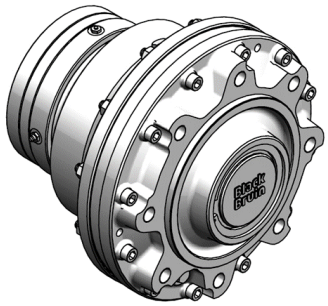
MODEL CODE DESCRIPTION:

A	Frame	=	B250
B	Displacement	=	1000 ccm/rev
C	Displacement control	=	1-speed Fixed displacement
D	Accessory	=	No brake Fittings for regular lubrication

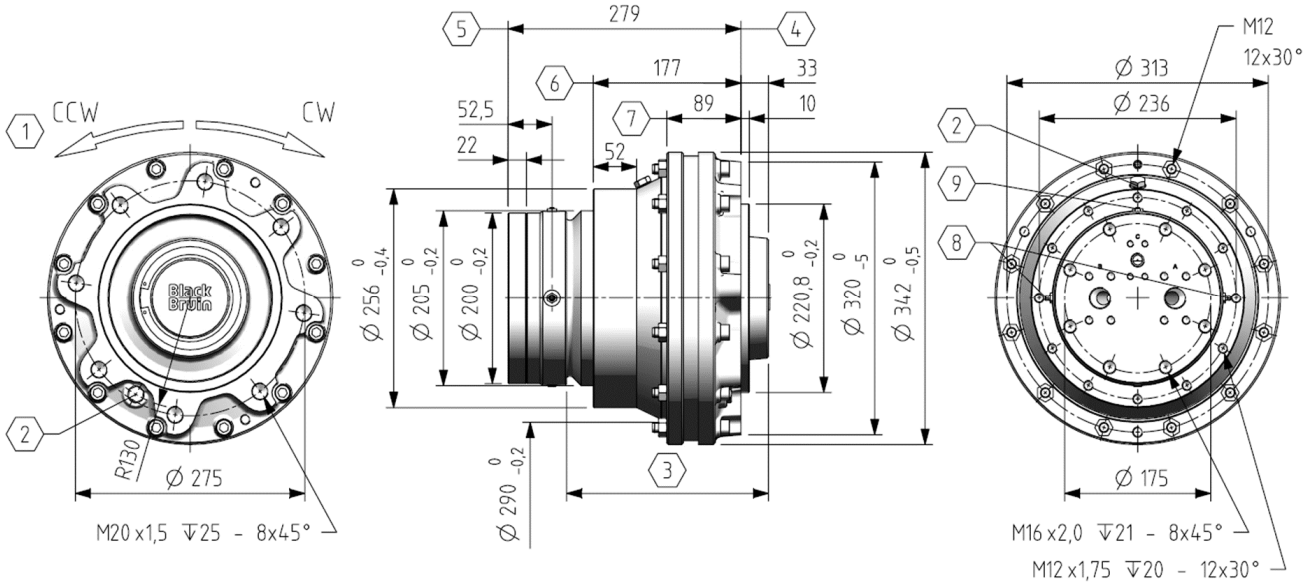


TECHNICAL DATA:

Rotating direction	flow direction A to B	CW		
	flow direction B to A	CCW		
Displacement	at full displacement	1000	ccm	
	at half displacement	-		
Maximum torque	theoretical	5570	Nm	
	with 100 bar	1590	Nm	
Brake torque		-		
Max. operating power	at full displacement	50	kW	
	at half displacement	-		
Max. rotating speed	at full displacement	200	rpm	
	at half displacement	-		
	at freewheeling	500	rpm	
Max. engaging speed	(out of freewheeling)	100	rpm	
Min. rotating speed	(constant running)	2	rpm	
Max. working pressure	peak pressure	350	bar	
	intermittent [1]	300	bar	
Max. case pressure	average	2	bar	
	intermittent	10	bar	
Pilot pressure for internal valve	valve engaged	-		
	valve released	-		
Max. flow rate	at full displacement	200	l/min	
	at half displacement	-		
Fluid viscosity	recommended	25 - 50	cSt	
	minimum	15	cSt	
Operating temperature	recommended	< 70	°C	
	maximum	85	°C	
Weight		92	kg	
Max. load capacity		5,4	t	
Tightening torques [2] [3]	Hub interface	540	Nm	M20x1,5 10.9
	Shaft interface	330	Nm	M16x2,0 12.9
	Housing interface	110	Nm	M12x1,75 10.9
	Secondary housing interface	135	Nm	M12x1,75 12.9

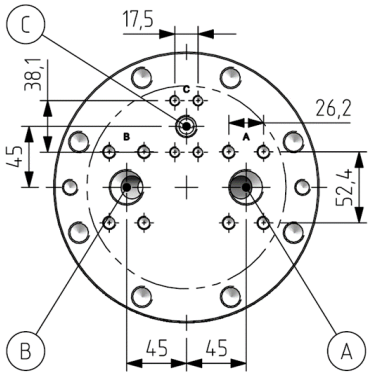
[1] Intermittent operation: Permissible values for maximum 10 % of every minute.
[2] Declared values are for reference only. Always use application specific tightening torques when given.
[3] Strength class as in ISO 898-1. If using lower strength class, check interface load capacity and tightening torque.

MAIN DIMENSIONS:

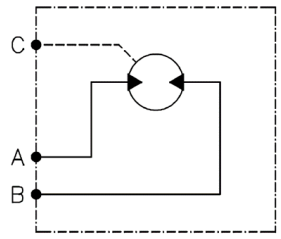


(1) Rotating direction of the motor housing
(2) Air bleed screws (2 pcs)
(3) Rotating part of the motor
(4) Hub interface
(5) Shaft interface
(6) Housing interface
(7) Secondary housing interface
(8) Seal protector grease zerks (R1/8" - 2x180°)
(9) Seal protector relief valve (R1/8")

MOTOR HYDRAULIC INTERFACE



HYDRAULIC CONNECTIONS:



Port:	Type:	Size:	Pmax: [4]
A / B	WORKING LINES		350 bar
	ISO 1179-1	G3/4"	
	ISO 6162-1 type 1	1" flange (SAE 3000 psi), M10 screws	
C	CASE DRAIN		40 bar
	ISO 1179-1	G3/8"	
	ISO 6162-1 type 1	1/2" flange (SAE 3000 psi), M8 screws	
-	-		-
	-	-	

[4] Max. potential pressure in port. See performance for allowed operating pressure.