad alta dinamica

Redex nuovo KRP.0

KRP0+M →

Coppia nominale in uscita (T2N) ➤ **200Nm**

Coppia max in uscita (T2B) ➤ **350Nm**

Rapporti di riduzione ➤ **5 - 7 - 10**

KRP0+R →



Redex nuovo KRP.0

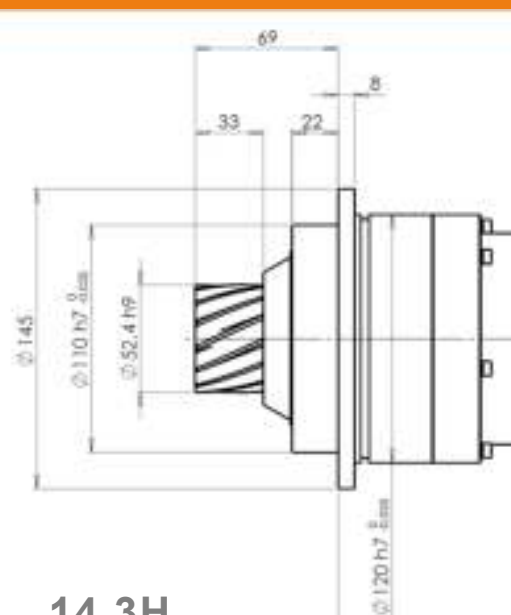
KRPO+M

KRPO+R

2 tipologie di
pignone
integrato

- Z14 denti Mo3 elicoidali
- Z18 denti Mo3 elicoidali

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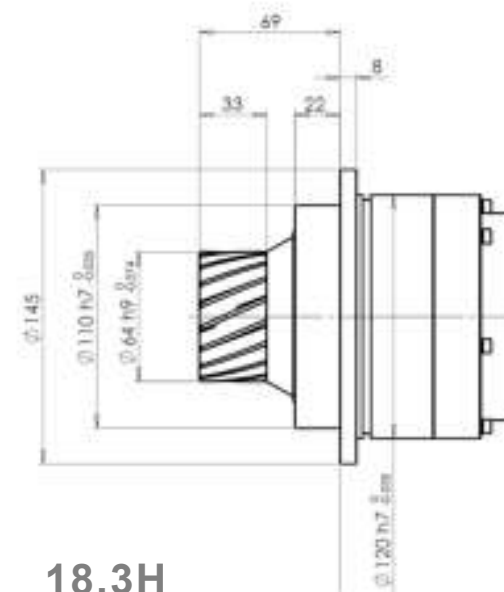
14.3H

Modulo 3

Angolo elica 19°31'42''

Numero denti 14

Diametro primitivo teorico
(D02): 44,563



18.3H

Modulo 3

Angolo elica 19°31'42''

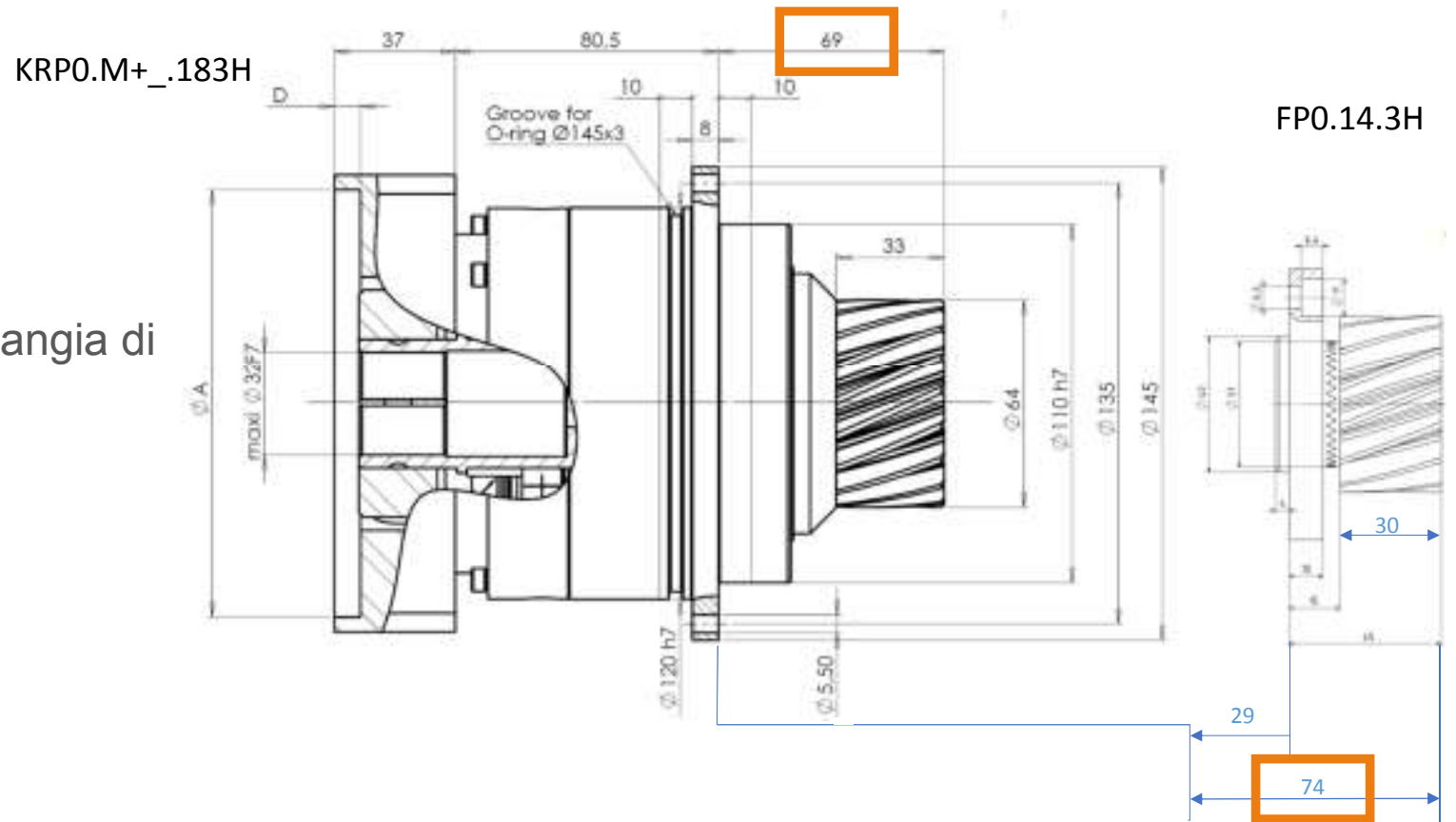
Numero denti 18

Diametro primitivo teorico
(D02): 57,296

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Pignone integrato vs Pignone riportato...

... distanza assiale dalla flangia di fissaggio 69mm vs 74mm



Redex nuovo DRP.0

DRP0+M

Rapporti 5-7-10

Coppia nominale in uscita (T2N): 200Nm

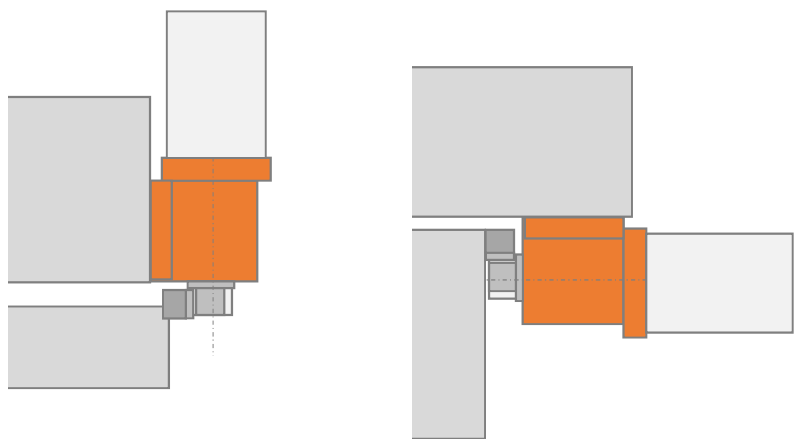
Coppia massima in uscita (T2B): 350Nm



Redex nuovo DRP.0

DRP0+M esecuzione solo in versione Twin-drive con precarico elettrico. Due riduttori RP0 integrati nel nuovo telaio in ghisa sferoidale.

Montaggio semplice; efficace per fissaggi laterali ed inversi.



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Redex nuovo DRP.0



DRP SIZE 0

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General data

DRP	M	%	1 Stage	M
Weight	4	%	2 Stage	
Efficiency	9	%	1 Stage	90
		%	2 Stage	82
Mount	J	Input	Output	0
Case				1
Code				DRP000

Pinion features

Tool type	Normal	M	IE
Module	2	mm	2
Helix angle DRP	0	deg	45°/30°/45°
Number of teeth	22		14 16
Pressure angle	14	deg	20 20
Transmitted pitch diameter	100	mm	20,00 21,20
Addendum modification factor	0		0,000 0,100
Pinion quality grade	0	ISO 1328	0 3
Surface treatment	NiC	100	0-50 0-100

Rack features

Version	F20	IE	1000
Standard	F20T	IE	2100
	Standard		1000 200 1 1000
	F20	IE	1000
Profile	F20T	IE	4000
	Standard		1000/20
Availability length	1	mm	100 1000 2000
Dimensions			see tables p 113 115

Drive linear features

Ratio		M	14	16	14	16	14	16
Max. load force	F20	IE	3071	3900	3071	3900	3071	3900
Push acceleration load force	F20	IE	2700	3220	2700	3220	2700	3220
Max. acceleration load force	F20_max	IE	3441	3400	3441	3400	3441	3400
Output force	F20T	IE	2201	2700	2201	2700	2201	2700
Max. linear speed	V20	mm/s	100	120	120	100	94	100
Max. linear speed	V20	mm/s	10	10	40	30	30	30
Output stiffness on the load	K20	N/mm	100	100	20	20	20	20
Stiffness	K	N/mm	100	100	100	100	100	100

DRP ratings

Ratio		0	1	16
Max. input torque	T20	IE	200	200
Max. input torque	T20	IE	200	200
No load torque	T01	IE	-	-
No load torque	T01	IE	-	-
Output torque	T20T	IE	100	100
Max. input speed	n10	rpm	1000	1000
Max. input speed	n10	rpm	1000	1000
Max. input speed	n10	rpm	1000	1000
Output stiffness	K20	N/mm	100	100
Input stiffness	K20	N/mm	100	100
Output stiffness	K20	N/mm	100	100
Input stiffness	K20	N/mm	100	100
Output stiffness	K20	N/mm	100	100
Input stiffness	K20	N/mm	100	100

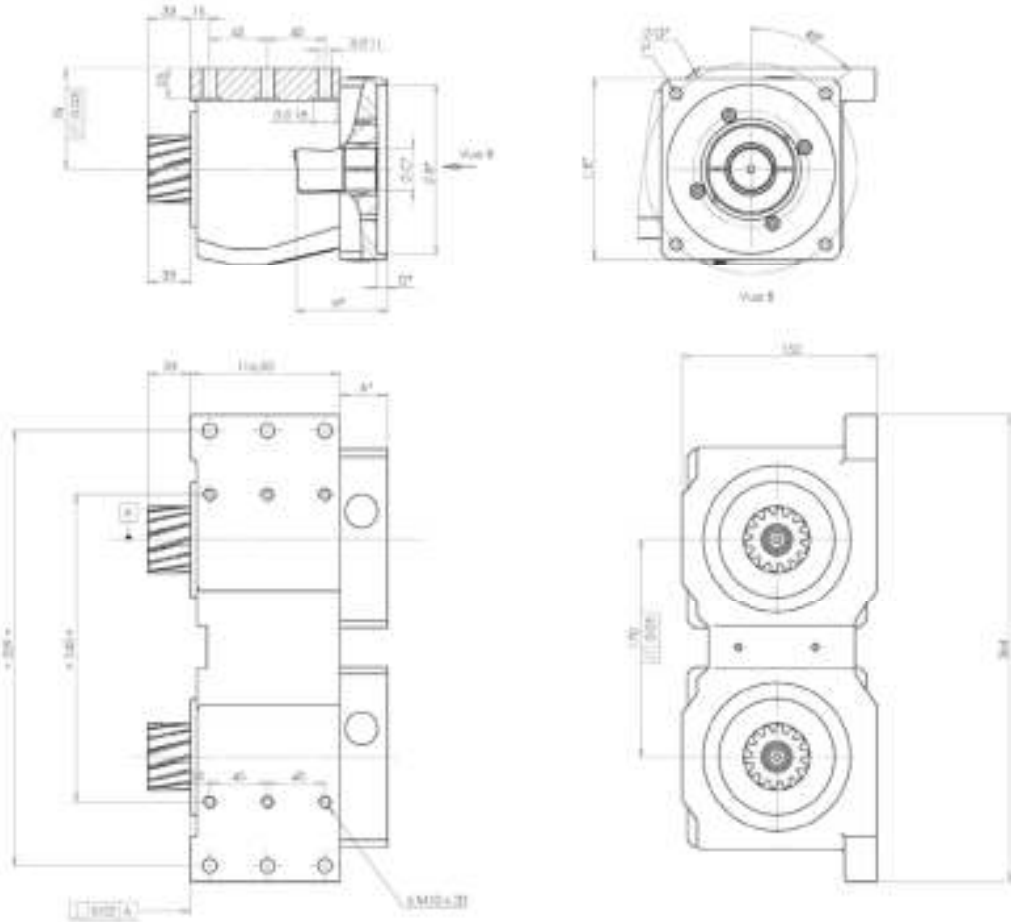
CUBEX concept

Dimensional data and technical data. Please consult the drawing for details. Dimensions are in mm unless otherwise specified.

Redex nuovo DRP.0

DRP SIZE 0

DIMENSIONS - TYPE M 1 stage



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