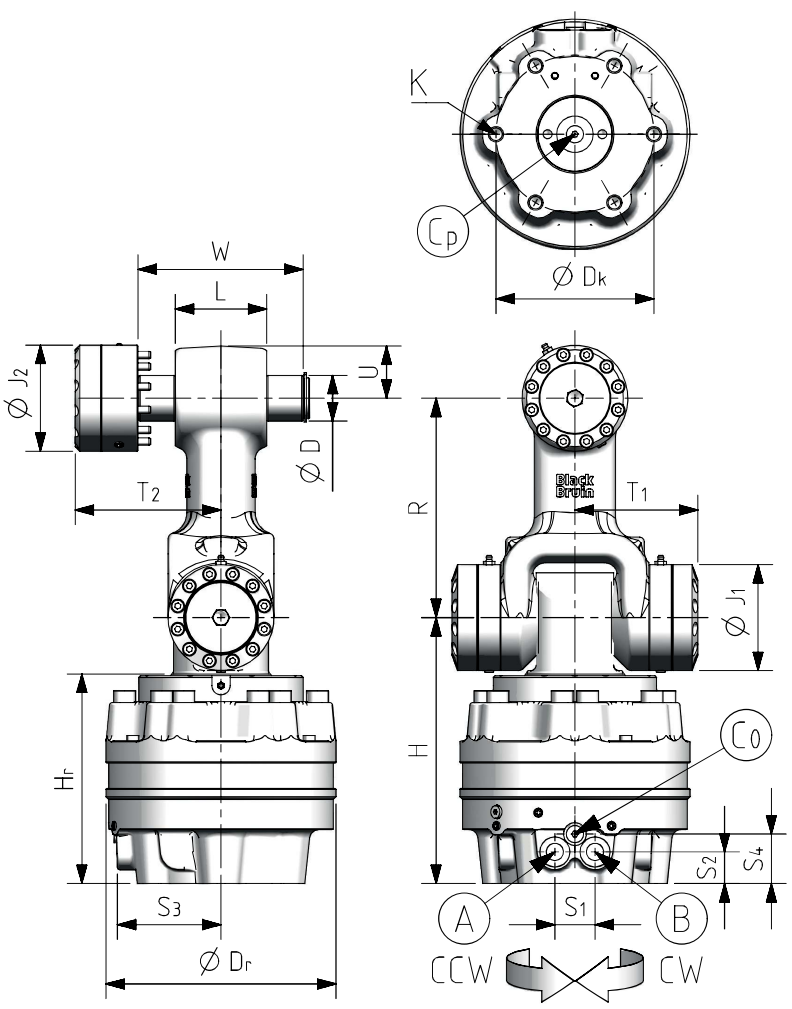
Black Bruin

Item:	277 050 6328	RH3016 H-085 TR310.L100 2K 2S 1X
Rotator:	277 050 4108	RH3016
Link:	R40 911 1900	H-085 TR310.L100 2K 2S 1X

2.12.2015

DIMENSIONS



Connections		p_{max}
A	G1/2" rotate CCW	29* MPa
B	G1/2" rotate CW	29* MPa
Co	G1/4" case drain	
Cp	G1/4" case drain (alt.)	

** without case drain Pmax 25 MPa*

Main dimensions

H	291	R	310		
Dr	252	Hr	228	rotating part	
S1	44	S2	34,5	S3	112
S4	54				
J1	116	T1	137		
J2	116	T2	160		

Tool interface dimensions

Dk	173
K	M16 depth 62 (6 x 60°) with Ø17 depth 30 clearance

Link interface dimensions

D	45 f7, bushings for Ø50 H7		
L	100 0 / - 0,2	W	181 + 1 / + 0,5
U	57		

Interface details: 2779000000

TECHNICAL DETAILS

Performance

Axial load capacity	static	F_{sta}	160	kN
	dynamic	F_{dyn}	80	kN
	compressive	F_{com}	65	kN
Torque per 1 MPa		T	120	Nm
max. torque (29 MPa)		T_{max}	3480	Nm
Max. rotation speed		n_{max}	30	rpm
Total weight		m	105,5	kg

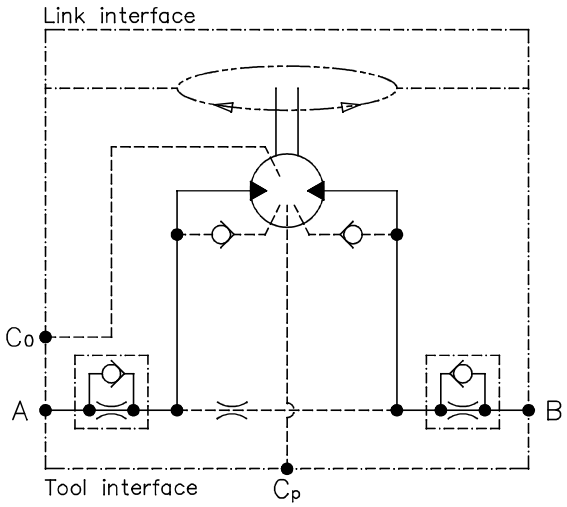
Link swing damping

Pivot joint - Rotator to link	2 x Brake S
Brake design	Spring loaded, Adjustable
Brake torque range	1600...2200 Nm
Pivot joint - Crane to link	Brake X
Brake design	Spring loaded, Adjustable
Brake torque range	1300...1750 Nm

Paint	black primary coat

Hydraulics

Recommended oilflow	Q_{rec}	20	l/min
rotation restrictors included			
Displacement per rotation	V	788	cm^3
relief valves not included			



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