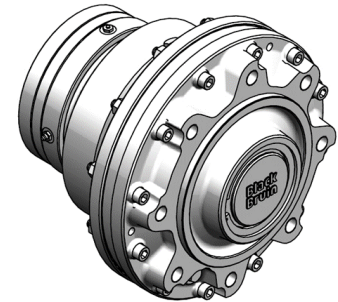


MODEL CODE DESCRIPTION:

A	Frame	=	B250
B	Displacement	=	1250 ccm/rev
C	Displacement control	=	2-speed valve Left side - CCW preferred
D	Accessory	=	No brake Fittings for one-time lubrication


TECHNICAL DATA:

Rotating direction	flow direction A to B	CCW ¹⁾
	flow direction B to A	CW
Displacement	at full displacement	1250 ccm
	at half displacement	625 ccm
Maximum torque	theoretical	6960 Nm
	with 100 bar	1990 Nm
Brake torque		-
Max. operating power	at full displacement	50 kW
	at half displacement	30 kW
Max. rotating speed	at full displacement	160 rpm
	at half displacement	240 rpm
	at freewheeling	500 rpm
Max. engaging speed	(out of freewheeling)	80 rpm
Min. rotating speed	(constant running)	2 rpm
Max. working pressure	peak pressure	350 bar
	intermittent ²⁾	300 bar
Max. case pressure	average	2 bar
	intermittent	10 bar
Pilot pressure for internal valve	valve engaged	7 - 30 bar ³⁾
	valve released	0 - 2 bar
Max. flow rate	at full displacement	200 l/min
	at half displacement	150 l/min
Fluid viscosity	recommended	25 - 50 cSt
	minimum	15 cSt
Operating temperature ⁴⁾	recommended	< 70 °C
	maximum	85 °C
Weight		92 kg
Max. load capacity ⁵⁾		5,4 t
Tightening torques ^{6) 7)}	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⁾ Preferred operating direction at half displacement.

²⁾ Intermittent operation: Permissible values for maximum 10 % of every minute.

³⁾ If pilot pressure is over 30 bar, the pilot line should be throttled.

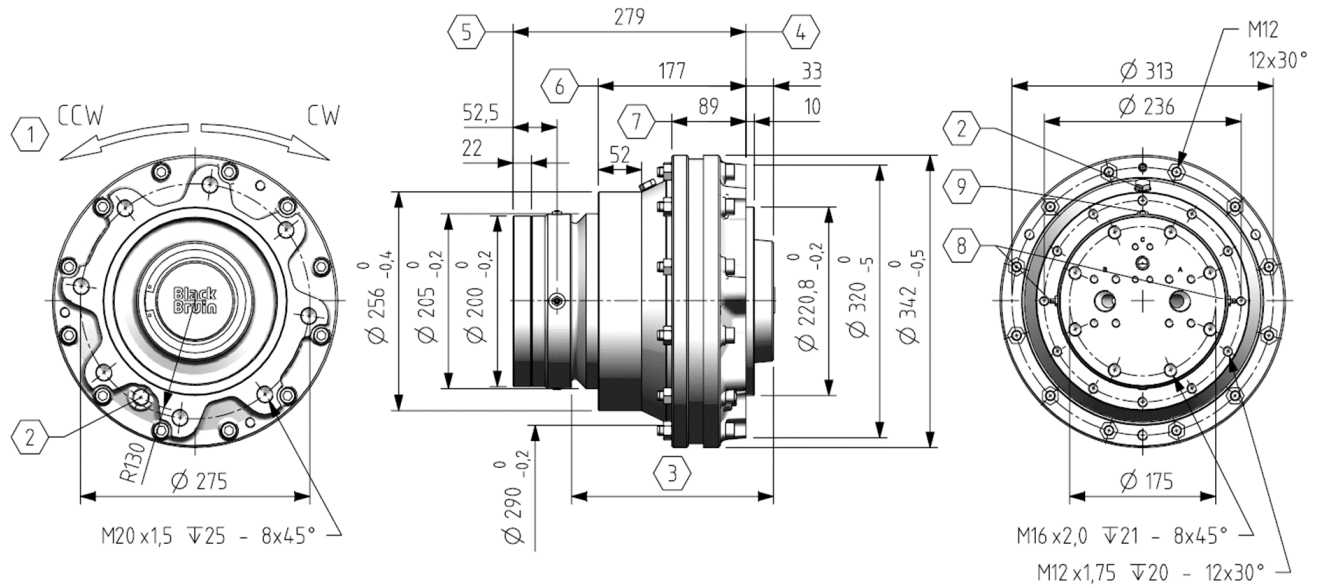
⁴⁾ Allowed operating temperature depends on hydraulic fluid viscosity at operating temperature.

⁵⁾ The motor load capacity must be estimated for every application.

⁶⁾ Declared values are for reference only. Always use application specific tightening torques when given.

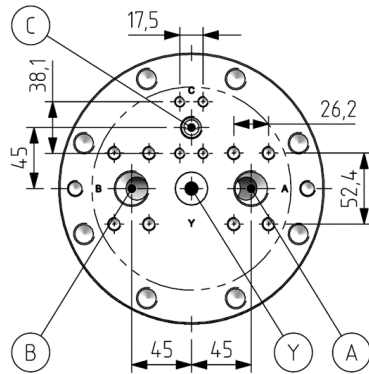
⁷⁾ Strength class as in ISO 898-1. If using lower strength class, check interface load capacity and tightening torque.

See 'B200 product manual' for more information

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) Plugged (DIN906 - R1/8")
- (9) Plugged (DIN906 - R1/8")

MOTOR HYDRAULIC INTERFACE

HYDRAULIC CONNECTIONS:

Port:	Type:	Size:	Pmax: ⁸⁾
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	
Y	INTERNAL VALVE PILOT		350 bar
	ISO 1179-1	G3/4"	

⁸⁾ Max. potential pressure in port. See performance for allowed operating pressure.

See 'B200 product manual' for more information