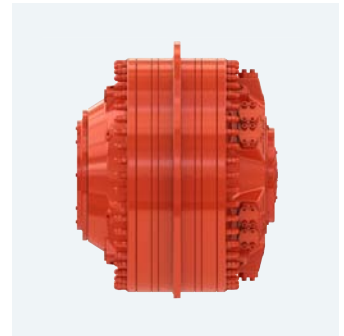


# Step into the future with Hägglunds CBM



# Empowering possibilities



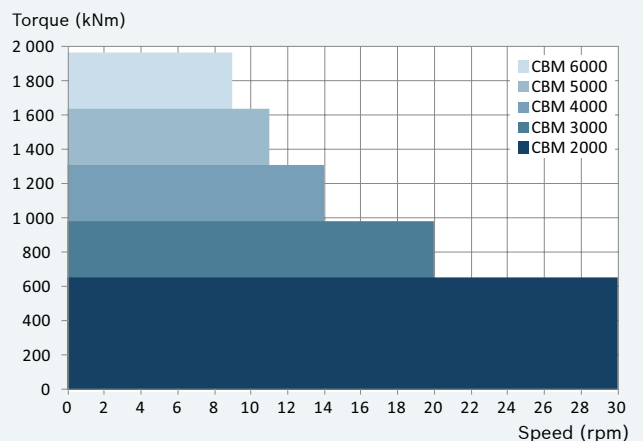
When it comes to production, everyone wants more. But these days there's less of everything else: from available time to the energy and resources for the job. With the Hägglunds CBM direct drive from Bosch Rexroth, the equation is easier to solve.

The Hägglunds CBM packs 50 % more torque into a motor that's smaller and 50 % lighter than its predecessor. That gives it the world's highest torque-to-weight ratio. Even so, it has all the advantages you'd expect from a direct drive. Full torque from zero, protection from shock loads and four-quadrant operation are part of the same small package.

Put simply, the Hägglunds CBM does more with less – and lets you do the same. From industry to offshore, you can handle more work with less space, less energy and less weight on the driven shaft.

That means greater productivity with a smaller footprint. And that's an ingenious solution.

## Wide operating range



## Motor data, Hägglunds CBM

Motor type	Displacement (cm <sup>3</sup> /rev)	Specific torque (Nm/bar)	Max. speed (rpm)	Max. pressure *(bar)	Max. torque **(kNm)
CBM 2000-1200	75 838	1 200	53	350	394
CBM 2000-1400	88 279	1 400	44	350	460
CBM 2000-1600	100 782	1 600	38	350	525
CBM 2000-1800	113 726	1 800	33	350	591
CBM 2000	126 732	2 000	30	350	657
CBM 3000-2200	138 670	2 200	27	350	722
CBM 3000-2400	151 173	2 400	24	350	788
CBM 3000-2600	164 117	2 600	22	350	854
CBM 3000-2800	177 123	2 800	20	350	919
CBM 3000	190 066	3 000	18	350	985
CBM 4000-3200	201 565	3 200	16	350	1 051
CBM 4000-3400	214 508	3 400	15	350	1 116
CBM 4000-3600	227 514	3 600	14	350	1 182
CBM 4000-3800	240 458	3 800	13	350	1 248
CBM 4000	253 464	4 000	13	350	1 313
CBM 5000-4600	290 849	4 600	11	350	1 510
CBM 5000	316 798	5 000	10	350	1 642
CBM 6000-5600	354 246	5 600	8	350	1 838
CBM 6000	380 133	6 000	8	350	1 970

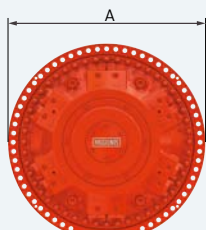
\*) The motors are designed according to DNV-rules. Test pressure 420 bar/6 000 psi. Peak/transient pressure 420 bar/6 000 psi maximum, allowed to occur 10 000 times.

\*\*\*) Calculated as  
 $T = T_s \times (350-15) \times 0.98.$

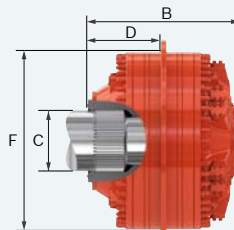
## Dimensions, motors with splines

Motor type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)	Main conn.	Drain conn.
CBM 2000	1 460	872	1 300	419	-	N360x8x30x44x9H	4 100	SAE 2"	BSP 1 1/4" and 2"
CBM 3000	1 460	990	1 300	419	-	N440x8x30x54x9H	5 000	SAE 2"	BSP 1 1/4" and 2"
CBM 4000	1 460	1 108	1 300	537	-	N440x8x30x54x9H	5 800	SAE 2"	BSP 1 1/4" and 2"
CBM 5000	1 460	1 224	1 300	535	270	N460x8x30x56x9H	6 700	SAE 2"	BSP 1 1/4" and 2"
CBM 6000	1 460	1 342	1 300	535	270	N460x8x30x56x9H	7 500	SAE 2"	BSP 1 1/4" and 2"

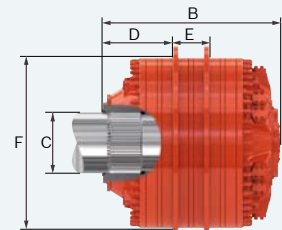
### Hägglunds CBM



### Hägglunds CBM 2000, 3000, 4000



### Hägglunds CBM 5000, 6000



**Häggglunds Drives AB**

**Bosch Rexroth**

SE-895 80 Mellansel, Sweden

Phone: +46 (0)660-870 00

documentation.mll@boschrexroth.se

www.boschrexroth.com

**Find your local contact person here:**

[www.boschrexroth.com/contact](http://www.boschrexroth.com/contact)

