

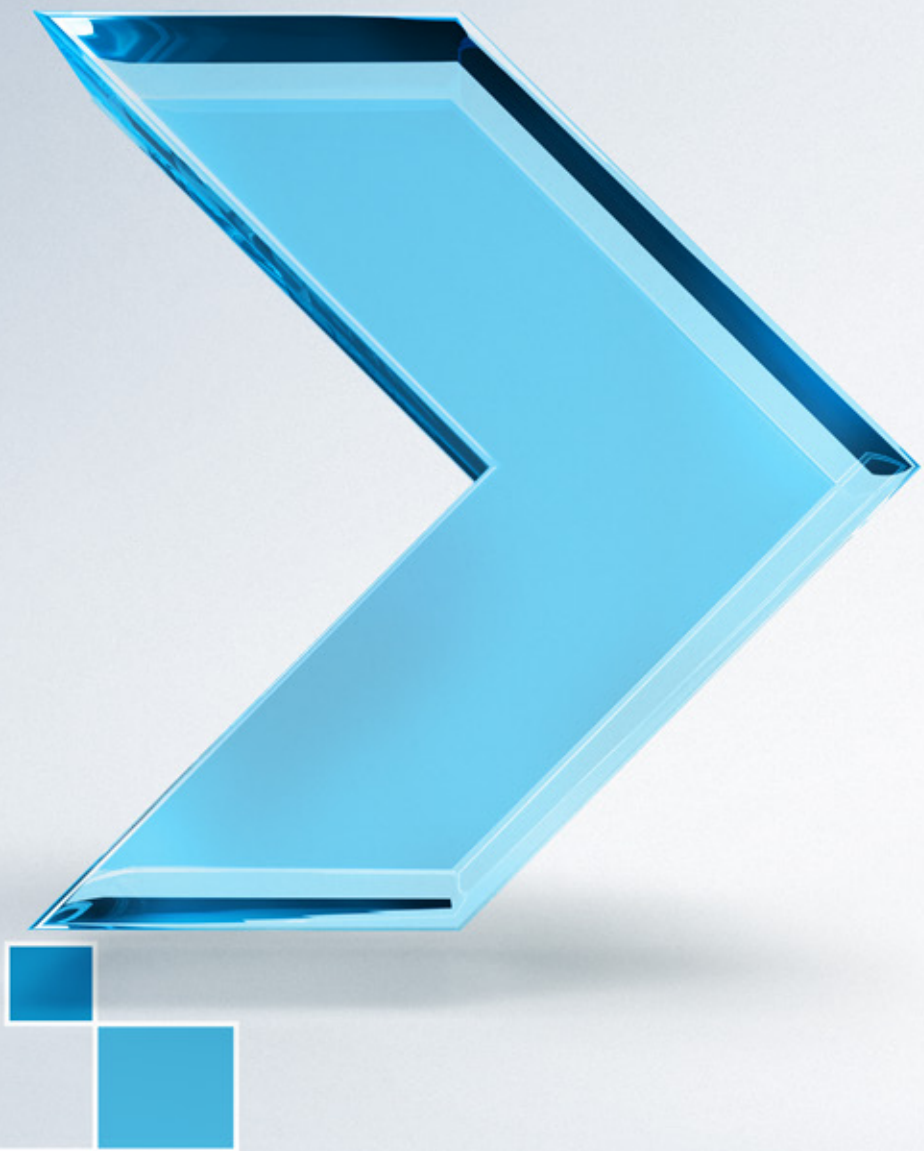


B&P Elektromotoren

W80 AXgen

Axial Flux
Technology
European Market





Motors for
new

W80 AXgen

ideas



Be part of the **new ideas** that will change the **industry tomorrow**

Electrical data

Frame	Speed range [rpm]		Torque [Nm]
	Lower	Higher	
160	1500	7500	32,5
180	1500	5800	130
200	1500	5200	265
225	1500	4700	460
250	1500	3700	637

Note: for speeds outside the indicated range, please contact WEG.

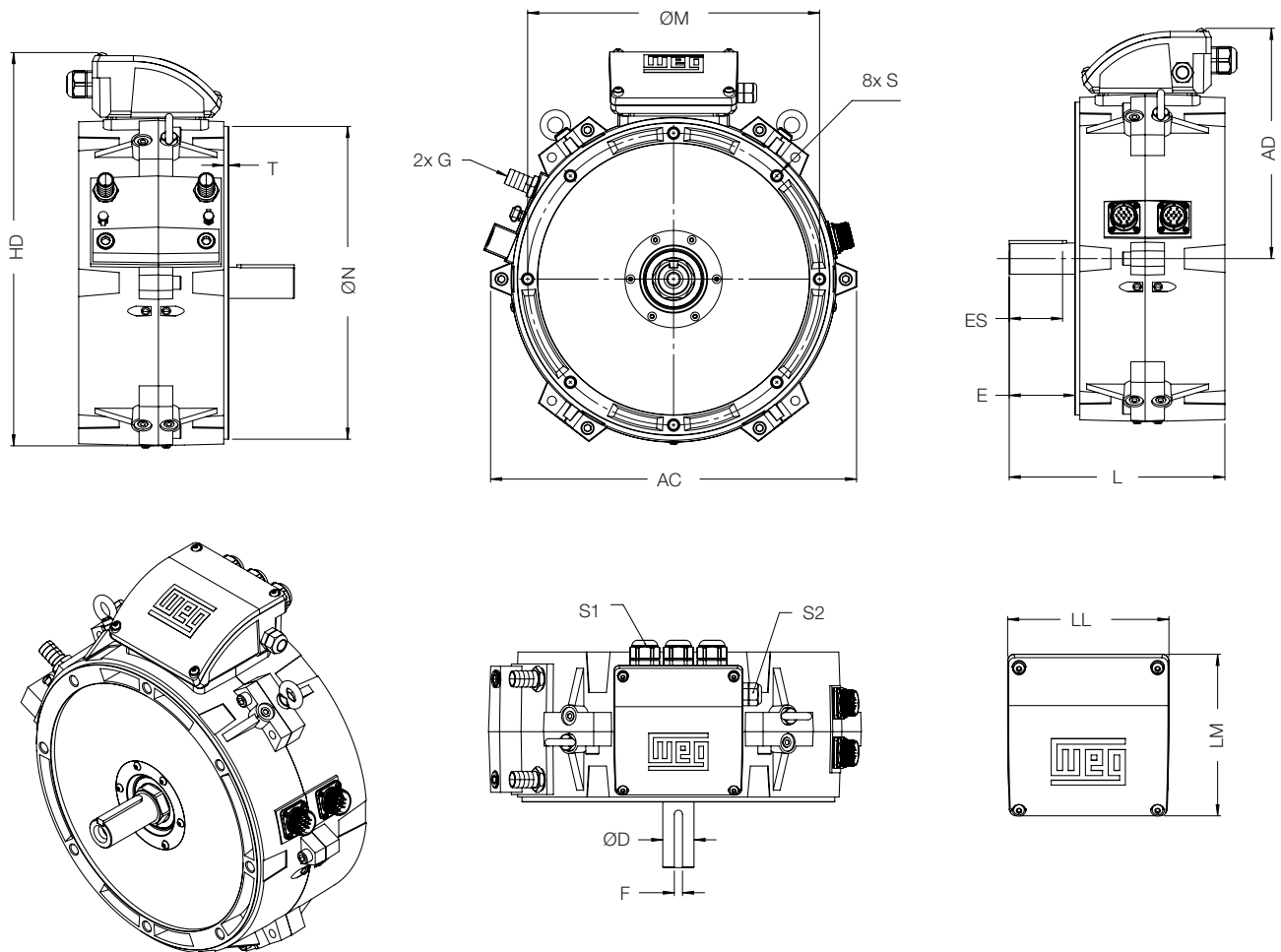
All designs are suitable for operation at:

- Constant torque range = 1000:1
- Constant power range = 1,3x nominal speed

IE5 - IEC SF 1,00						
Frame	Power [kW]	Speed [rpm]	Voltage [V]	Current [A]	Efficiency [%]	Mass [kg]
160	9,2	3000	400	15,6	93,7%	25,5
180	37	3000	400	63,9	95,8%	42,8
200	75	3000	400	128,3	96,4%	62,4
225	132	3000	400	218,1	97,1%	85,0
250	200	3000	400	343,1	97,2%	136,6
160	5,5	1500	400	9,4	93,4%	25,5
180	15	1500	400	28,3	95,1%	42,8
200	55	1500	400	94,6	96,5%	62,4
225	70	1500	400	115,9	96,8%	85,0
250	90	1500	400	161,6	96,9%	136,6

Mechanical data

Overall dimensions - IEC [mm]																			
Size	External				Flange				Shaft				Cooling	Terminal box				Bearings	
	AC	AD	HD	L	N	M	T	S	D	E	ES	F	G	LL	LM	S1	S2	D.E.	N.D.E.
160	304	210	345	171	254,0	228,6	5	3/8	19	40	28	6	1/2	119	119	M16	M12	7206	7206
180	361	236	396	201	304,8	279,4	5	3/8	28	60	45	8	1/2	119	119	M20	M16	7208	7208
200	393	257	433	249	336,6	311,2	5	3/8	38	80	63	10	5/8	157	157	M25	M20	7209	7209
225	443	279	478	295	381,0	355,6	6	1/2	42	110	80	12	3/4	157	157	M25	M20	7210	7210
250	545	342	585	303	469,9	431,8	6	5/8	48	110	80	14	3/4	180	180	M32	M25	7212	7212



Cooling system

- Fluid: water (fresh, deionized...) and oil (ISO VG up to 46).
- Flow rate: from 5 to 15 l/min.
- Inlet pressure: up to 10 bar.

The W80 AXgen is recommended for OEMs.



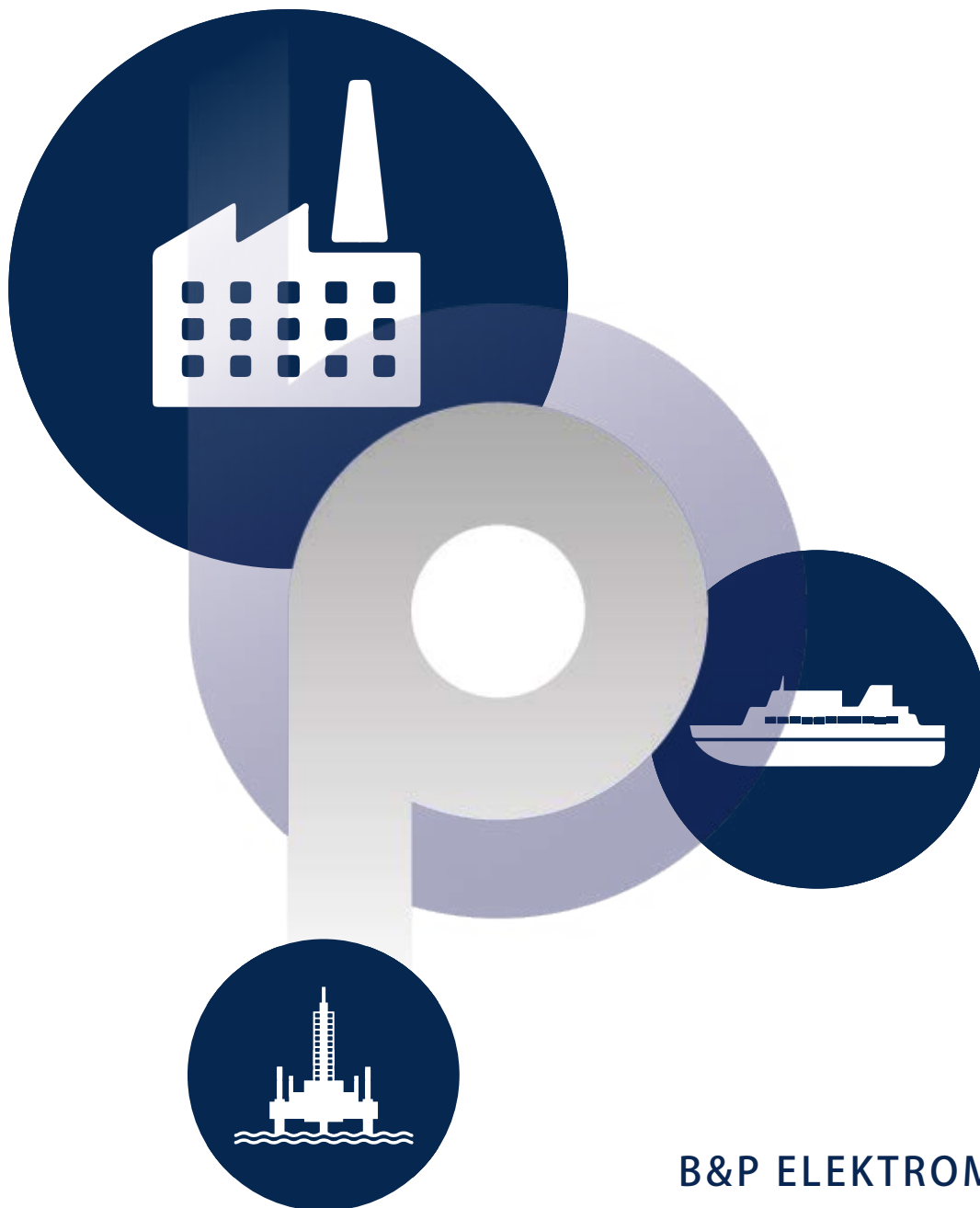
Compact
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Motors for
new ideas.

W80 AXgen

sign





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