

PIBOMULTI

Standard

SWISS

MADE

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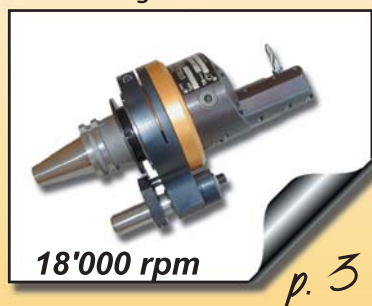


Standard

Têtes angulaires
Winkelköpfe
Angular heads

Multiplicateurs de vitesse
Schnellaufspindeln
Spindle speeders

Têtes revolver
Revolverköpfe
Turret heads



p. 3



p. 43



p. 48

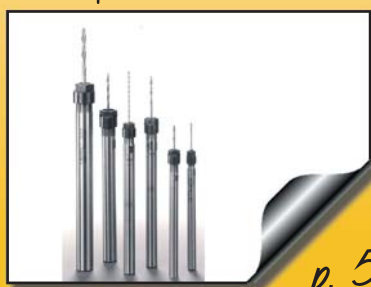
Têtes multibroches
Mehrspindelköpfe
Multispindle heads

Rallonges de broches
Spindelverlängerungen
Spindle extensions

Tête à broches alternées
Köpfe mit abwechselnden Spindeln
Multi heads with alternating spindles



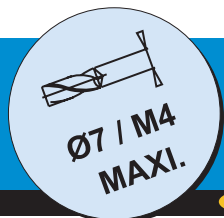
p. 50



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p. 51

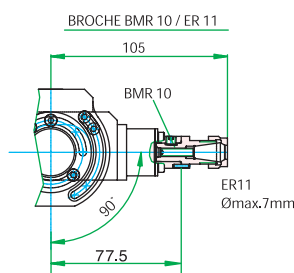
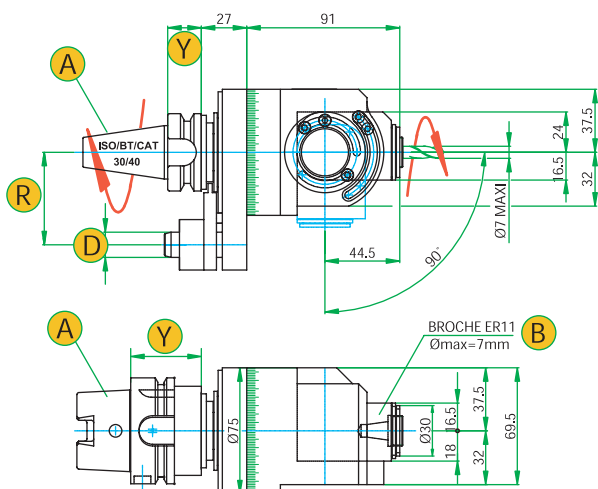


CTAR 07

10'000 rpm

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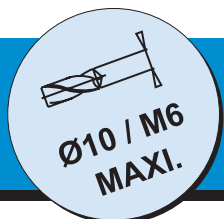
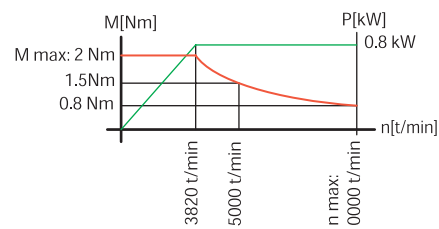
**A CHANGEMENT RAPIDE
SCHNELLWECHSEL
QUICK CHANGE**

HSK 40/50/63

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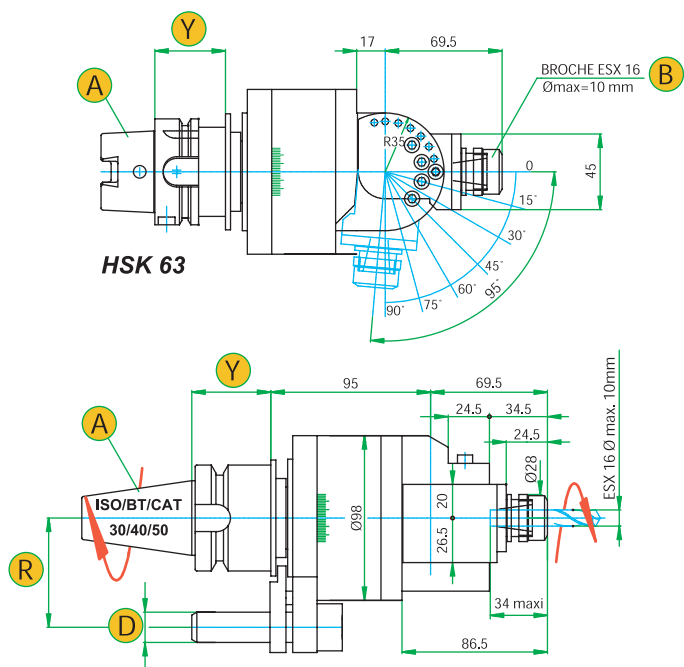
**AUTRE BROCHE SUR DEMANDE
ANDERE SPINDELN AUF ANFRAGE
ANOTHER SPINDLE ON REQUEST**

 BROCHE SPINDEL SPINDEL	kW	Nm		 kg
10000 t/min u/min rpm	0,8 kW	2 Nm	1 à 3.2	≈ 3 à 4 kg

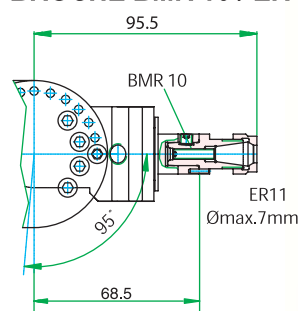


CTAR10

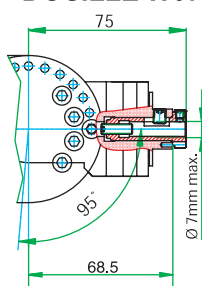
7'000 rpm



BROCHE BMR 10 / ER 11



BROCHE BMR 10
DOUILLE W07-11-38

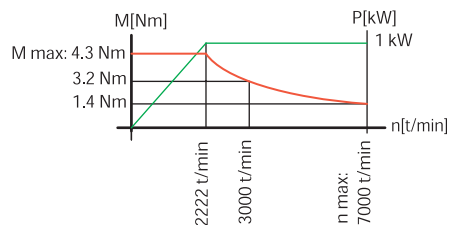


**A CHANGEMENT RAPIDE
SCHNELLWECHSEL
QUICK CHANGE**

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**AUTRE BROCHE SUR DEMANDE
ANDERE SPINDELN AUF ANFRAGE
ANOTHER SPINDLE ON REQUEST**

 BROCHE SPINDEL SPINDELE	kW	Nm		
7000 $\frac{t}{min}$ $\frac{u}{min}$ rpm	1.0 kW	4.3 Nm	1 à 2	$\approx 6.5 \text{ à } 7.5$ kg



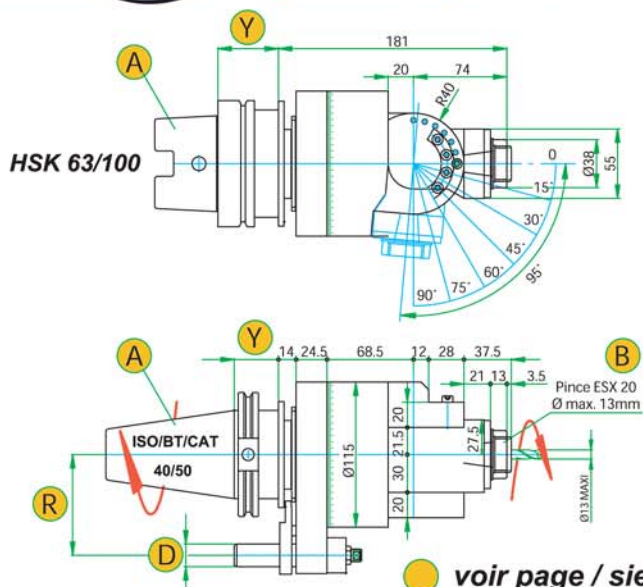
Ø13 / M8
MAXI.

CTAR 13

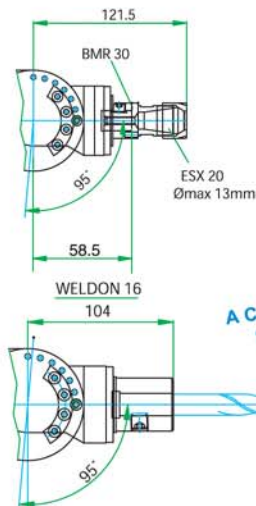
5'000
rpm

SPECIAL : 6 000 rpm

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BMR 30 / ESX 20 Ø Max. 13 mm



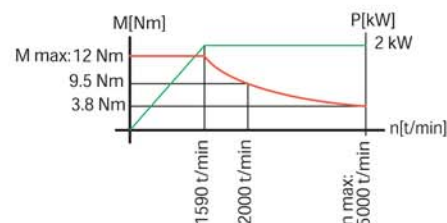
A CHANGEMENT RAPIDE
SCHNELLWECHSEL
QUICK CHANGE



AUTRE BROCHE SUR DEMANDE
ANDERE SPINDELN AUF ANFRAGE
ANOTHER SPINDLE ON REQUEST

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BROCHE SPINDEL SPINDLE	kW	Nm		kg
5000 t/min w/min rpm	2.0 kW	12 Nm	1 à 1.6	≈ 12 à 14 kg

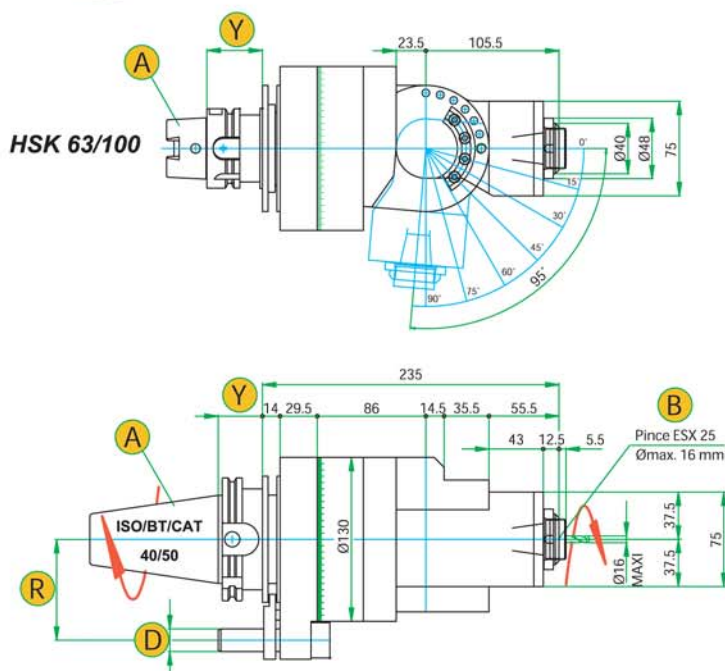


Ø16 / M12
MAXI.

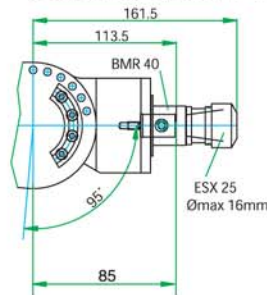
CTAR 16

4'500
rpm

SPECIAL : 5 500 rpm



BMR 40 / ESX 25 Ø Max. 16 mm

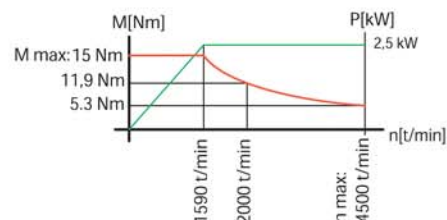


A CHANGEMENT RAPIDE
SCHNELLWECHSEL
QUICK CHANGE

AUTRE BROCHE SUR DEMANDE
ANDERE SPINDELN AUF ANFRAGE
ANOTHER SPINDLE ON REQUEST

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BROCHE SPINDEL SPINDLE	kW	Nm		kg
4500 t/min w/min rpm	2.5 kW	15 Nm	1 à 1.39	≈ 17 kg



Ø16 / M12
MAXI.

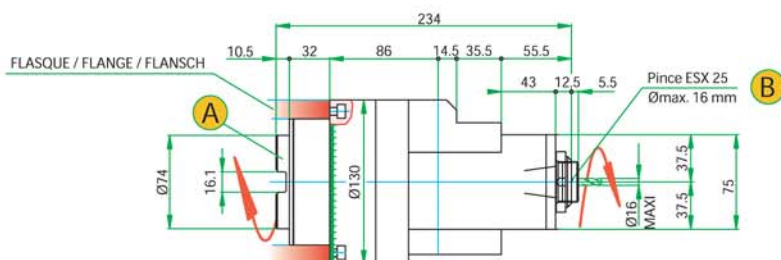
FLASQUE
FLANGE
FLANSCH

FTAR 16

4'500
rpm

SPECIAL : 5 500 rpm

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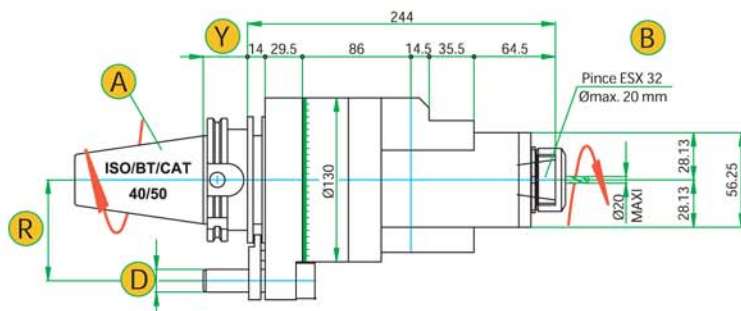
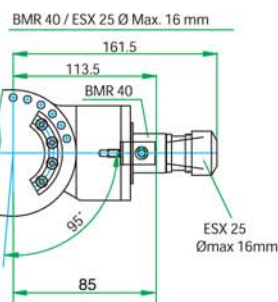
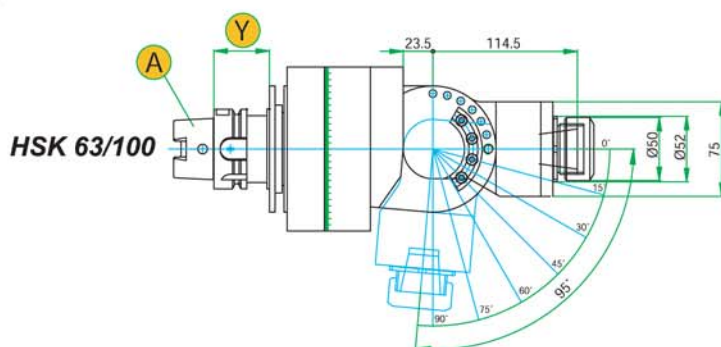


Ø20 / M16
MAXI.

CTAR 20

4'500
rpm

SPECIAL : 5 500 rpm



A CHANGEMENT RAPIDE
SCHNELLWECHSEL
QUICK CHANGE

AUTRE BROCHE SUR DEMANDE
ANDERE SPINDELN AUF ANFRAGE
ANOTHER SPINDLE ON REQUEST



BROCHE
SPINDEL
SPINDLE

kW Nm

1 à 1.39

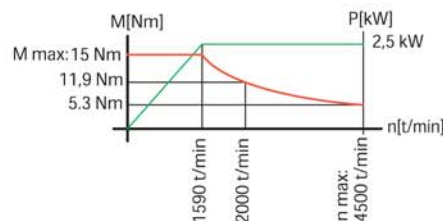
kg

4500 t/min
w/min
rpm

2.5 kW

15 Nm

17 kg



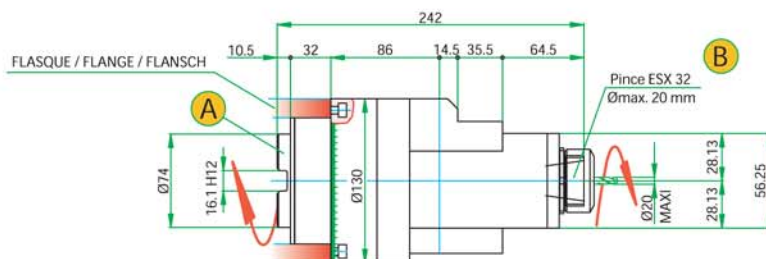
Ø20 / M16
MAXI.

FLASQUE
FLANGE
FLANSCH

FTAR 20

4'500
rpm

SPECIAL : 5 500 rpm

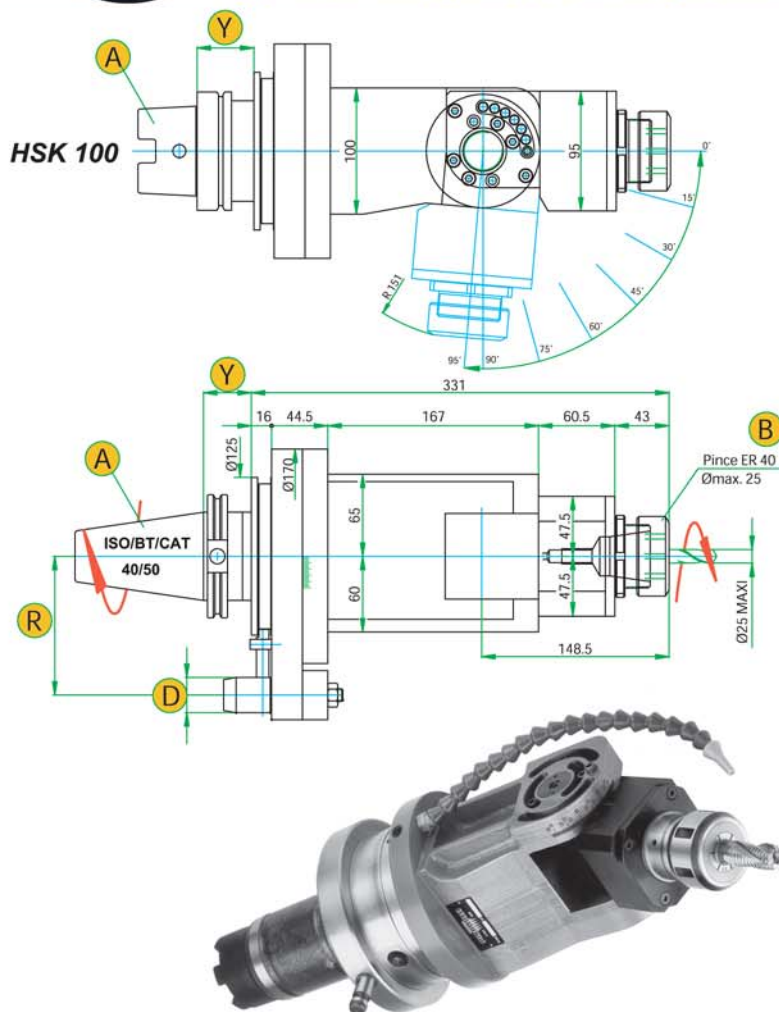


Ø25 / M20
MAXI.

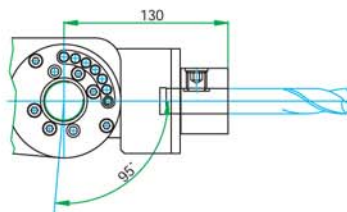
CTAR 25

3'000
rpm

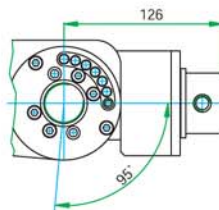
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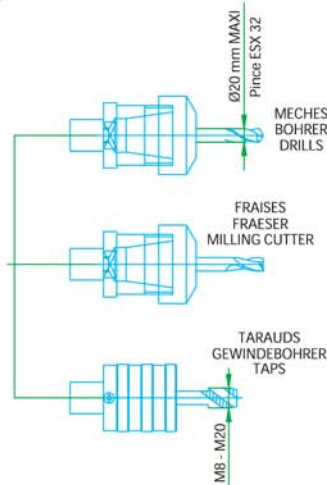
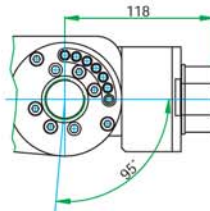
WELDON 20



KM 40



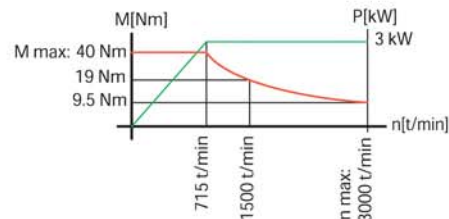
WFLK 225



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AUTRE BROCHE SUR DEMANDE
ANDERE SPINDELN AUF ANFRAGE
ANOTHER SPINDLE ON REQUEST

BROCHE SPINDEL SPINDEL	kW	Nm	kg
3000 t/min w/min rpm	3.0 kW	40 Nm	1 à 1
			30 à 33 kg

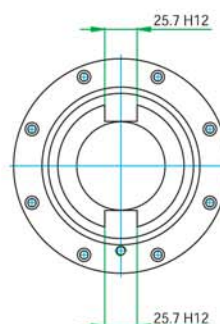
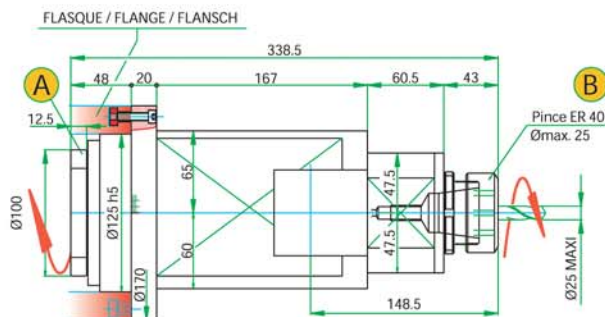


Ø25 MAXI.

FLASQUE
FLANGE
FLANSCH

FTAR 25

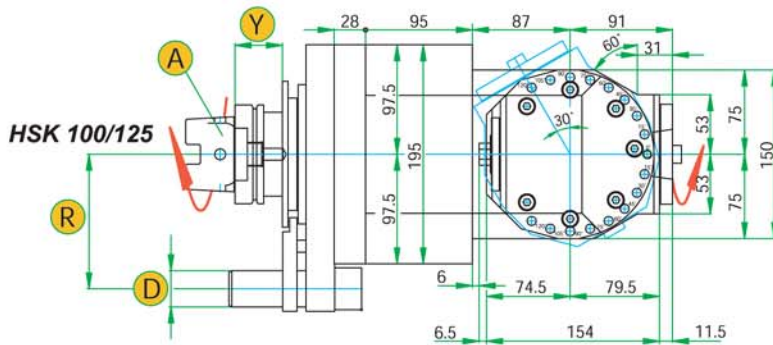
3'000
rpm



CTAR 40 / CTARH 40

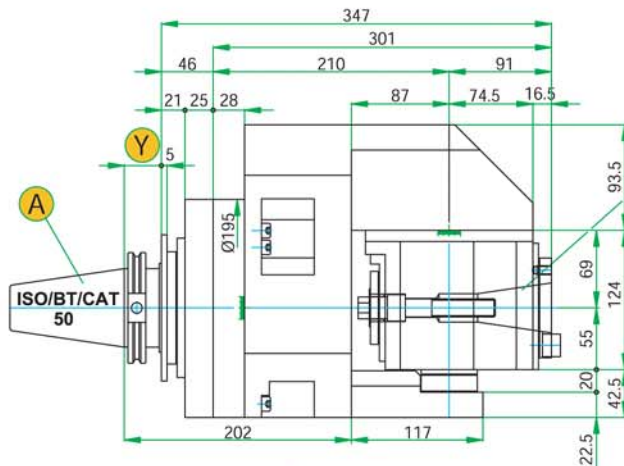
3'000 rpm

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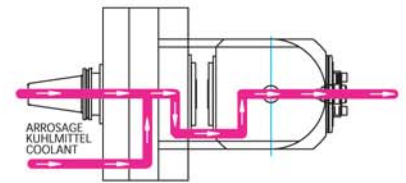


CTAR 40
GOUPILLE D'INDEXION PAS 15°
INDEXIERUNGSTIFT TEILUNG 15°
LOCATION PIN THREAD 15°

CTARH 40
DENTURE HIRTH 360° PAS 2.5°
HIRTH-VERZÄHNUNG 360° TEILUNG 2.5°
HIRTH-COUPLING 360° THREAD 2.5°



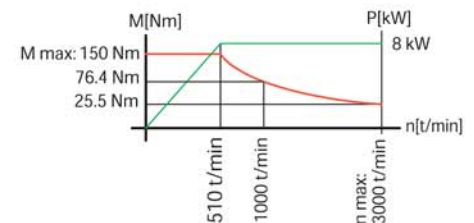
HSK 63 SUR DEMANDE
AUF ANFRAGE - ON REQUEST



ARROSAGE CENTRAL
INNERE KÜHLMITTELZUFUHR
COOLANT THROUGH CENTRE

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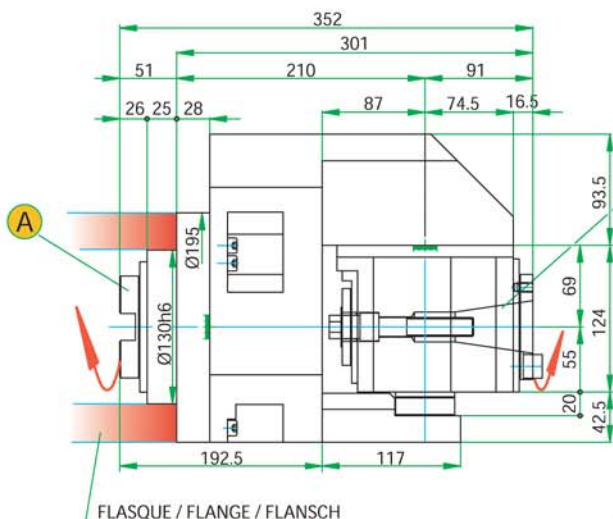
BROCHE SPINDEL SPINDLE	kW	Nm		kg
3000 t/min u/min rpm	8.0 kW	150 Nm	1 à 1.5	≈ 45 kg



FLASQUE
FLANGE
FLANSCH

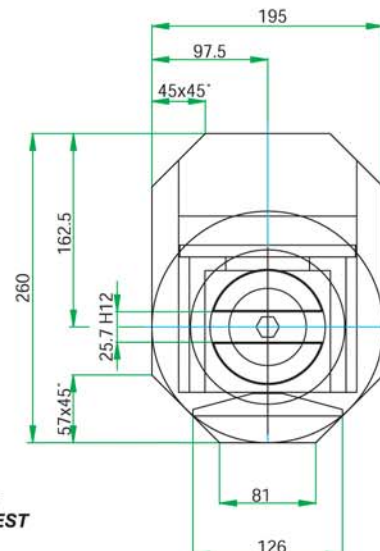
FTAR 40 / FTARH 40

3'000 rpm



ISO 40 DIN 2080
ISO 40 DIN 69871-A
BT 40
CAT 40
CAT 40 UNC

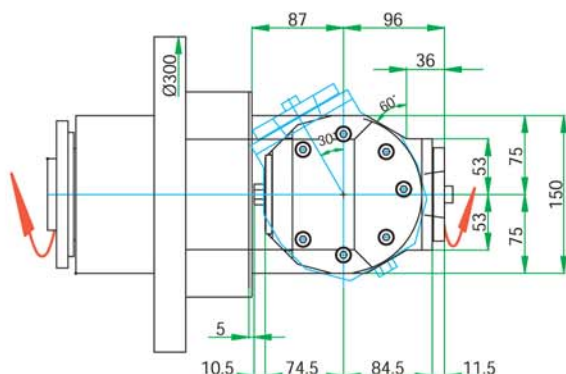
HSK 63 SUR DEMANDE
AUF ANFRAGE - ON REQUEST



FTAR 40 - 2.5 / FTARH 40 - 2.5

4'500 rpm

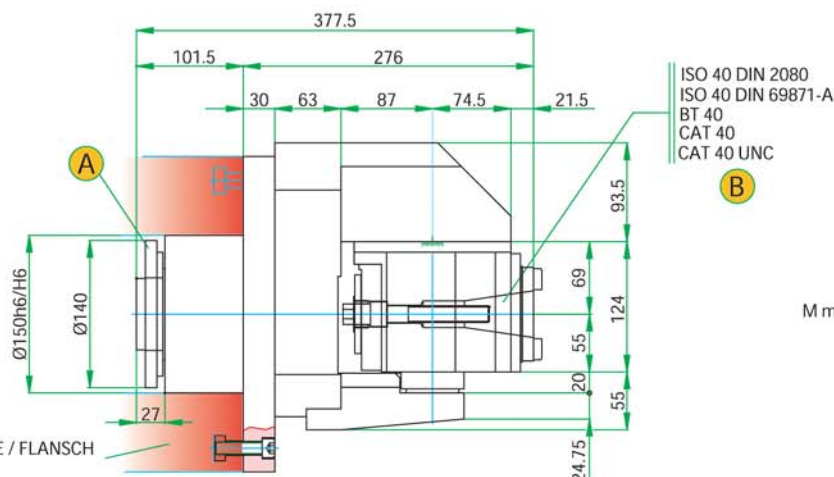
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 Voir / siehe / see
CTAR 40

CTAR 40

 GOUPILLE D'INDEXION PAS 15°
 INDEXIERUNGSTIFT TEILUNG 15°
 LOCATION PIN THREAD 15°

 $\pm 120^\circ$ OU

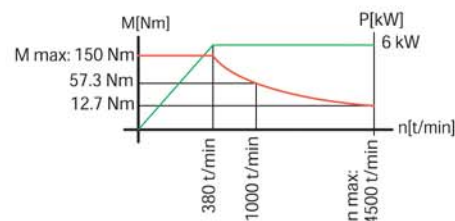
CTARH 40

 DENTURE HIRTH 360° PAS 2.5°
 HIRTH-VERZÄHNUNG 360° TEILUNG 2.5°
 HIRTH-COUPLING 360° THREAD 2.5°


FLASQUE / FLANGE / FLANSCH

 ISO 40 DIN 2080
 ISO 40 DIN 69871-A
 BT 40
 CAT 40
 CAT 40 UNC

B

 HSK 63 SUR DEMANDE
 AUF ANFRAGE - ON REQUEST


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BROCHE SPINDEL SPINDLE	kW	Nm		kg
4500 t/min w/min rpm	6.0 kW	150 Nm	1 à 2.5	≈ 50 kg


FTAR 40

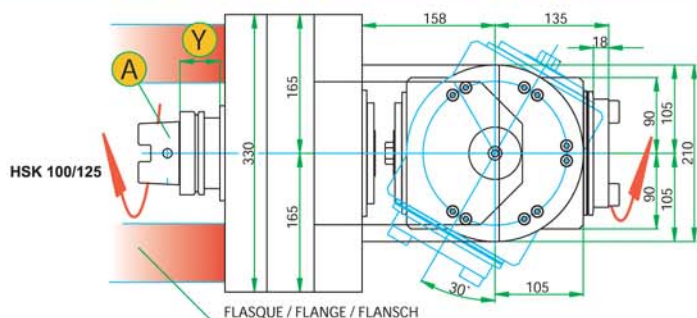
CTAR 50

FTAR 50

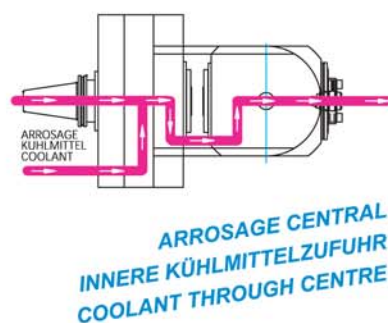
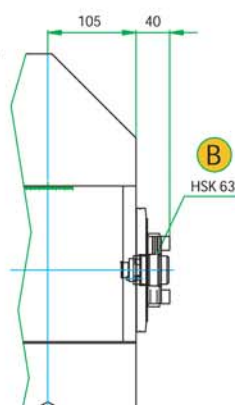
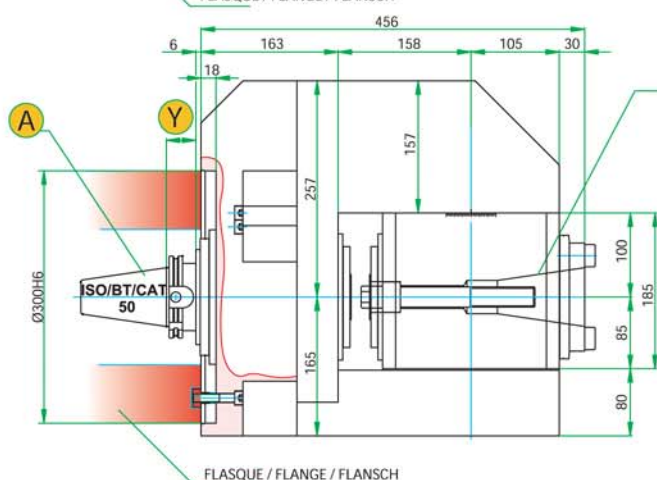
CTARH 50-20 1'800 rpm

CTARH 50-20-2 3'600 rpm

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+/- 120° ou
indexion à denture tous les 1°
Indexierung mit Verzahnung alle 1°
location device with teeth every 1°



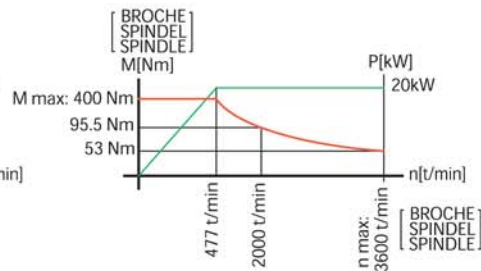
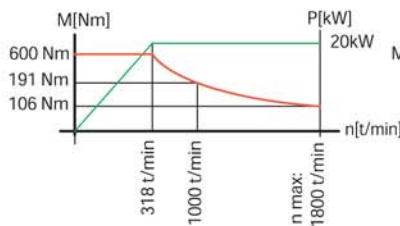
HSK 80 SUR DEMANDE
AUF ANFRAGE - ON REQUEST

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CTAR 50-20

CTAR 50-20-2

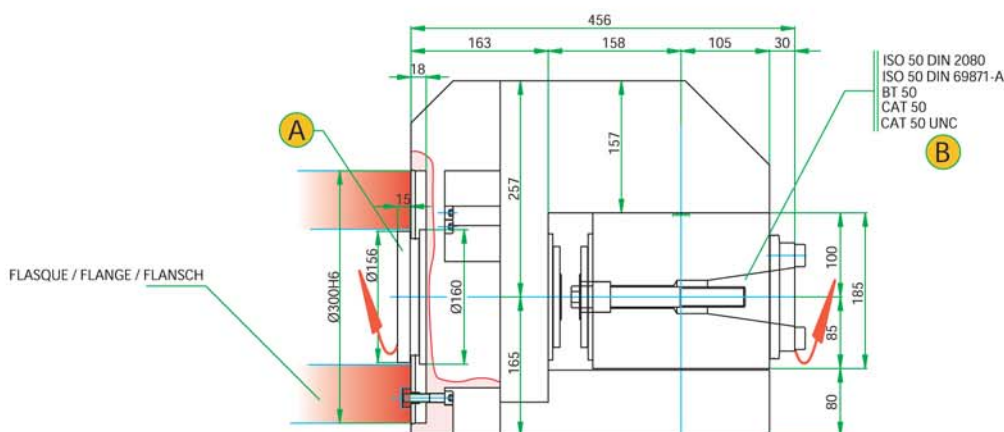
	1 CTAR 50-20	2 CTAR 50-20-2		
BROCHE SPINDEL SPINDLE	kW	Nm		kg
1 1800 T/min w/min rpm	20 kW	600 Nm	1 à 1	200 kg
2 3600 T/min w/min rpm	20 kW	400 Nm	1 à 2	200 kg



**FLASQUE
FLANGE
FLANSCH**

FTARH 50-20 1'800 rpm

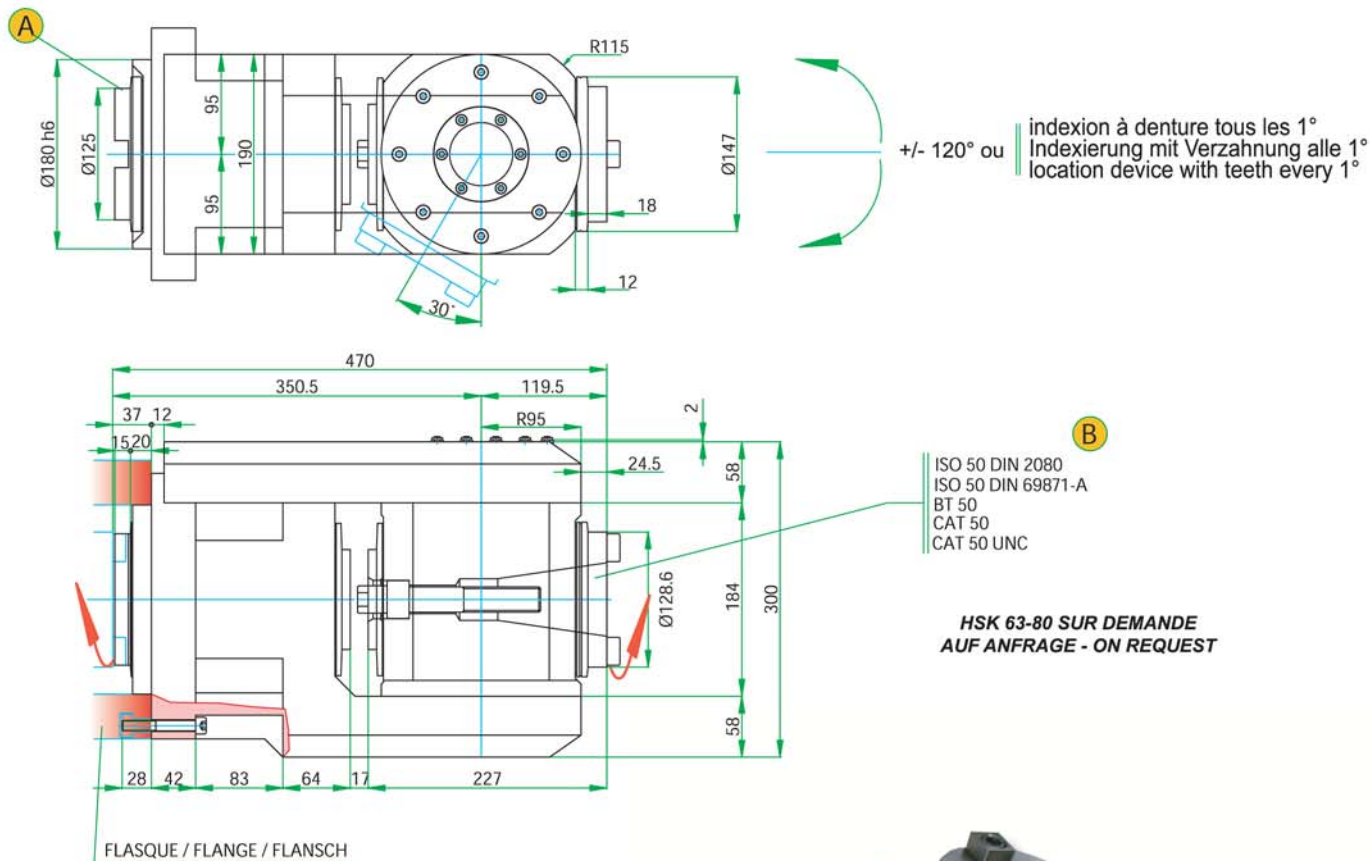
FTARH 50-20-2 3'600 rpm



HSK 63 B
HSK 80 SUR DEMANDE
AUF ANFRAGE - ON REQUEST

**FLASQUE
FLANGE
FLANSCH**
FTARH 50-14
**2'000
rpm**

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BROCHE SPINDEL SPINDLE	kW	Nm		kg
2000 t/min u/min rpm	14 kW	350 Nm	1 à 1	≈ 140 kg

