sales@feryster.pl

Power Factor Correction DTMSS Chokes (CrCM)

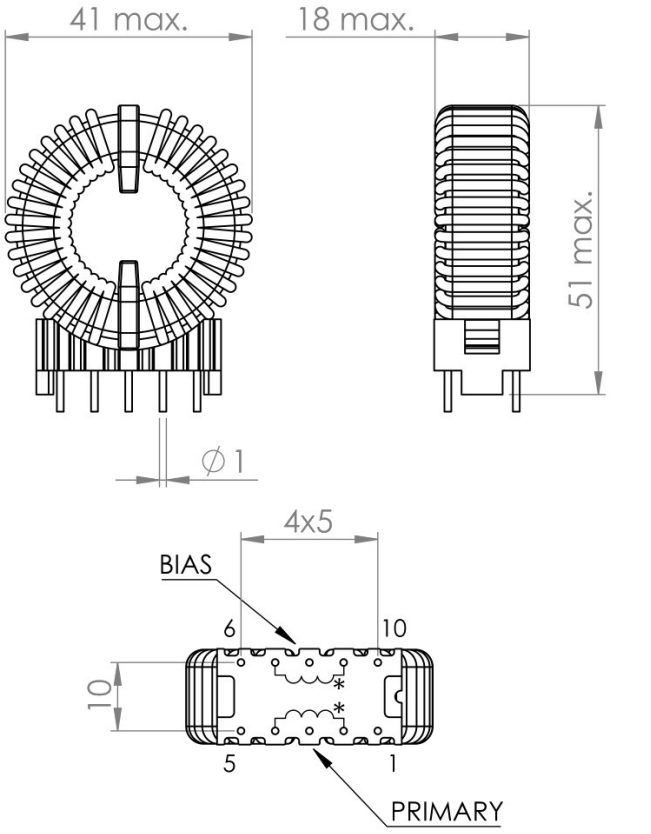
- power range 100 - 300W
- Critical Conduction Mode (CrCM)
- universal Line (85-265 V AC)
- frequency range 40-60 kHz

ORDERING CODE:

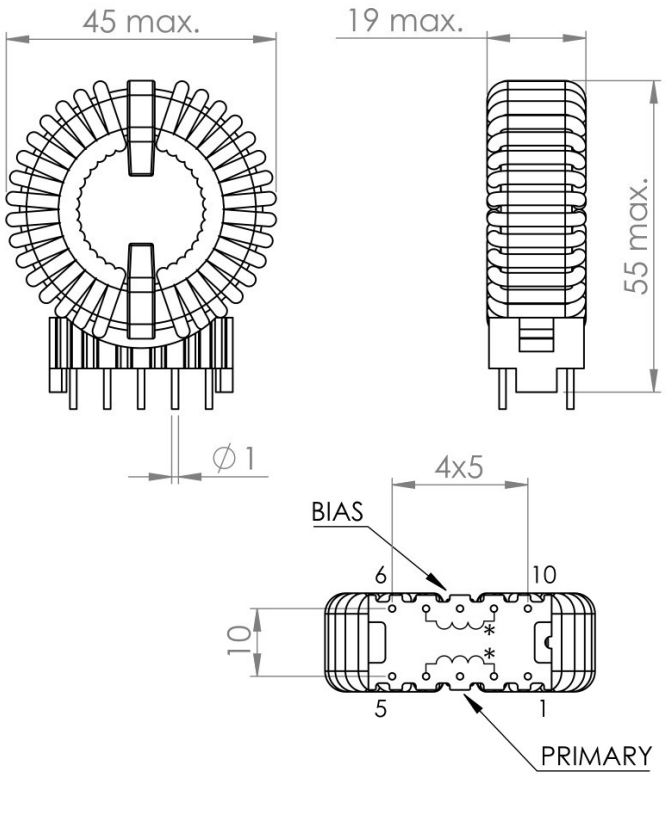
DTMSS-47/0,132/11,1-AUX-BV-PFC300

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

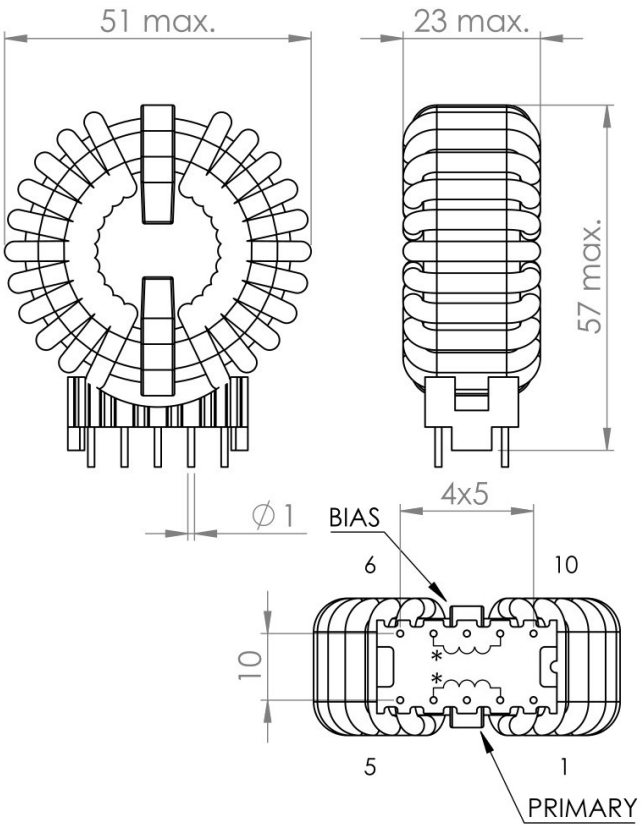
DIMENSIONS:



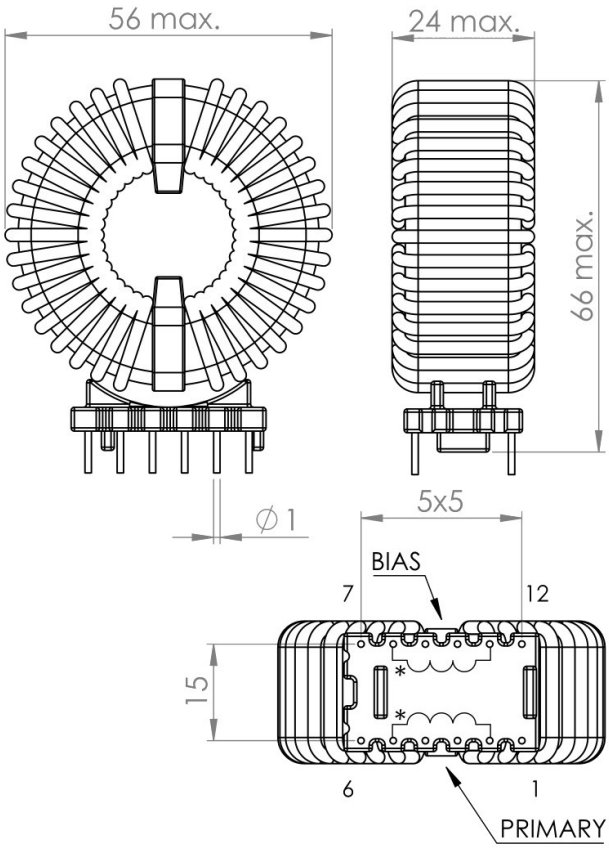
DTMSS-33/0,402/3,7-AUX-BV-PFC100



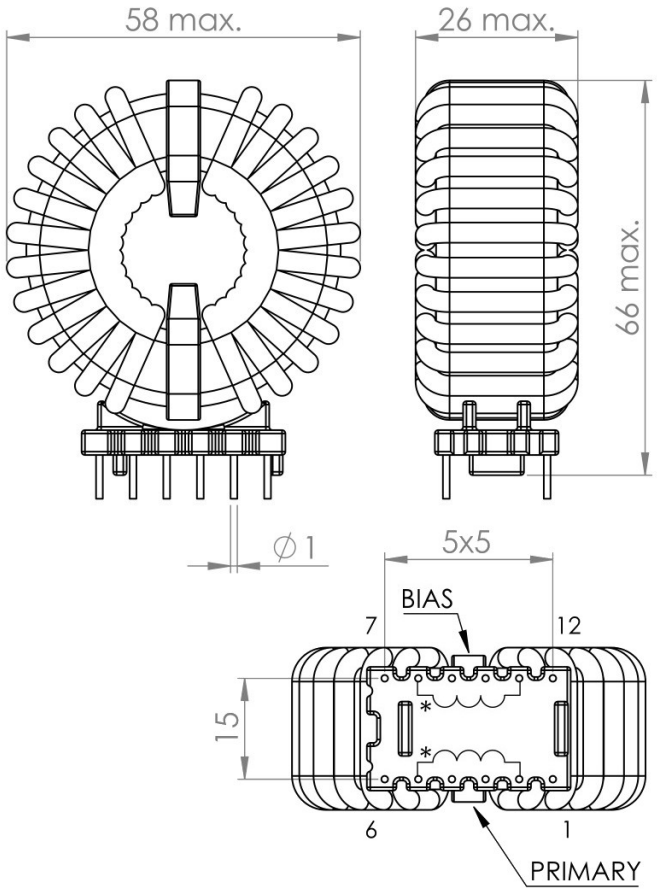
DTMSS-37/0,314/4,6-AUX-BV-PFC125



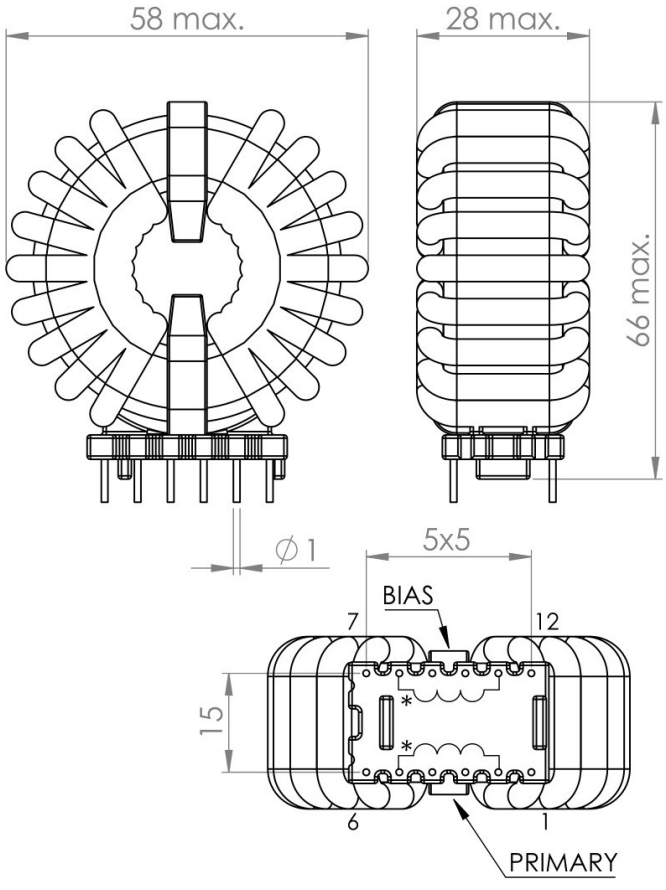
DTMSS-40/0,266/5,5-AUX-BV-PFC150



DTMSS-47/0,225/6,5-AUX-BV-PFC175
DTMSS-47/0,197/7,4-AUX-BV-PFC200



DTMSS-47/0,159/9,2-AUX-BV-PFC250

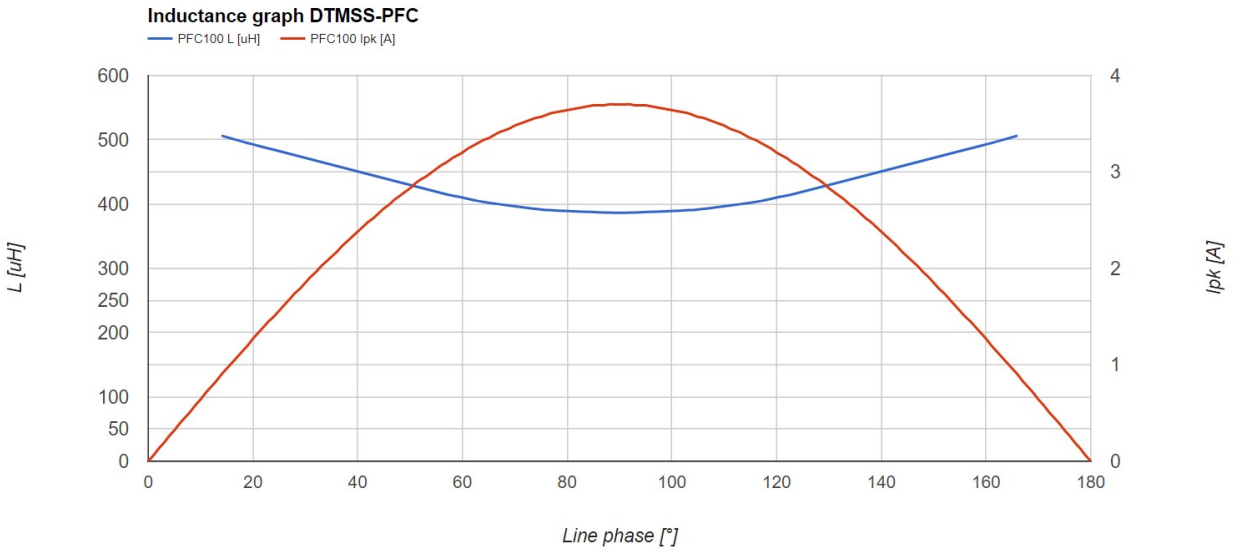


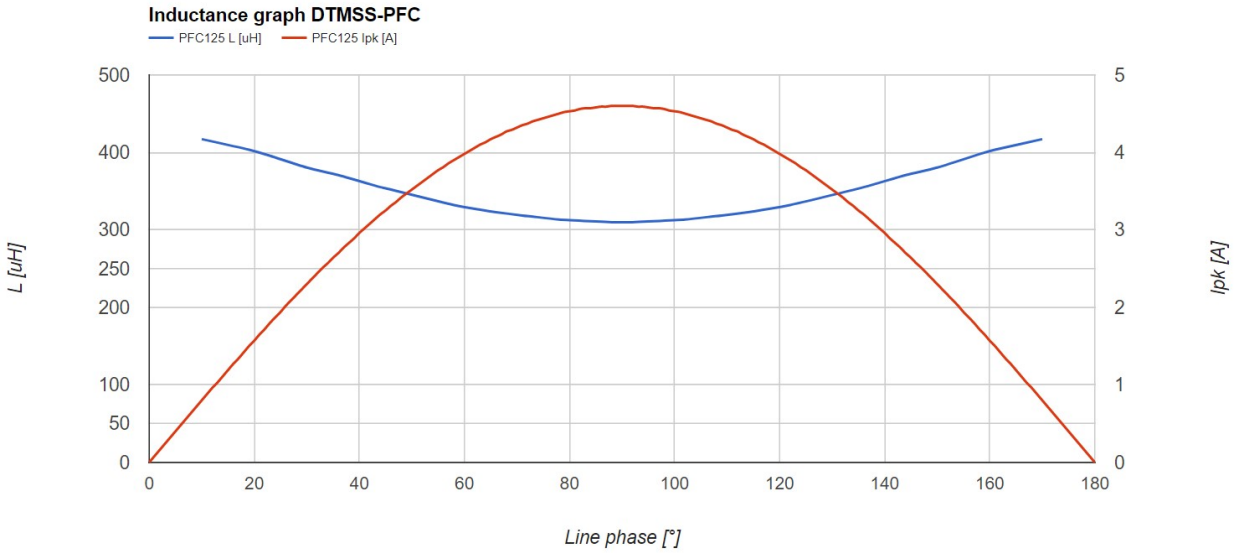
DTMSS-47/0,132/11,1-AUX-BV-PFC300

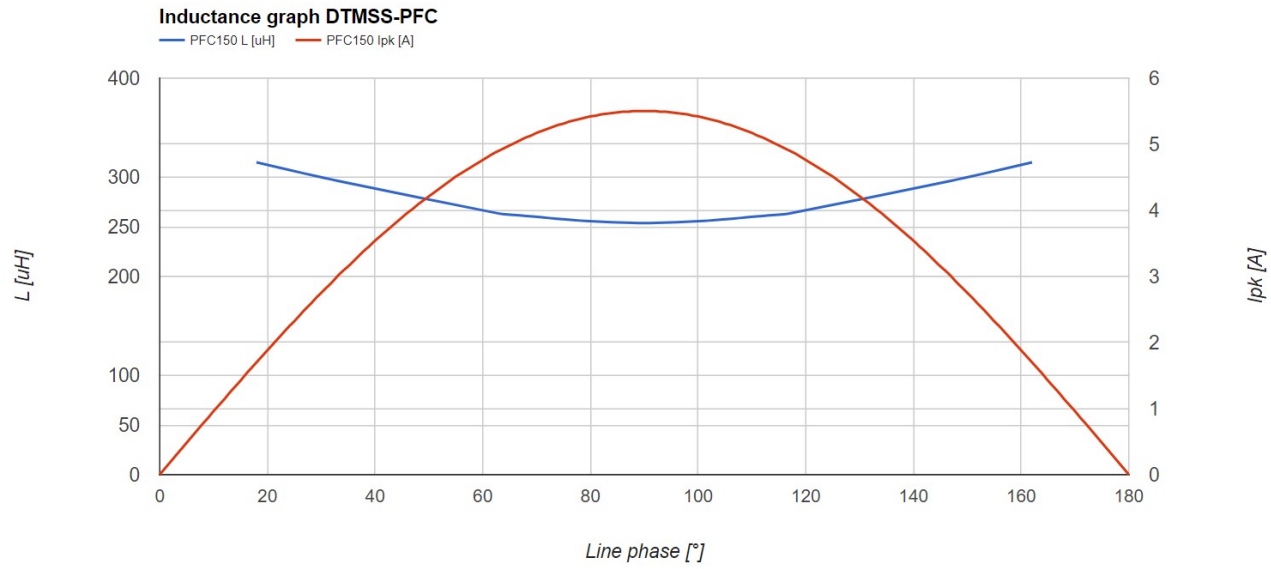
ELECTRICAL PROPERTIES:

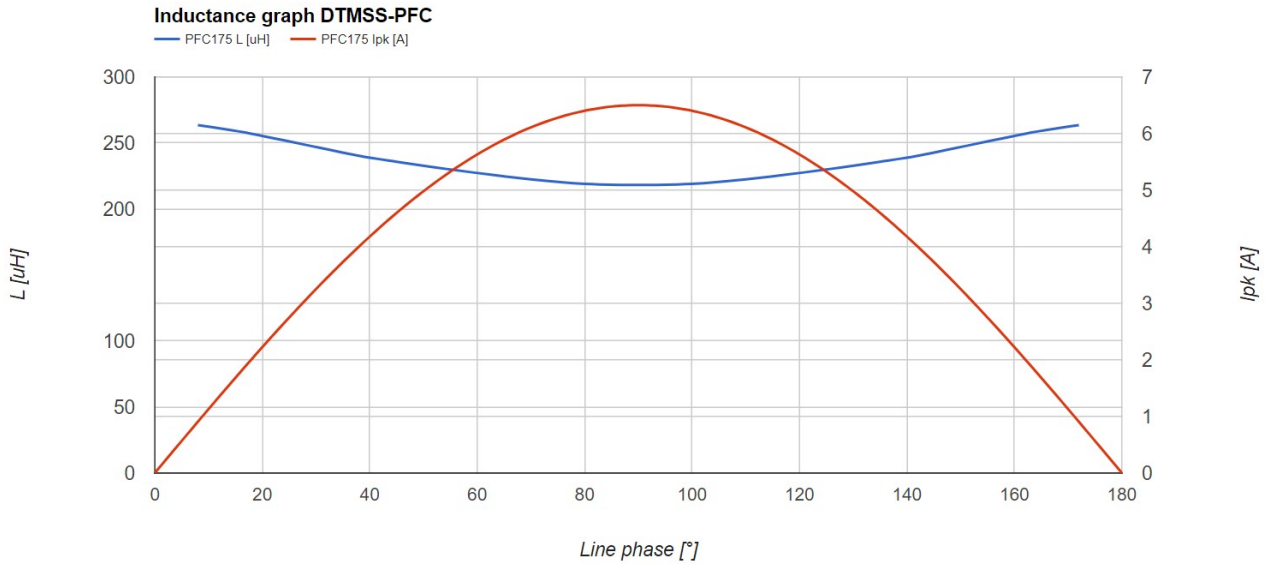
Part number	P_{out} [W]	L_0 [µH]	L_{nom} [µH]	I_p [A]	I_{RMS} [A]	R_{DC} N_p [mΩ]	R_{DC} N_s [mΩ]	ΔT [°C]	N_p:N_s
DTMSS-33/0,402/3,7-AUX-BV-PFC100	100	526	402	3,7	1,5	140	104	49	7,67:1
DTMSS-37/0,314/4,6-AUX-BV-PFC125	125	421	314	4,6	1,9	89	99	50	7,82:1
DTMSS-40/0,266/5,5-AUX-BV-PFC150	150	325	266	5,5	2,3	56	77	49	7,87:1
DTMSS-47/0,225/6,5-AUX-BV-PFC175	175	263	225	6,5	2,6	37	78	49	7,86:1
DTMSS-47/0,197/7,4-AUX-BV-PFC200	200	235	197	7,4	3,0	31	79	51	7,43:1
DTMSS-47/0,159/9,2-AUX-BV-PFC250	250	200	159	9,2	3,8	25	71	62	8:1
DTMSS-47/0,132/11,1-AUX-BV-PFC300	300	161	132	11,1	4,5	21	54	63	8,5:1

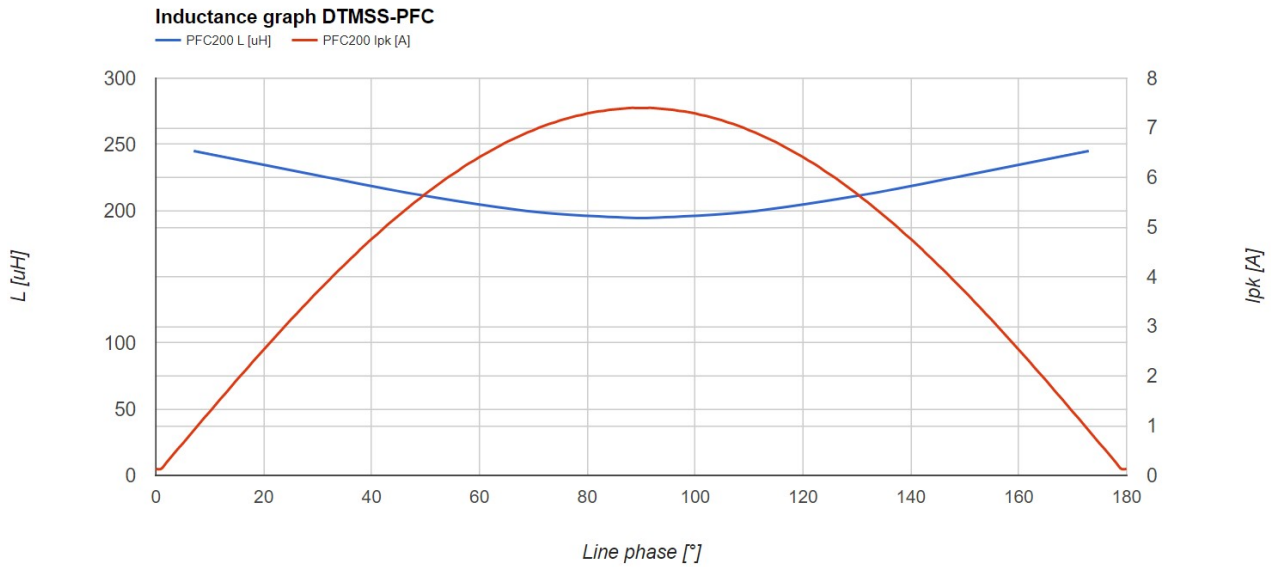
CHARACTERISTICS:

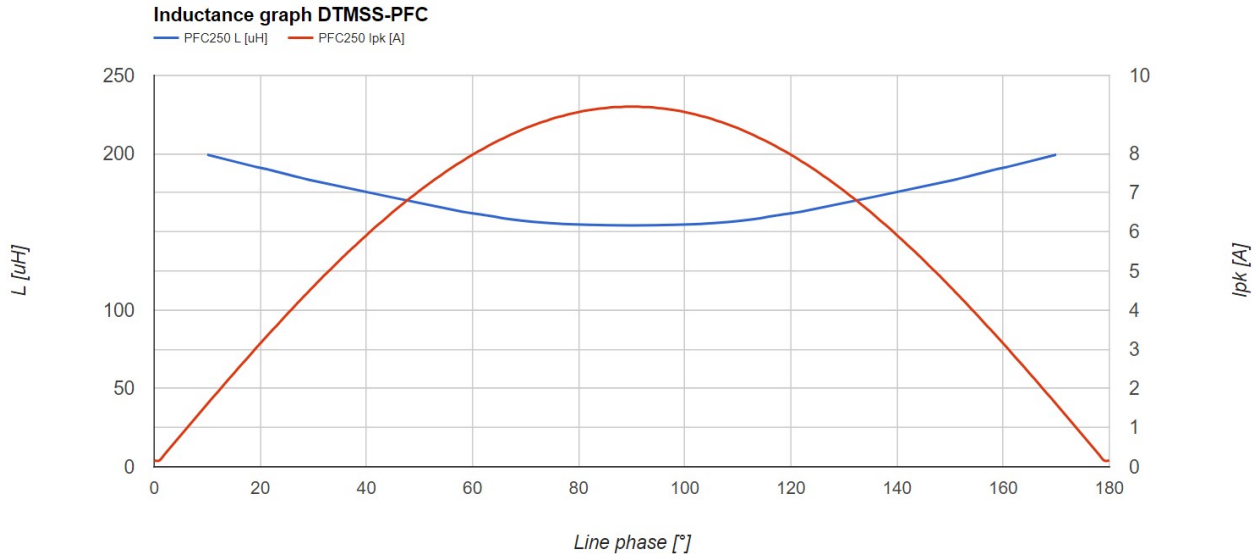


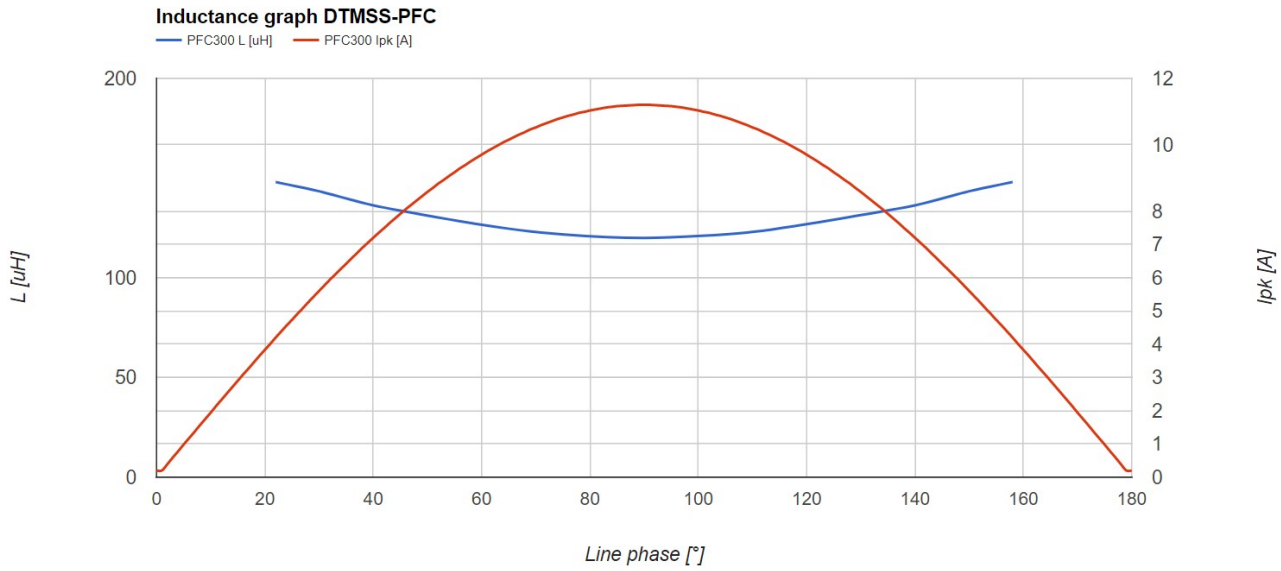



Inductance graph DTMSS-PFC
PFC150 L [uH]
PFC150 Ipk [A]
L [uH]
Ipk [A]
400
300
250
200
100
50
0
6
5
4
3
2
1
0
0
20
40
60
80
100
120
140
160
180
Line phase [°]


Inductance graph DTMSS-PFC
PFC175 L [uH]
PFC175 Ipk [A]
L [uH]
Ipk [A]
300
250
200
100
50
0
7
6
5
4
3
2
1
0
0
20
40
60
80
100
120
140
160
180
Line phase [°]


Inductance graph DTMSS-PFC
PFC200 L [uH]
PFC200 Ipk [A]
L [uH]
Ipk [A]
300
250
200
100
50
0
8
7
6
5
4
3
2
1
0
0
20
40
60
80
100
120
140
160
180
Line phase [°]


Inductance graph DTMSS-PFC
PFC250 L [uH]
PFC250 Ipk [A]
L [uH]
Ipk [A]
250
200
100
50
0
10
8
7
6
5
4
3
2
1
0
0
20
40
60
80
100
120
140
160
180
Line phase [°]


Inductance graph DTMSS-PFC
PFC300 L [uH]
PFC300 Ipk [A]
L [uH]
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
Line phase [°]