

Bock Selection Tool VAP

New in version VAP 11.9.0

BOCK

colour the world
of tomorrow

New in VAP 11.9.0

Overview

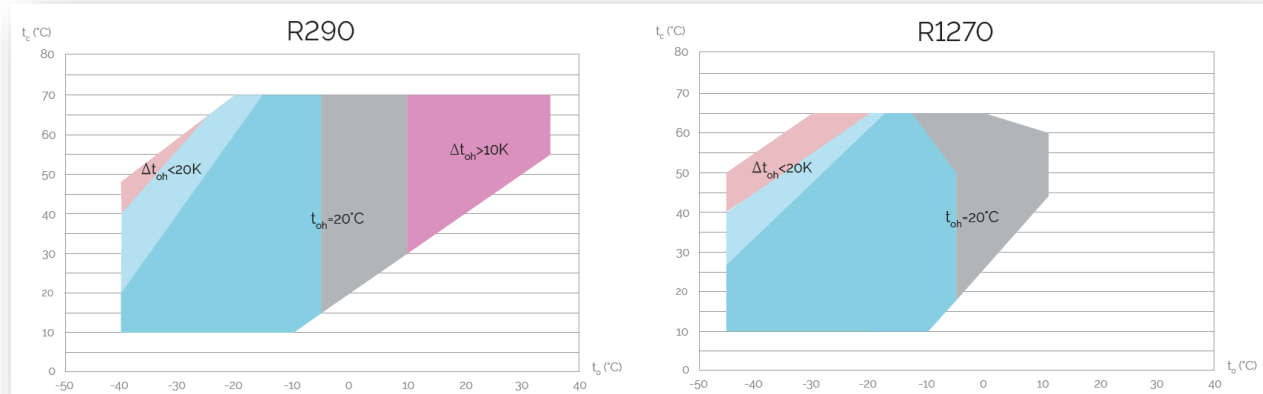
- **UL-HGX12P-66e:**

New semi-hermetic compressor series with UL certification:



- **(EX-)HG44e+56e HC:**

Extension of application limits
with refrigerants **R290** and **R1270**



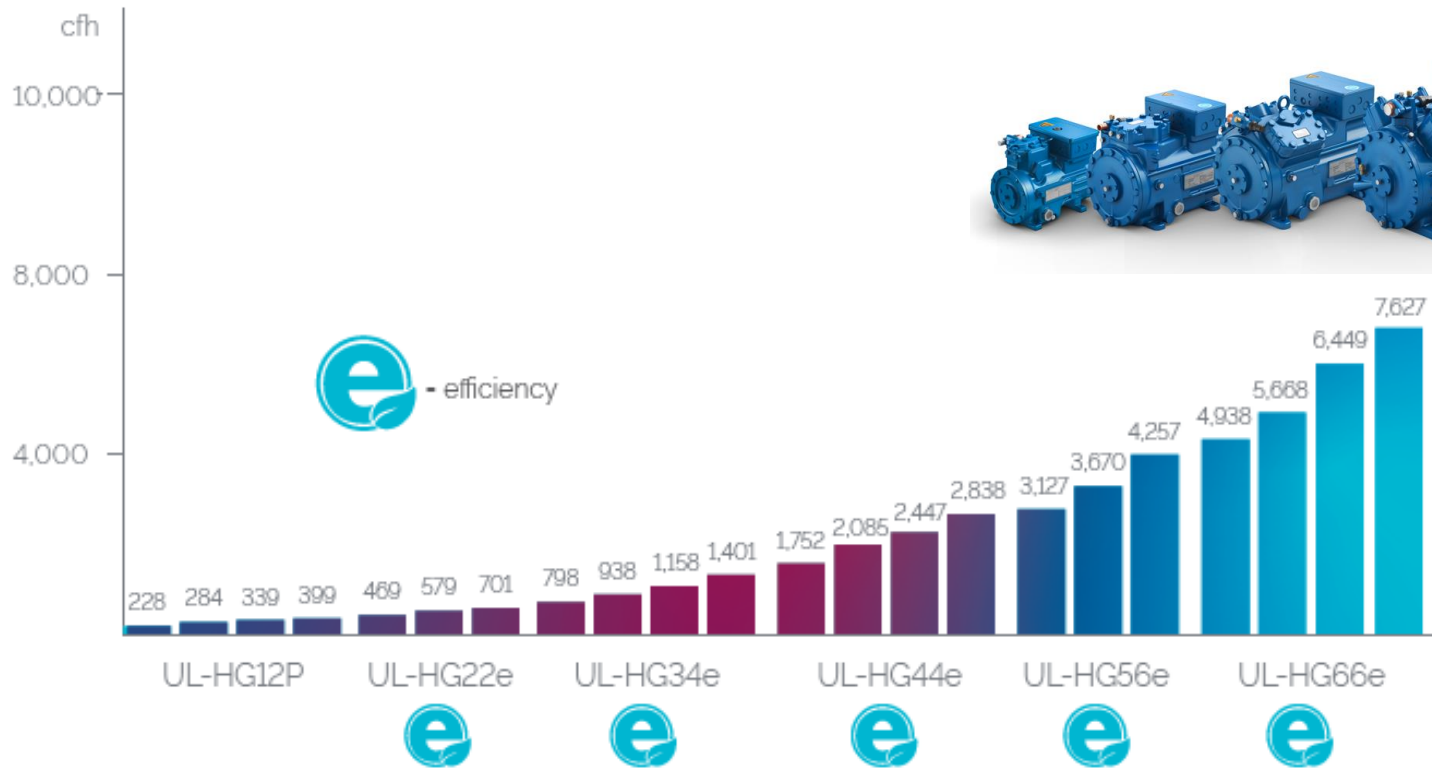


Bock UL compressor range

Bock UL compressor range

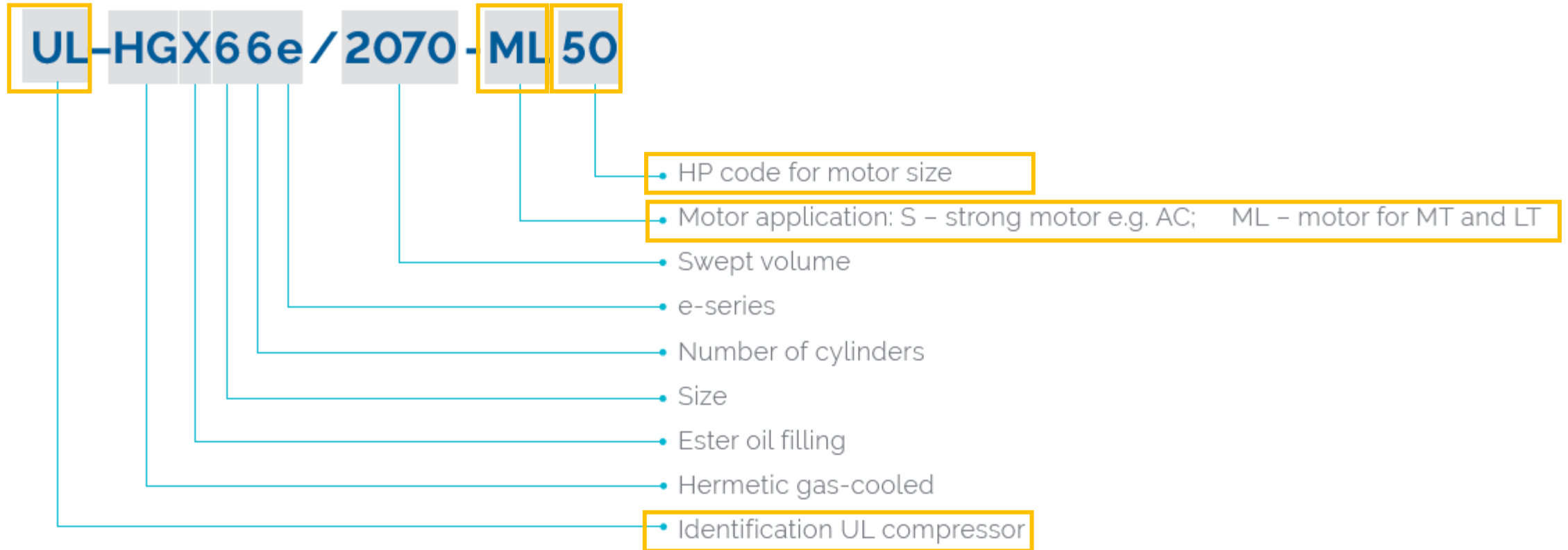
UL-HGX12P-66e

6 model sizes with 22 capacity stages from 228 to 7,627 cfh (1,740 rpm)



Bock UL compressor range

Type key



Bock UL compressor range

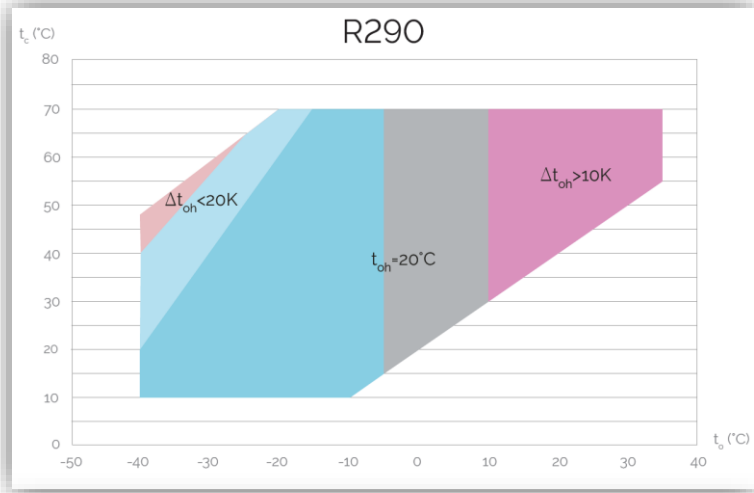
The logo stands for UL recognized





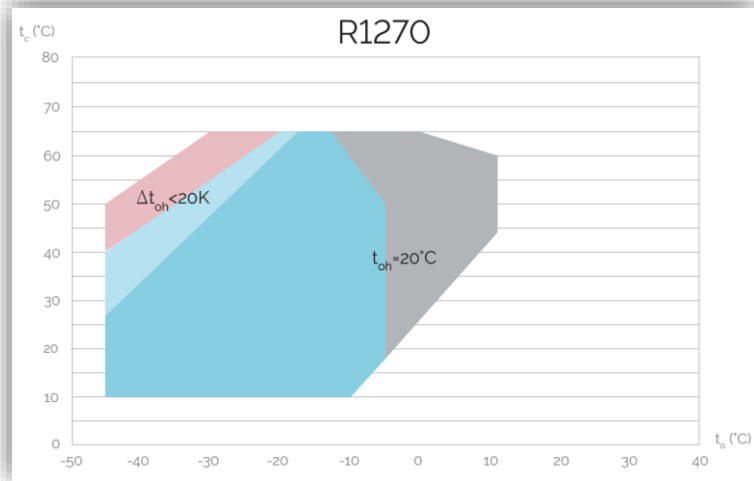
Extended Operating Limits - R290 / R1270

Extended Operating Limits - R290 / R1270



t_o Evaporating temperature (°C)
 t_c Condensing temperature (°C)
 Δt_{oh} Suction gas superheat (K)
 t_{oh} Suction gas temperature (°C)

- Discharge end temperature min. 20K above condensing temperature
- Supplementary cooling or reduced suction gas temperature ($\Delta t_{oh} < 20K$)
- Supplementary cooling and reduced suction gas temperature ($\Delta t_{oh} < 20K$)
- Motor version -S- (more powerful motor)
- Motor version -S- (more powerful motor) with $\Delta t_{oh} > 10K$



t_o Evaporating temperature (°C)
 t_c Condensing temperature (°C)
 Δt_{oh} Suction gas superheat (K)
 t_{oh} Suction gas temperature (°C)

- Discharge end temperature min. 20K above condensing temperature
- Supplementary cooling or reduced suction gas temperature ($\Delta t_{oh} < 20K$)
- Supplementary cooling and reduced suction gas temperature ($\Delta t_{oh} < 20K$)
- Motor version -S- (more powerful motor)

Thanks to new BOCK oil:
BOCKlub G68 (PAG Oil)



[BOCKlub compressor oil | BOCK](#)

Compressor types:
HG44e HC & HG56e HC
(inclusive: EX-HG44e+56 HC)

Further HC compressor ranges will follow!

Further information on:

[BOCKHomepage](#) |



BOCK colour the world
of tomorrow

BOCK

Bock GmbH . Benzstr. 7 . 72636 Frickenhausen . Germany . Tel +49 7022 9454-0 . Fax +49 7022 9454-137 . info@bock.de . bock.de