

ROYAL
Royal Precision Tools Corporation

High Precision Spindles Solutions

Total Solution • State of the Art



PRECISION

STABILITY

RIGIDITY

EFFICIENCY

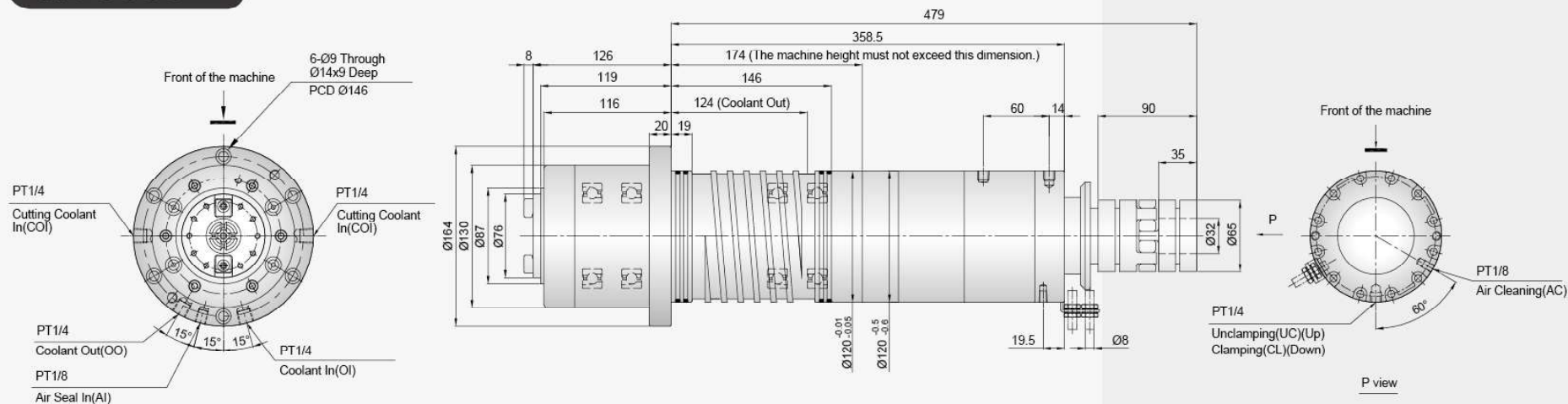
Direct-Drive Spindle

- ▶ High dynamic rotary accuracy
- ▶ High precision, low vibration
- ▶ Same flange dimensions, high adaptability

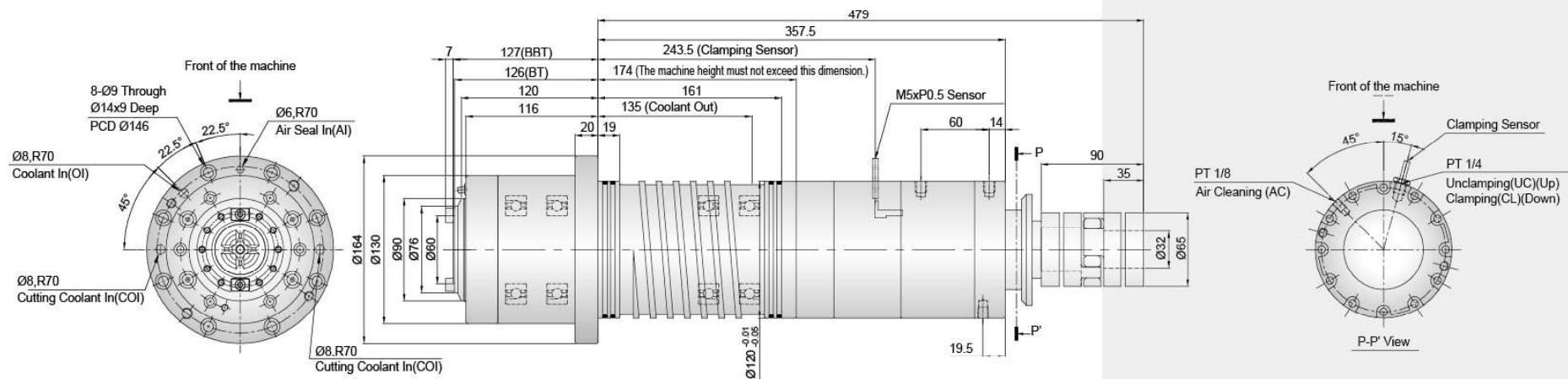


Model	Housing OD (mm)	Max. Speed (rpm)	Taper	Clamping force (kgf)	Bearing ID (mm)	Lubrication	Cooling	Weight (kg)	CTS
RD3068	Ø100	24000	BT30/BBT30	250±50	Ø40	Grease Oil-air	Oil	Approx. 38	Optional
RD3006	Ø120	18000	BT30/BBT30	350±50	Ø60			Approx. 38	
RD4172		15000	BT40/BBT40	900±100	Ø60			Approx. 38	
RDH085		HSK A63	1800~2300	Ø60	Approx. 38				
RD4230	Ø150	12000	BT40/BBT40	1200~1320	Ø70			Approx. 60	
RD4152		18000	BT40/BBT40	1200±100	Ø70			Approx. 60	
RDH069		HSK A63	1800~2300	Ø70	Approx. 60				
RD4014	Ø155	15000	BT40/BBT40	1000±100	Ø70			Approx. 80	
RD5012		10000	BT50/BBT50	1500±100	Ø80			Approx. 70	
RD5002	Ø190	12000	BT50/BBT50	1800±100	Ø90			Approx. 112	
RDH061			HSK A100	4500~5800	Ø90			Approx. 112	
RD5059	Ø200	12000	BT50/BBT50	1800±100	Ø100			Approx. 134	
RDH008			HSK A100	4500~5800	Ø100			Approx. 134	

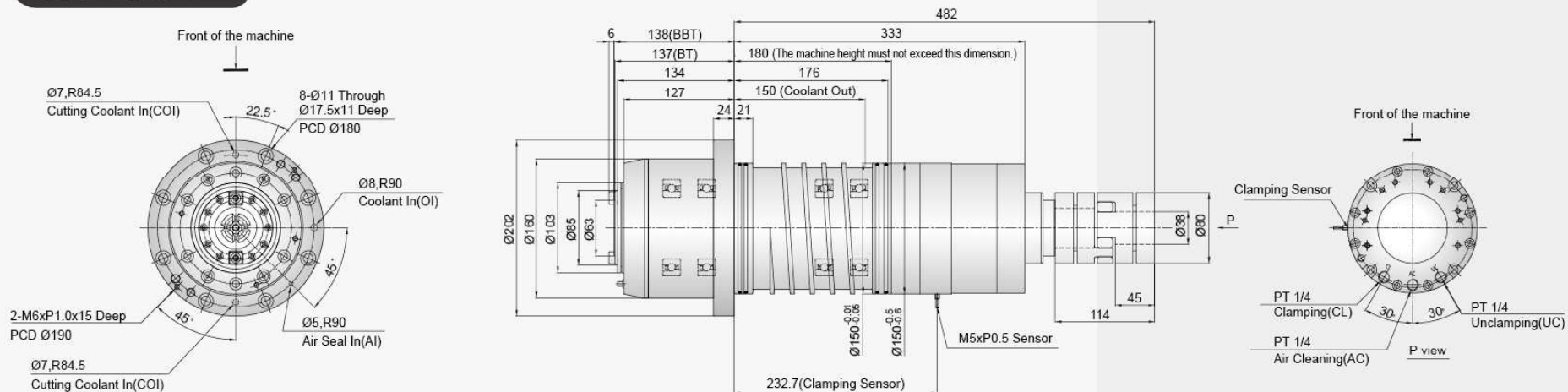
RD3006



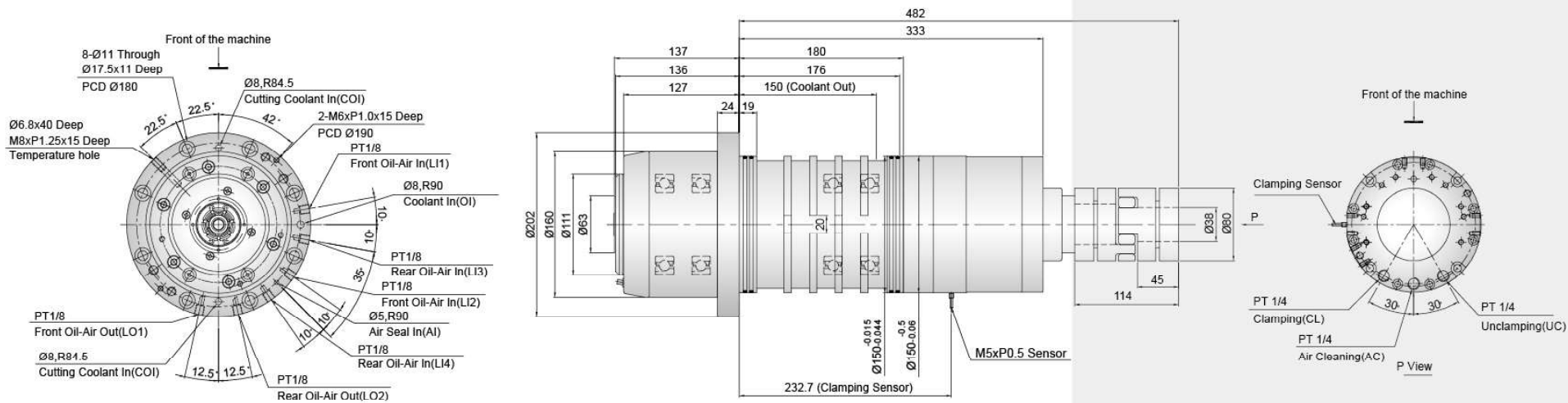
RD4172



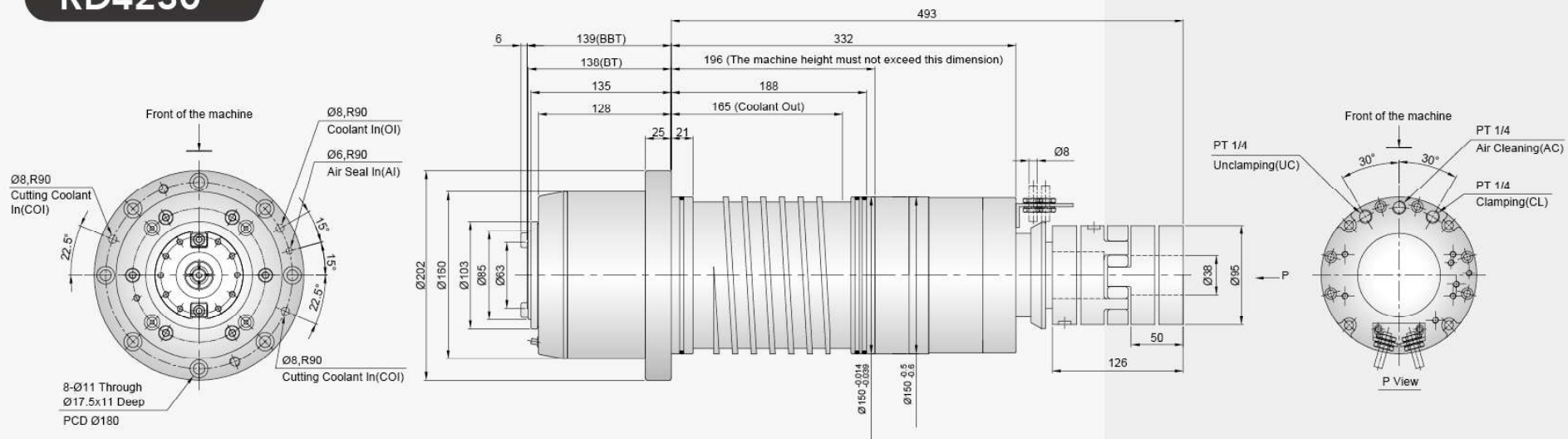
RD4152



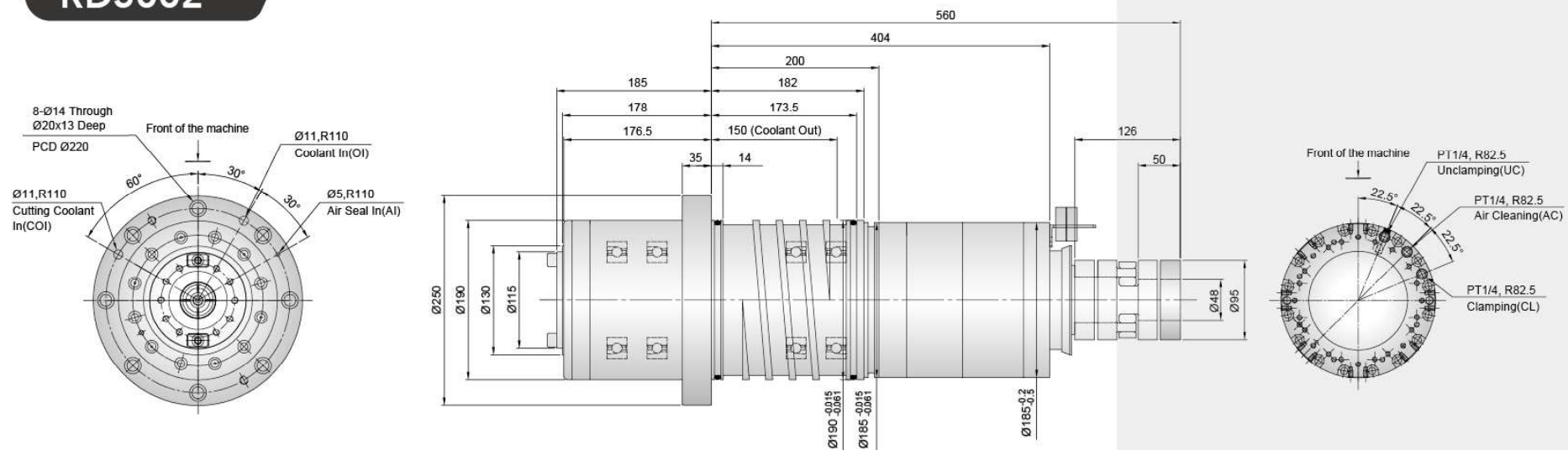
RDH069



RD4230



RD5002

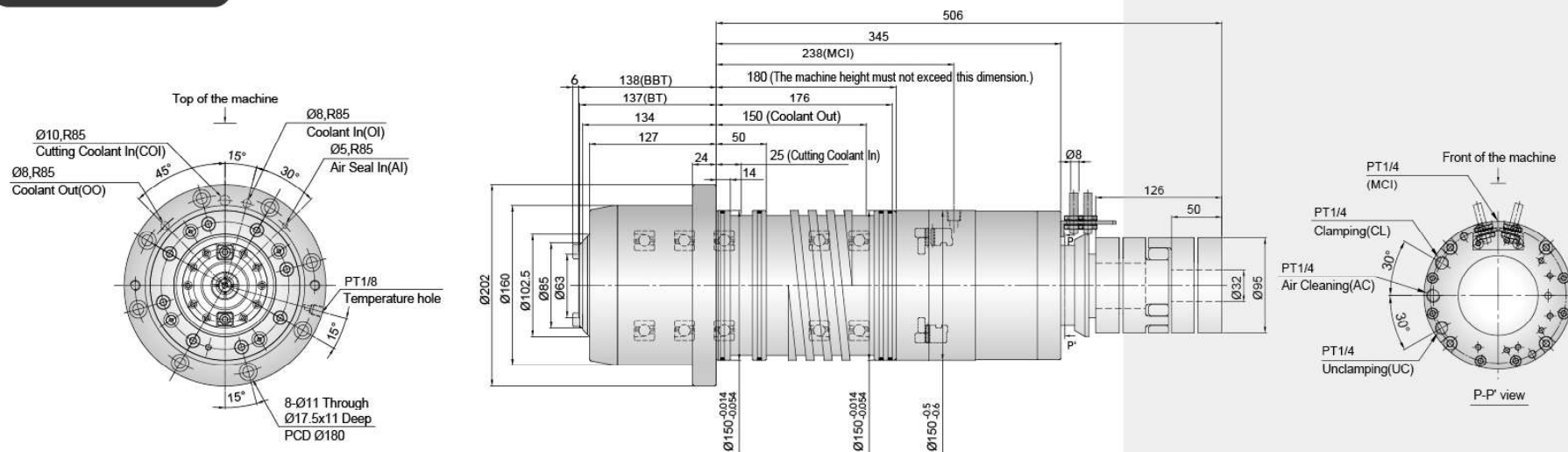


Direct-Drive Spindle



Model	Housing OD (mm)	Max. Speed (rpm)	Taper	Clamping force (kgf)	Bearing ID (mm)	Lubrication	Cooling	Weight (kg)	CTS
RD4187	Ø150	12000	BBT40	1200~1320	Ø70	Grease	Oil	Approx. 58	Optional

RD4187

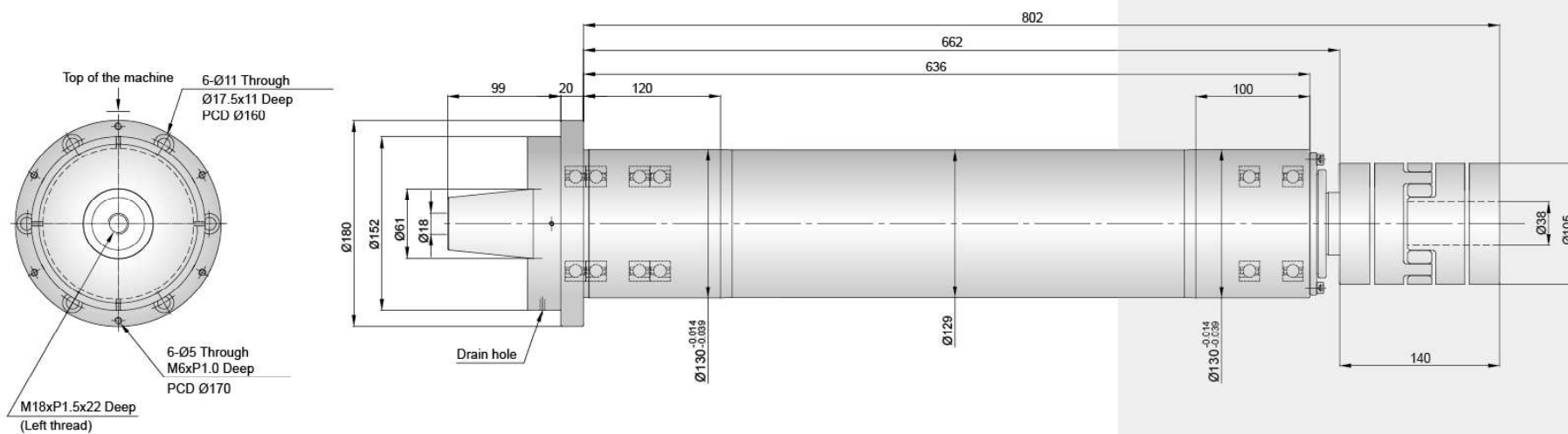


Direct-Drive Spindle



Model	Housing OD (mm)	Max. Speed (rpm)	Bearing ID (mm)	Lubrication	Weight (kg)
RG0024	Ø130	3000	Ø65	Grease	Approx. 80

RG0024



Your Spindle Solutions
Speed, Precision, Rigidity

ROYAL

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