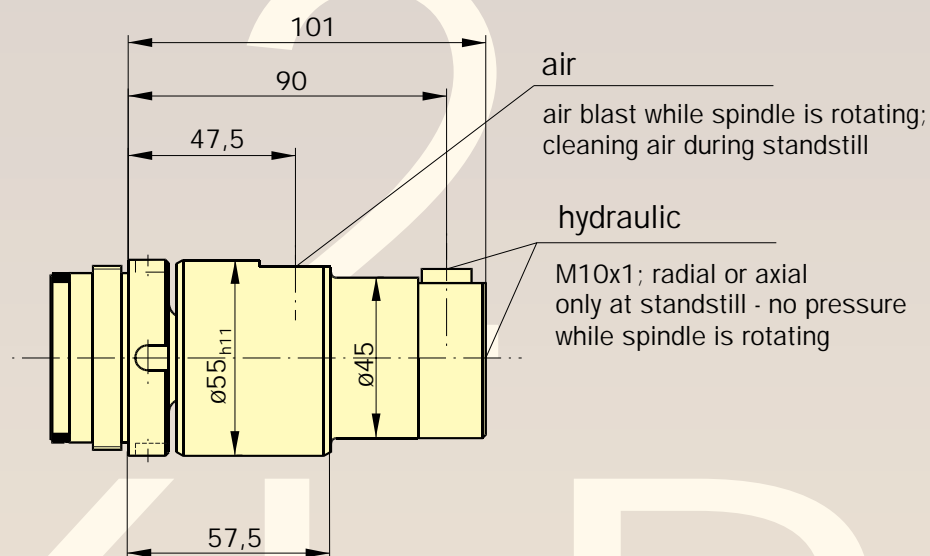


code	
1	4

technical data	
spindle speed max. (min ⁻¹)	10.000
hydr. pressure max.; n=0 min ⁻¹ [bar]	160
air pressure max.; n=0 min ⁻¹ [bar]	10

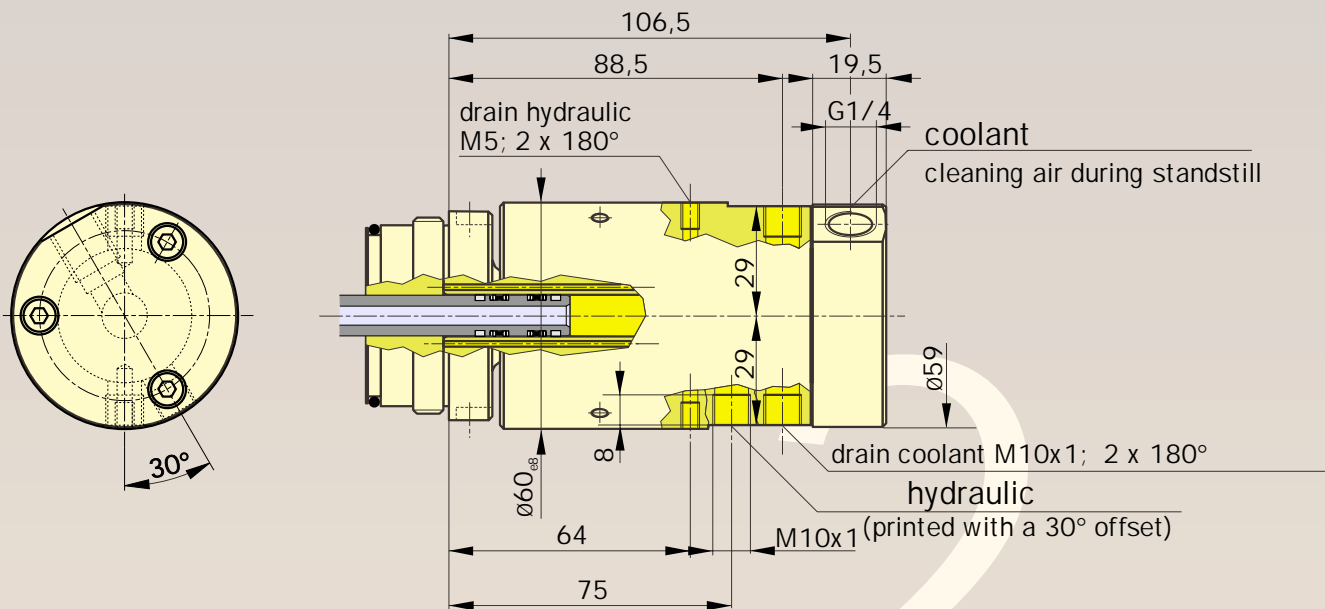
features	
<ul style="list-style-type: none"> • cleaning air during tool changing • hydraulic unclamping of power drawbars 	



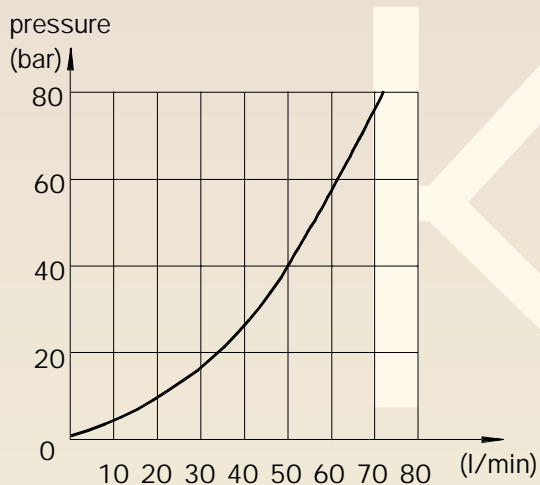
code	
2	8

technical data	
spindle speed max. (min^{-1})	20.000
hydr. pressure max.; $n=0 \text{ min}^{-1}$ [bar]	160
air pressure max. [bar]	10

features	
<ul style="list-style-type: none"> • due to aluminium housing, hybrid bearing and air blast during rotation especially suitable for HSC-operations on wood, plastic, light alloy and other dry operations • hydraulic unclamping of HSC-power drawbars 	



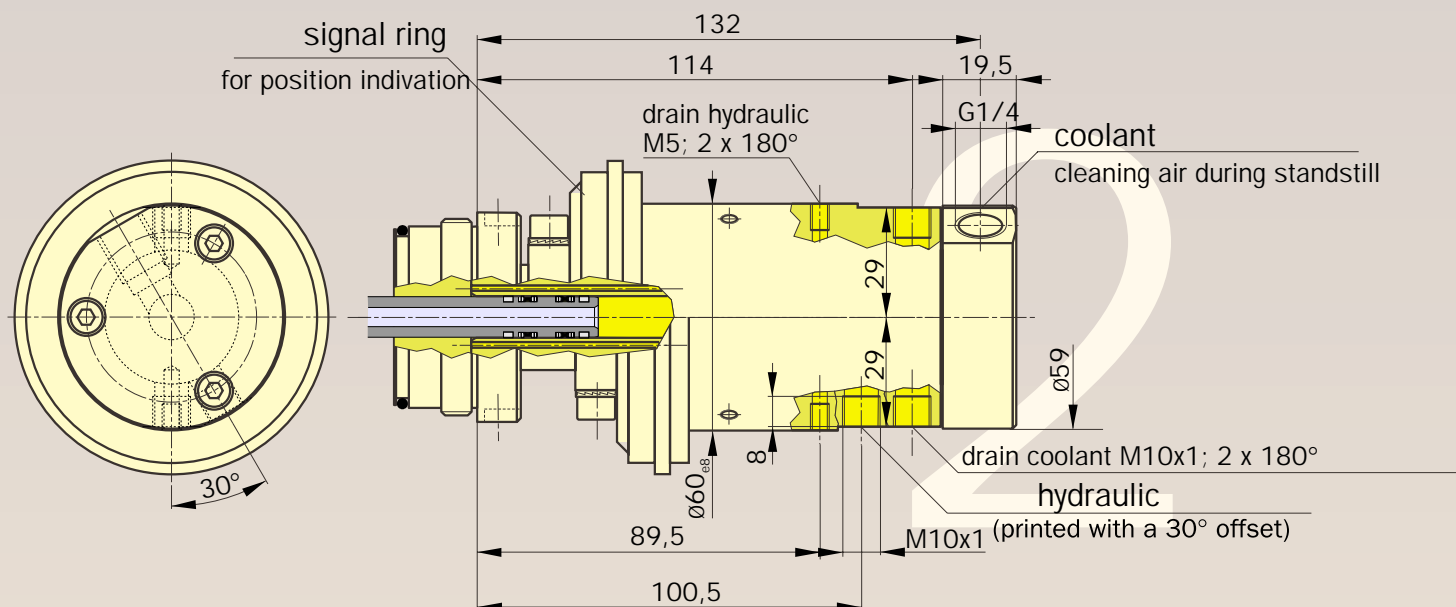
flow volume
at orifice $\varnothing 5$



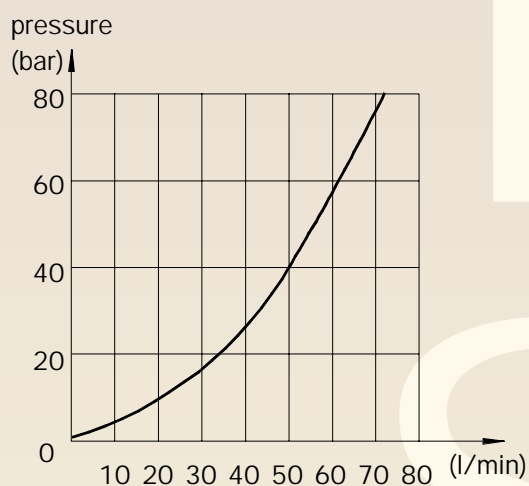
code	
2	5

technical data	
spindle speed max. (min. ⁻¹)	10.000
coolant pressure max. [bar]	80
hydr. pressure max.; n=0 min. ⁻¹ [bar]	160
air pressure max.; n=0 min. ⁻¹ [bar]	10
required media purity according to ISO 4406 filter grade [μm]	-/16/13 <50

features	
<ul style="list-style-type: none"> • suitable for dry operation • hydraulic unclamping of power drawbars • central coolant supply • cleaning air during tool changing 	



flow volume
at orifice $\varnothing 5$



code	
2	6

technical data	
spindle speed max. (min ⁻¹)	8.000
coolant pressure max. [bar]	80
hydr. pressure max.; n=0 min. ⁻¹ [bar]	160
air pressure max.; n=0 min. ⁻¹ [bar]	10
required media purity according to 4406 filter grade [μm]	-/16/13 <50
stroke of signal ring max. [mm]	12,5

features	
<ul style="list-style-type: none"> • suitable for dry operation • hydraulic unclamping of power drawbars • central coolant supply • cleaning air during tool changing • signal ring for position indication 	

Subject to modification due to technical advance!