

Schnellwechselschnittstelle
Solidfix® S4
Quick-change system
Solidfix® S4

Kühlmittelübergabe
coolant transfer

Ausrichts-system
alignment system

Kühlmittelspritzdüse
coolant nozzle

Ausrichtfläche
alignment surface

drive (input):
max. speed (duty cycle 15%) : 5000 1/min
max. speed (duty cycle 100%) : 3500 1/min
max. torque : 50 Nm

spindle (output):
max. speed (duty cycle 15%) : 9815 1/min
max. speed (duty cycle 100%) : 6870 1/min
max. torque : 25,5 Nm

speed ratio: 1:1,9630 (27:53)

rotating direction of spindle
against drive direction

grease life-time lubrication

Antrieb (Eingang):
max. Drehzahl (15% ED) : 5000 1/min
max. Drehzahl (dauernd) : 3500 1/min
max. Drehmoment : 50 Nm


Spindel (Ausgang):
max. Drehzahl (15% ED) : 9815 1/min
max. Drehzahl (dauernd) : 6870 1/min
max. Drehmoment : 25,5 Nm

Übersetzungsverhältnis : 1:1,9630 (27:53)

Spindeldrehrichtung entgegen
Antriebsdrehrichtung

Fett-Dauerschmierung

definition
duty cycle 15% => 1,5min work / 8,5min rest
Begriffserklärung
15% ED => 1,5min Bearbeitung / 8,5min Pause

				Standard tolerances following DIN ISO 2768-m K-E Tolerance DIN 7167		Protection according to ISO 16016 Disclosure as well as duplications of this document, application and use of its content is forbidden if not particularly permitted. Violations will cause indemnities. All rights reserved for patents, utility models and designs.		Production no.	Batch size
				Projection 1	Scale 1:1	BENZ GmbH Werkzeugsysteme		External no.	
Ind	Revision information	Date	Name	Date	Name				
	Material			14.11.2013	ds				
	Data/ Material no.			26.03.2014	FA				
	Heat treatment			26.03.2014	FA				
Surface treatment				Weight [kg] 5,063		Description		Drawing no.	
Work piece edges DIN 6784				Surfaces DIN ISO 1302		Axial drilling and milling head		114DI10481S4L	
-0,3				+0,4		VDI 40 x Solidfix® S4		Sheets 2 Sheet 1 Format A2	
								Origin -	

CAD drawing - no manual alterations allowed