KAAST

CLG NC

301206 | 601808 | 601810 | 601812 | 602008 | 602010 | 602012

NC Centerless Grinder

STANDARD CONFIGURATION

- Standard Coolant Tank
- Diamond Dresser
- Grinding Wheel with Flange
- Spindle Lubrication System w/ Cooling Fan
- Thru-Feed Workrest and Infeed Workrest
- Leveling Bolts And Blocks
- Tool Kit

OPTIONAL CONFIGURATION

- Auto Loading Systems
- Profile Attachment
- Hydrostatic Spindle Bearings
- Coolant System

The grinding and control spindles are **hardened with friction bearings**, while the **frequency-controlled regulating wheel** is powered by an OS motor. Both grinding and regulating wheels feature **hydraulically driven dressing devices**.

CLG NC			301206	601808 601810 601812	602008 602010 602012
			1.1”	2.3”	2.3”
Grinding Capacity	Work Diameter (Standard Workrest)	mm	Ø1-30 (0.04-1.18”)	Ø1-60 (0.04-2.3”)	
	Work Diameter (Special Workrest)	mm	Ø30-50 (1.18-1.96”)	Ø60-100 (2.3-3.9”)	
	Auto Infeed Min. Increment	mm	0.0001 (0.000003”)		
Grinding Wheel	Wheel Size (OD x Width x ID) 08type	mm	305x150x120 (12x6x4.72”)	455x205x228.6 (18x8x9”)	510x205x304.8 (20x8x12”)
	Wheel Size (OD x Width x ID) 10type	mm	-	455x255x228.6 (18x10x9”)	510x255x304.8 (20x10x12”)
	Wheel Size (OD x Width x ID) 12type	mm	-	455x305x228.6 (18x12x9”)	510x305x304.8 (20x12x12”)
	Motor rated power	kw	5.5 (7.5 Hp) [Opt. 7.5 (10 Hp)]	11 (15 Hp) [Opt. 15 (20 Hp)]	15 (20 Hp) [Opt.18.75 (25 Hp)]
	Spindle speed	rpm	2080	1400	1250
Regulating Wheel	Wheel Size (OD x Width x ID) 08type	mm	205x150x90 (8x6x3.5”)	255x205x111.2 (10x8x4.3”)	305x205x127 (12x8x5”)
	Wheel Size (OD x Width x ID) 10type	mm	-	255x255x111.2 (10x10x4.3”)	305x255x127 (12x10x5”)
	Wheel Size (OD x Width x ID) 12type	mm	-	255x305x111.2 (10x12x4.3”)	305x305x127 (12x12x5”)
	Motor	kW	3 (4 Hp)		
	Spindle Speed (Infinite Variable)	rpm	15-310		
	Swivelling Angle (L/R)		±5°		
	Min. Infeed Unit	mm	0.001 (0.00003”)		
	Inclining Angle (F/R)		+5° ~ -3°		
Hydraulic motor		kW	0.75 (1 Hp)		
Weight		kg	1800 (3,970 lbs)	3300 (7,300 lbs)	3400 (7,500 lbs)
Dimensions (L/W/H)		mm	2260x1950x1820 (89x76x71”)	2700x2240x1850 (106x88x73”)	
Item No.			3100059	3100060	3100061
				3100062	3100063
				3100065	3100066

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.