

Compact CB

Häggglunds hydraulic motors



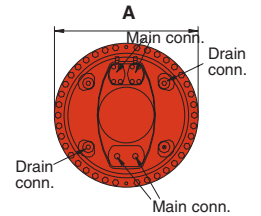
Häggglunds powerful Compact CB motor with its space saving design offers many mounting possibilities for true optimisation.

Compact CB motor

More power built into a smaller package

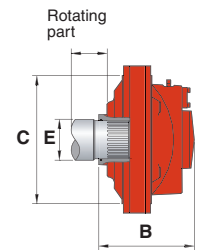
Dimensions, motors with splines

Motor	A	B	C	E	Weight	Main Conn	Drain Conn
CB 280	782	501	680	N200x5x30x38x9H	705	SAE 1 1/4" and 1 1/2"	BSP 1 1/4"
CB 400	782	619	680	N200x5x30x38x9H	1060	SAE 1 1/4" and 1 1/2"	BSP 1 1/4"
CB 560	940	669	800	N260x5x30x50x9H	1115	SAE 1 1/4" and 1 1/2"	BSP 1 1/4"
CB 840	940	787	800	N260x5x30x50x9H	1445	SAE 1 1/4" and 1 1/2"	BSP 1 1/4"



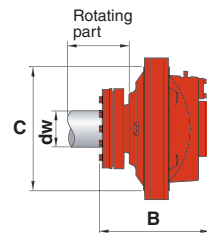
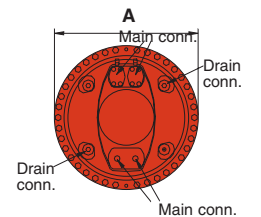
Dimensions, motors with hollow shaft, shrink disc coupling

Motor	A	B	C	dw	Weight	Main Conn	Drain Conn
CB 280	782	612	680	180	800	SAE 1 1/4" and 1 1/2"	BSP 1 1/4"
CB 400	782	740	680	200	1160	SAE 1 1/4" and 1 1/2"	BSP 1 1/4"
CB 560	940	767	800	260	1290	SAE 1 1/4" and 1 1/2"	BSP 1 1/4"
CB 840	940	885	800	260	1620	SAE 1 1/4" and 1 1/2"	BSP 1 1/4"



Motor data

Motor type	Displacement (cm ³ /rev)	Specific torque (Nm/bar)	Rated speed* (rev/min)	Max. speed (rev/min)	Max. pressure** (bar)	Max. torque*** (kNm)
CB 280-240	15100	240	53	68	350	79
CB 280	17600	280	44	58	350	92
CB 400-240	15100	240	94	125	350	79
CB 400-280	17600	280	73	105	350	92
CB 400-320	20100	320	71	94	350	110
CB 400-360	22600	360	59	82	350	120
CB 400	25100	400	58	75	350	130
CB 560-440	27600	440	49	65	350	140
CB 560-480	30200	480	48	62	350	160
CB 560-520	32700	520	41	57	350	170
CB 560	35200	560	40	53	350	180
CB 840-600	37700	600	30	45	350	200
CB 840-640	40200	640	28	41	350	210
CB 840-680	42700	680	27	40	350	220
CB 840-720	45200	720	25	37	350	240
CB 840-760	47800	760	23	34	350	250
CB 840-800	50300	800	23	34	350	260
CB 840	52800	840	21	32	350	280



*) Special considerations regarding charge pressure, cooling and choice of hydraulic system for speed above rated.

**) The motors are designed according to DNV-rules. Test pressure 420 bar/6000 psi. Peak/transient pressure 420 bar/6000 psi maximum, allowed to occur 10 000 times.

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