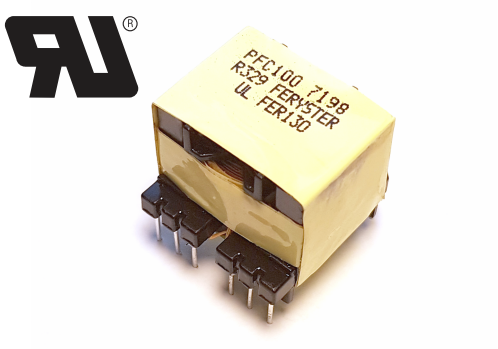
sales@feryster.pl

FERYSTER

Power Factor Correction PQ Chokes (CrCM)



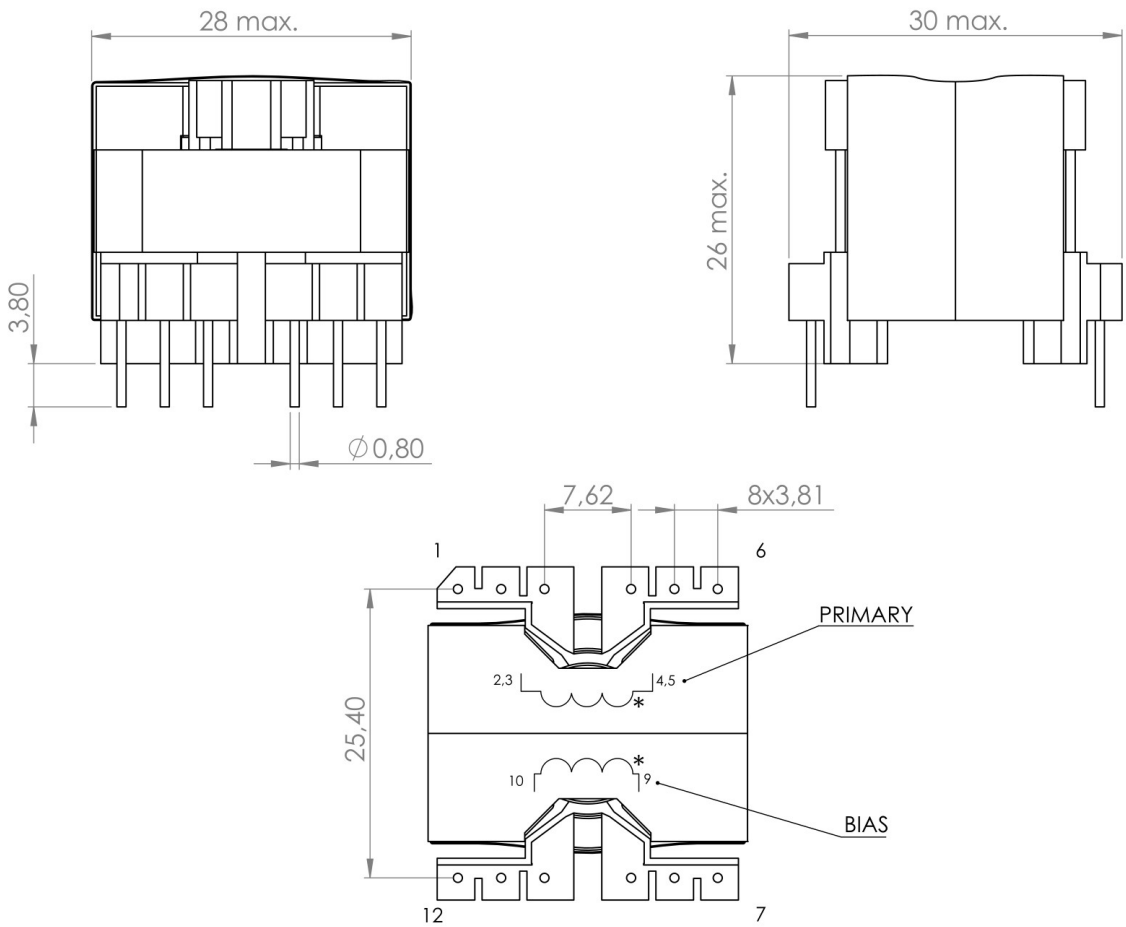
- power range 100 - 300W
- Critical Conduction Mode (CrCM)
- universal Line (85-265 V AC)
- frequency range 40-60 kHz
- certificate UL FER130 EIS, UL-file: E481059

ORDERING CODE:

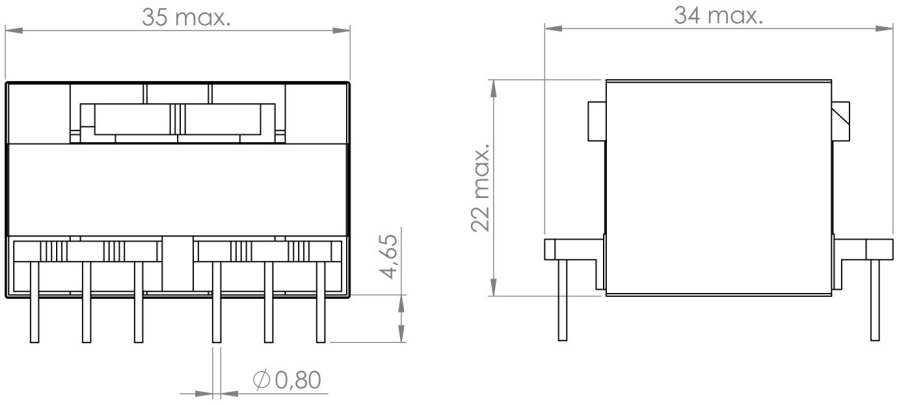
D-PQ 2620/0,402/3,7/ AUX-PFC300

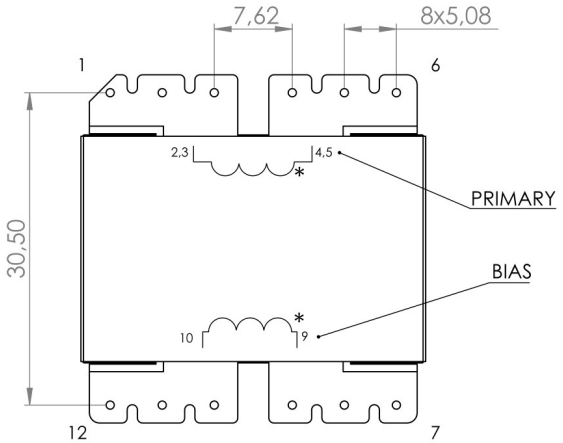
- power in Watts
- auxiliary winding
- rated current in Amps
- inductance in mH
- core size
- product symbol

DIMENSIONS:

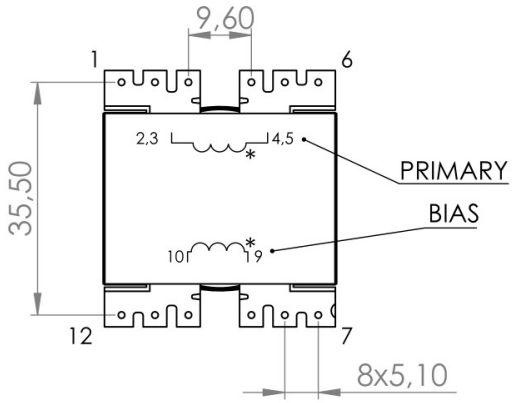


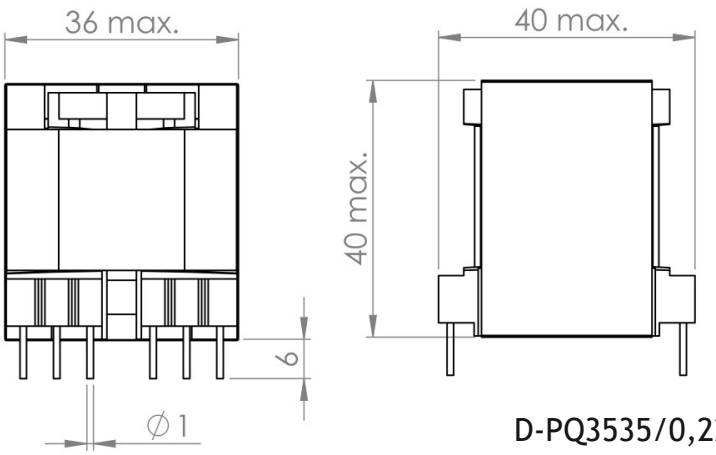
D-PQ2620/0,402/3,7-AUX-PFC100



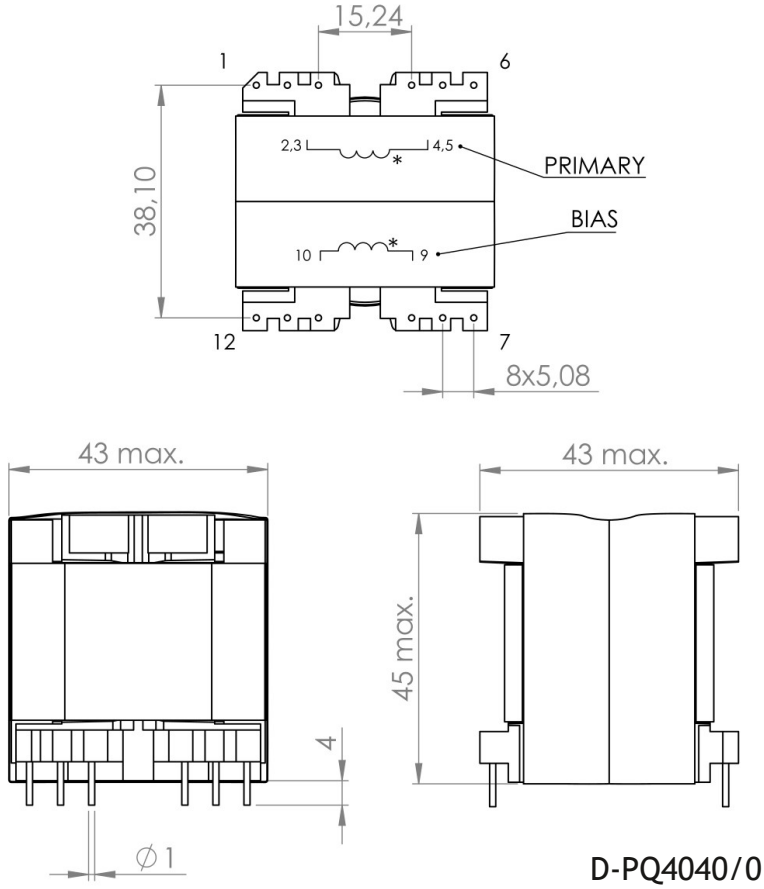


D-PQ3220/0,314/4,6-AUX-PFC125
D-PQ3220/0,266/5,5-AUX-PFC150





D-PQ3535/0,225/6,5-AUX-PFC175
D-PQ3535/0,197/7,4-AUX-PFC200

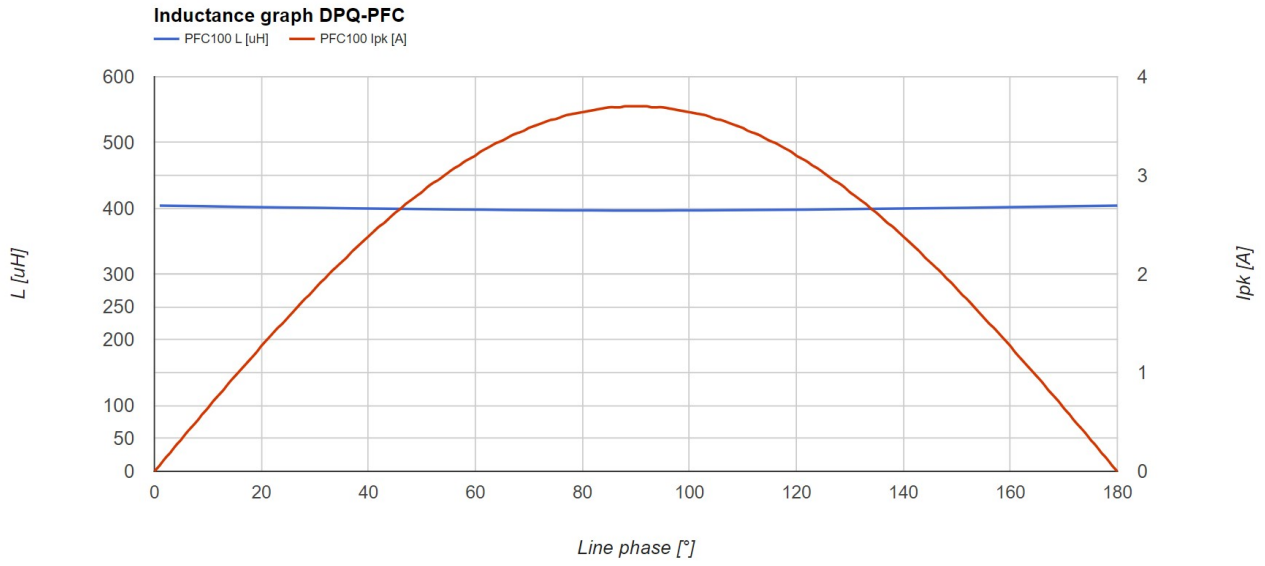


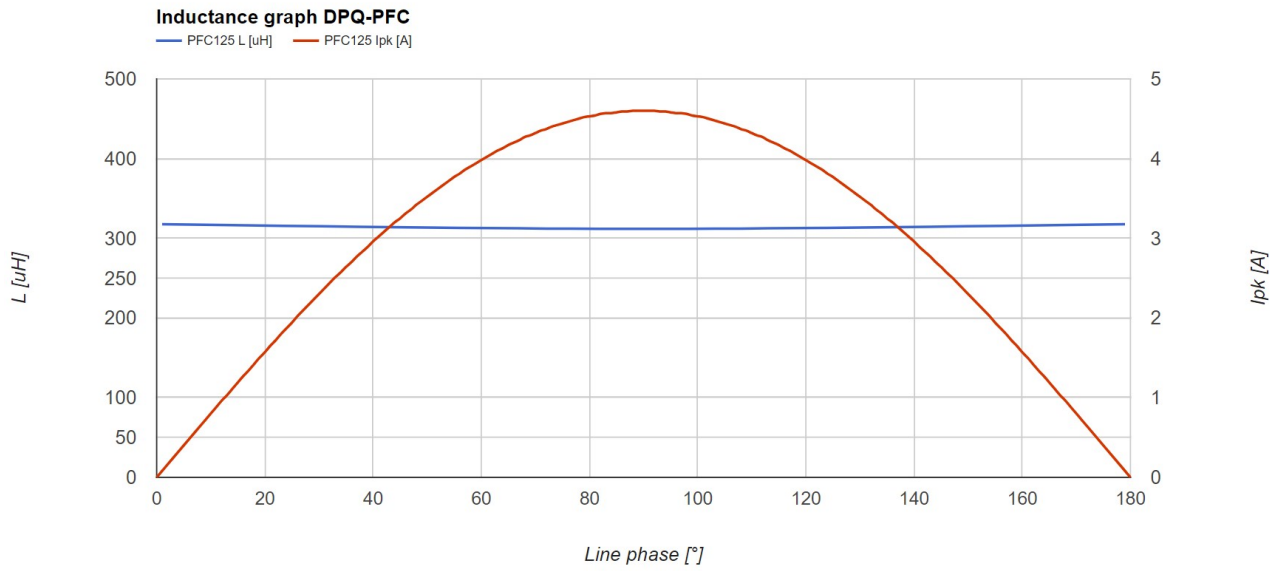
D-PQ4040/0,159/9,2-AUX-PFC250
D-PQ4040/0,132/11,1-AUX-PFC300

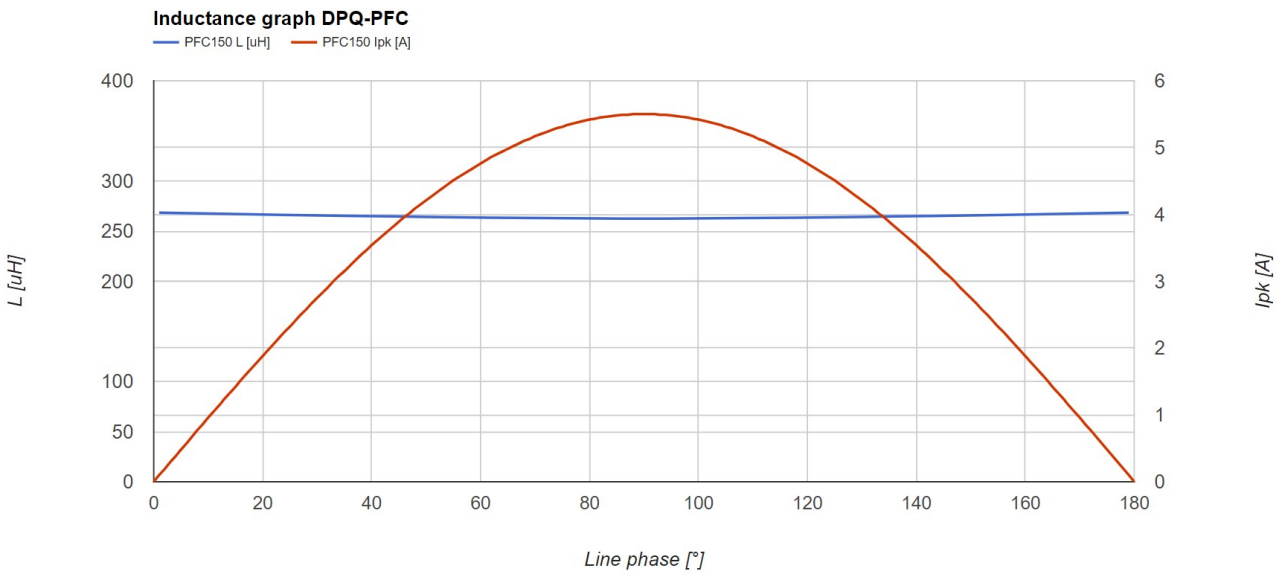
ELECTRICAL PROPERTIES:

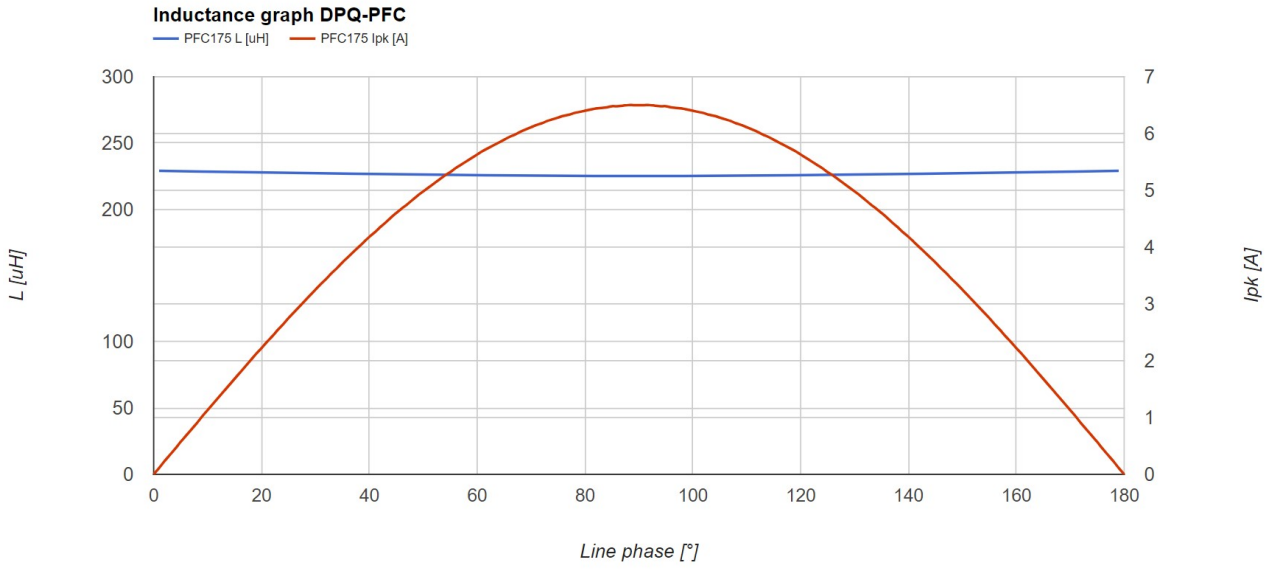
Part number	P_{out} [W]	L_0 [µH]	L_{nom} [µH]	I_p [A]	I_{RMS} [A]	R_{DC} N_p [mΩ]	R_{DC} N_s [mΩ]	ΔT [°C]	N_p:N_s
D-PQ2620/0,402/3,7-AUX-PFC100	100	407	402	3,7	1,5	222	236	12	7,5:1
D-PQ3220/0,314/4,6-AUX-PFC125	125	314	314	4,6	1,9	96	181	10	8,4:1
D-PQ3220/0,266/5,5-AUX-PFC150	150	267	266	5,5	2,3	95	178	13	8,2:1
D-PQ3535/0,225/6,5-AUX-PFC175	175	225	225	6,5	2,6	47	202	11	7,2:1
D-PQ3535/0,197/7,4-AUX-PFC200	200	196	197	7,4	3,0	31	182	9	8,5:1
D-PQ4040/0,159/9,2-AUX-PFC250	250	200	159	9,2	3,8	22,5	223	11	8:1
D-PQ4040/0,132/11,1-AUX-PFC300	300	161	132	11,1	4,5	21	223	12	8,5:1

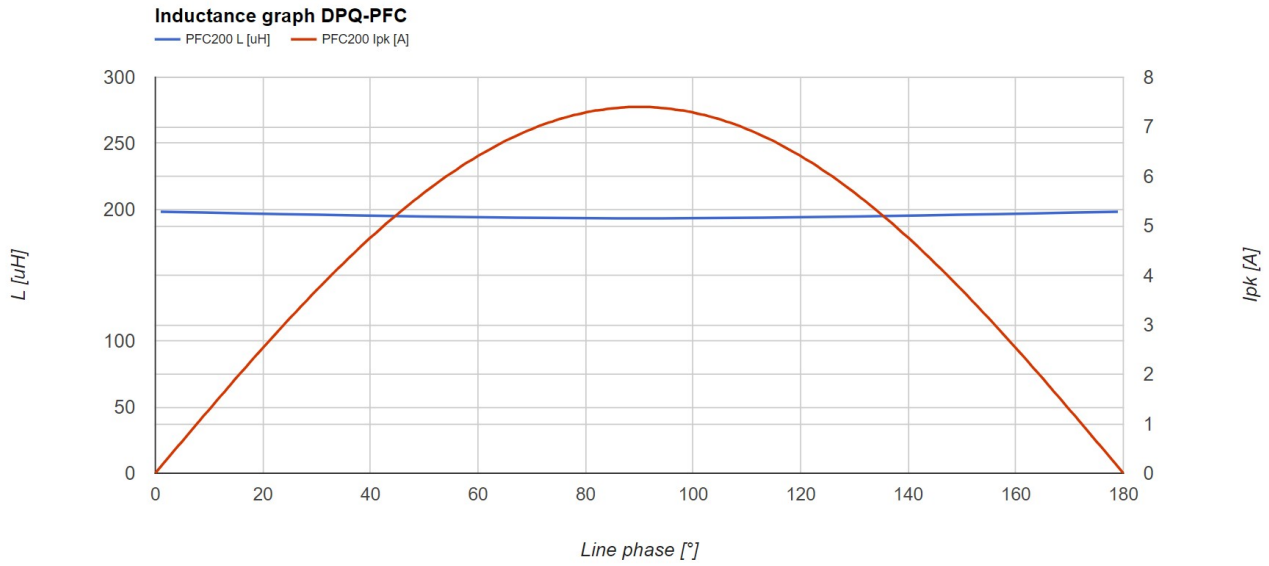
CHARACTERISTICS:

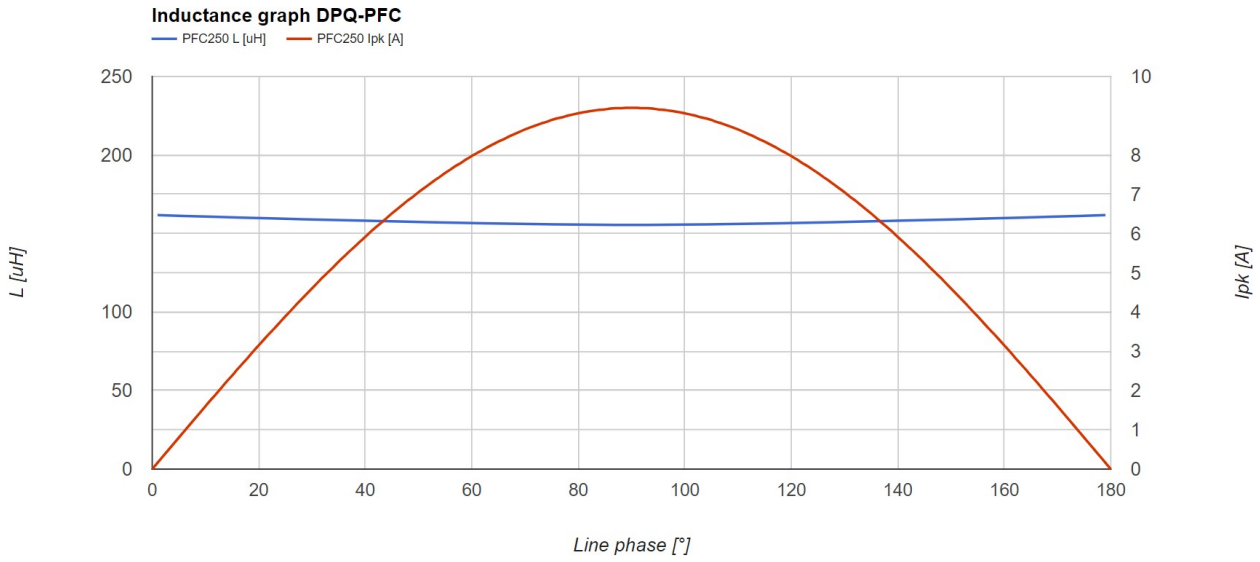


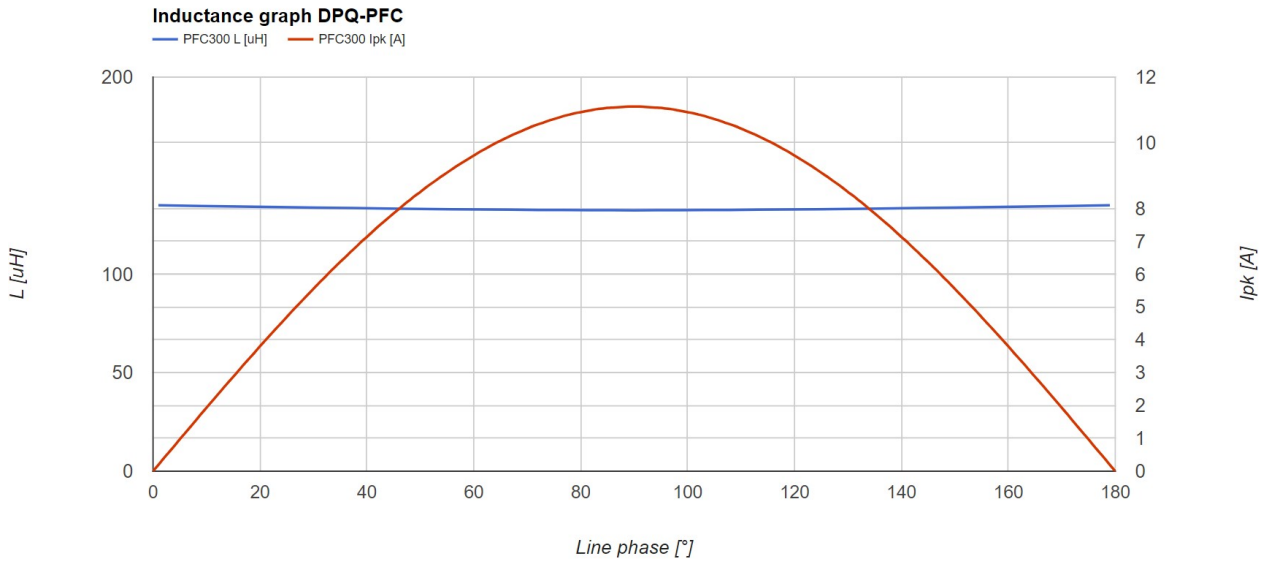





Inductance graph DPQ-PFC
PFC175 L [uH]
PFC175 Ipk [A]
L [uH]
Ipk [A]
Line phase [°]


Inductance graph DPQ-PFC
PFC200 L [uH]
PFC200 Ipk [A]
L [uH]
Ipk [A]
Line phase [°]


Inductance graph DPQ-PFC
PFC250 L [uH]
PFC250 Ipk [A]
L [uH]
Ipk [A]
Line phase [°]


Inductance graph DPQ-PFC
PFC300 L [uH]
PFC300 Ipk [A]
200
100
50
0
12
10
8
7
6
5
4
3
2
1
0
0
20
40
60
80
100
120
140
160
180
L [uH]
Ipk [A]
Line phase [°]