

EC CERTIFICATE

for the Quality Assurance System



according the Directive 93/42/EEC, Annex II excluding section (4)

As a Notified Body of the European Union, DEKRA Certification GmbH certifies, that the company

Joline GmbH & Co. KG

Neue Rottenburger Straße 50, 72379 Hechingen, Germany

applies a quality assurance system according to the Directive 93/42/EEC Annex II for the medical devices listed in the annex. The approval is based on the result of the re-certification audit report no. 50565-Z5-00, the decision dated 2018-10-04 and is only valid in connection with the successful performance of the annual surveillance audits.

This certificate is valid from 2018-11-30 to 2023-11-29

Registration No.: 50565-16-06



Ruth Delbeck-Bayer
DEKRA Certification GmbH Stuttgart; 2018-10-04
Notified Body ID-number: 0124



Benannt durch/Designated by
Zentralstelle der Länder
für Gesundheitsschutz
bei Arzneimitteln und
Medizinprodukten
www.zlg.de
ZLG-BS-295.10.02

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra-certification.de

Annex to the EC Certificate No. 50565-16-06

Valid from 2018-11-30 to 2023-11-29

Revision status of the annex: 1 dated 2019-05-20

Devices/device categories included in the certificate:

Class II a:

MD 0102

- Dialysis Catheter ST
- Kits
- Catheter

MD 0106

- Kyphoplasty Systems ALLEVO
- Kits
- Individual Instruments
- Dialysis Accessories
- Introducer Needle
- Guide Wire
- Dilator
- Trocar
- Connector LT

Class III:

MD 0203

- Dialysis Catheter PU-LT
- Kits
- Catheter
- Dialysis Catheter Silicone LT
- Kits
- Catheter

MD 0106

- Biopsy Forceps KNIPSA

For the placing on the market of class III devices covered by this certificate an EC design-examination certificate according to directive 93/42/EEC annex II (4) is required.



Ruth Delbeck-Bayer
DEKRA Certification GmbH, Stuttgart, 2019-05-20
Notified Body ID-number: 0124

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra-certification.de

EC CERTIFICATE

for the Quality Assurance System



according the Directive 93/42/EEC, Annex V

As a Notified Body of the European Union, DEKRA Certification GmbH certifies, that the company

Joline GmbH & Co. KG

Neue Rottenburger Straße 50, 72379 Hechingen, Germany

applies a quality assurance system according to the Directive 93/42/EEC Annex V for the medical devices listed in the annex. The approval is based on the result of the re-certification audit report no. 50565-Z5-00, the decision dated 2018-10-04 and is only valid in connection with the successful performance of the annual surveillance audits.

This certificate is valid from 2018-11-30 to 2023-11-29

Registration No.: 50565-17-05

A handwritten signature in black ink, appearing to read 'Ruth Delbeck-Bayer'.



Ruth Delbeck-Bayer
DEKRA Certification GmbH Stuttgart; 2018-10-04
Notified Body ID-number: 0124

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ZLG-BS-295.10.02

Annex to the EC Certificate No. 50565-17-05

Valid from 2018-11-30 to 2023-11-29

Revision status of the annex: 0 dated 2018-11-30

Devices/device categories included in the certificate:

Class I s:

For the products listed below, review of the Quality Assurance System refers exclusively to aspects of manufacture concerned with securing and maintaining sterile conditions.

MD 0101

- Miniclamp

MD 0106

- Mixer



A handwritten signature in black ink, appearing to read "Ruth", is written over a horizontal line.



Ruth Delbeck-Bayer
DEKRA Certification GmbH, Stuttgart, 2018-10-04
Notified Body ID-number: 0124

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra-certification.de

CERTIFICAT CE
pentru Sistemul de Asigurare a Calității

conform Directivei 93/42/CEE,
Anexa II, cu excepția secțiunii (4)

În calitate de organism notificat al Uniunii Europene, DEKRA Certification GmbH certifică că societatea
Joline GmbH & Co. KG
Str. Neue Rottenburger, nr. 50, 72379 Hechingen, Germania

implementează un sistem de asigurare a calității conform Directivei 93/42/CEE, Anexa II pentru dispozitivele medicale enumerate în anexă. Aprobarea se bazează pe rezultatul raportului de audit de certificare nr. 50565-Z5-00, hotărârii din 2018-10-04 și este valabilă doar în legătură cu îndeplinirea cu succes a auditorilor de supraveghere anuale.

Prezentul certificat este valabil de la 2018-11-30 la 2023-11-29.

Nr. de înregistrare: 50565-16-06

[semnătură indescifrabilă]

Ruth Delbeck-Bayer

DEKRA Certification GmbH Stuttgart; 2018-10-24

Număr organism notificat: 0124

DEKRA Certification GmbH * Str. Handwerk, nr. 15 * D-70565 Stuttgart * www.dekra-certification.de

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Anexa la certificatul CE nr. 50565-16-06

Valabilă de la 2018-11-30 la 2023-11-29

Stadiul reviziei anexei: 0 din 2018-11-30

Dispozitive / categoriile dispozitivelor incluse în certificat:

Clasa II a:

MD 0102

- Cateter dializă ST
 - Kituri
 - Cateter

MD 0106

- Sisteme de chifoplastie ALLEVO
 - Kituri
 - Instrumente individuale
- Accesorii pentru dializă
 - Ac introductor
 - Fir de ghidaj
 - Dilatator
 - Trocar
 - Conector LT
- Cateter de extracție de pietre

Clasa III:

MD 0203

- Cateter dializă PU-LT
 - Kituri
 - Cateter
- Cateter dializă din silicon LT
 - Kituri
 - Cateter

MD 0106

- Forceps biopsie KNIPSA

Pentru introducerea pe piață a dispozitivelor din clasa III acoperite de prezentul certificat, este necesară întocmirea unui certificat CE de examinare conform Directivei 93/42/CEE, Anexa II (4).

[semnătură indescifrabilă]

Ruth Delbeck-Bayer

DEKRA Certification GmbH Stuttgart; 2018-10-24

Număr organism notificat: 0124

DEKRA Certification GmbH * Str. Handwerk, nr. 15 * D-70565 Stuttgart * www.dekra-certification.de



CERTIFICAT CE

pentru sistemul de asigurare a calității



În conformitate cu Directiva 93/42 / CEE), anexa V

În calitate de organism notificat al Uniunii Europene, DEKRA Certification GmbH certifică faptul că firma

Joline GmbH & Co. KG

Neue Rottenburger Straße 50/712319 Hechingen, Germania

aplică un sistem de asigurare a calității conform Directivei 93/42 / CEE anexa V pentru dispozitivele medicale enumerate în anexă. Aprobarea se bazează pe rezultatul raportului de audit de re-certificare nr. 50565-Z5-00, decizia din 2018-10-04 și este valabilă numai în legătură cu efectuarea cu succes a auditurilor anuale de supraveghere.

Acest certificat este valabil din 2018-11-30 până în 2023-11-29

Număr de înregistrare: 50565-17-05



Ruth Delbeck-Bayer
DEKRA Certification GmbH Stuttgart; 2018-10-04
Notified Body ID-number: 0124

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra-certification.de



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ANEXA LA CERTIFICATUL NR. 50565-17-05

Valabil din 2018-11-30 până în 2023-11-29

Statutul revizuirii anexei: 0 din 2018-11-30

Dispozitive / Categoriile de dispozitive incluse în certificat:

Clasa I:

Pentru produsele enumerate mai jos, revizuirea sistemului de asigurare a calității se referă exclusiv la aspectele de fabricație referitoare la asigurarea și menținerea condițiilor sterile.

MD 0101

- Miniclemă

MD 0106

- Mixer






Ruth Delbeck-Bayer
DEKRA Certification GmbH, Stuttgart, 2018-10-04
Notified Body ID-number: 0124

DEKRA Certification GmbH * Handwerksstraße 15 * D-70565 Stuttgart * www.dekra-certification.de





KONFORMITÄTSERKLÄRUNG / DECLARATION OF CONFORMITY

Name und Adresse der Firma / Name and address of the firm

Joline GmbH & Co. KG
Neue Rottenburger Str. 50
72379 Hechingen
Germany

Wir erklären in alleiniger Verantwortung, dass das Medizinprodukt /
We declare under our sole responsibility that the medical device

Dialyse Katheter ST gemäß Anhang /
Dialysis Catheter ST according to the annex

der Klasse IIa / of class IIa
nach Anhang IX der Richtlinie 93/42/EWG / according to Annex IX of directive 93/42/EEC

allen Anforderungen der Richtlinie 93/42/EWG entspricht, die anwendbar sind /
meets all the provisions of the directive 93/42/EEC which apply to it.

Konformitätsbewertungsverfahren / Conformity assessment procedure

gemäß Richtlinie 93/42/EWG, Anhang II ohne Abschnitt (4) /
according to directive 93/42/EEC Annex II without section (4)

Konformitätsbewertungsstelle / Notified Body

DEKRA Certification GmbH
Handwerkstr. 15
70565 Stuttgart
Germany
ID: 0124

Diese Erklärung ist gültig bis zum 29.11.2023 bzw. bis zur Ausstellung einer revidierten Erklärung. /
This declaration is valid until 2023-11-29 or until a revised declaration comes into effect.

Hechingen, 2018-11-30



Michael Eisenlohr

Site Manager



Dr. Marian Wenzel

Director QA/RA

ANHANG – PRODUKTLISTE / ANNEX – PRODUCT LIST

Single Lumen Short Term

DCPT 8/10	DCPT 8/17,5 PH	PKSL08P150C	PKSL08P250
DCPT 8/15	DCPT 8/20 H-PH	PKSL08P175	PKSL08P250C
DCPT 8/15 H-PH	DCPT 8/20 PH	PKSL08P175C	
DCPT 8/15 PH	DCPT 8/25 PH	PKSL08P200	
DCPT 8/17,5 H-PH	PKSL08P150	PKSL08P200C	

Single Lumen ST (Händler / Distributor)

-PKSL08P150	-PKSL08P175	-PKSL08P200	-PKSL08P250
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Double Lumen Short Term Extra Flow Kits

HF-DLS 11/12,5	KEF11P100	KEF11P250R	PKHF11P175
HF-DLS 11/12,5 C	KEF11P125	KEF11P300	PKHF11P200
HF-DLS 11/15	KEF11P125C	KEF11P300C	PKHF11P250
HF-DLS 11/15 C	KEF11P125R	KEF11P300R	PKHF11P150R
HF-DLS 11/15 C 14	KEF11P150	KEF11PH125R	PKHF11P175R
HF-DLS 11/17,5	KEF11P150C	KEF11PH150C	PKHF11P125
HF-DLS 11/17,5 C	KEF11P150R	KEF11PH150R	PKHF11P225
HF-DLS 11/20	KEF11P175	KEF11PH175	PKHF11P125R
HF-DLS 11/20 C	KEF11P175C	KEF11PH175R	PKHF11P200R
HF-DLS 11/20 C 14	KEF11P175R	KEF11PH200	PKHF11P225R
HF-DLS 11/22,5	KEF11P200	KEF11PH200C	PKHF11P250R
HF-DLS 11/25	KEF11P200C	KEF11PH200R	PKHF11P150R 21
HF-DLS 11/25 C	KEF11P200R	KEF11PH250	PKHF11P150C 21
HF-DLS 11/25 C 14	KEF11P225R	KEF11PH300	PKHF11P175C 21
HF-DLS 11/30	KEF11P250	PKHF11P150	

Double Lumen ST Extra Flow (Händler / Distributor)

-PKHF11P150	-PKHF11P200	-PKHF11P150R	-PKHF11P200R
-PKHF11P175	-PKHF11P250	-PKHF11P175R	-PKHF11P250R

Double Lumen Short Term Standard - Einzelkatheter und Kits

DLS 11/20 C	KDL11P150R	KDL11PH125C	PKDL11P150 21
DLS 11/12,5	KDL11P175	KDL11PH125R	PKDL11P150C 21
DLS 11/15	KDL11P175C	KDL11PH150	PKDL11P150R
DLS 11/15 C	KDL11P175R	KDL11PH150C	PKDL11P175
DLS 11/17,5	KDL11P200	KDL11PH150R	PKDL11P175 21
DLS 11/17,5 C	KDL11P200C	KDL11PH175	PKDL11P175C 21
DLS 11/20	KDL11P200R	KDL11PH175C	PKDL11P175R
DLS 11/25	KDL11P225	KDL11PH175R	PKDL11P200
KDL11P100	KDL11P225C	KDL11PH200	PKDL11P200R
KDL11P100C	KDL11P225R	KDL11PH200C	PKDL11P250
KDL11P125	KDL11P250	KDL11PH200R	PKDL11P250R
KDL11P125C	KDL11P250C	KDL11PH250	PKDL11PH200
KDL11P125R	KDL11P250R	PKDL11P125	
KDL11P150	KDL11PH100R	PKDL11P125R	
KDL11P150C	KDL11PH125	PKDL11P150	

Double Lumen ST (Händler / Distributor)

-PKDL11P125	-PKDL11P200	-PKDL11P150R	-PKDL11P250R
-PKDL11P150	-PKDL11P250	-PKDL11P175R	
-PKDL11P175	-PKDL11P125R	-PKDL11P200R	

Double Lumen Short Term High Flow Kits

HF-DLS 13/15	HF-DLS 13/20 C	PKHF13PH150C 21	PKHF13PH200R
HF-DLS 13/15 C	HF-DLS 13/25	PKHF13PH150R	PKHF13PH250
HF-DLS 13/17,5	HF-DLS 13/22,5	PKHF13PH175	PKHF13PH250R
HF-DLS 13/17,5 C	PKHF13PH150	PKHF13PH175R	PKHF13PH300
HF-DLS 13/20	PKHF13PH150 21	PKHF13PH200	

High Flow Double Lumen ST (Händler / Distributor)

-PKHF13PH150	-PKHF13PH200	-PKHF13PH150R	-PKHF13PH200R
-PKHF13PH175	-PKHF13PH250	-PKHF13PH175R	-PKHF13PH250R

Double Lumen Extra Flow - Pädiatrisch

KDL06P075	KDL08P075C	P-DLS 6,5/7,5	PKDL06P125R
KDL06P075C	KDL08P075R	P-DLS 6,5/7,5 C	PKDL08P075 21
KDL06P075R	KDL08P100	P-DLS 8/15	PKDL08P100
KDL06P100	KDL08P100C	P-DLS 8/10 C	PKDL08P100R
KDL06P100C	KDL08P100R	P-DLS 8/12,5	PKDL08P125
KDL06P100R	KDL08P125	P-DLS 8/12,5 C	PKDL08P125R
KDL06P125	KDL08P125C	P-DLS 8/7,5	PKDL08P150
KDL06P125C	KDL08P125R	P-DLS 8/10	PKDL08P150 21
KDL06P125R	KDL08P150	PKDL06P075	PKDL08P150R
KDL06P150	KDL08P150C	PKDL06P075R	
KDL06P150C	KDL08P150R	PKDL06P100	
KDL06P150R	P-DLS 6,5/10	PKDL06P100R	
KDL08P075	P-DLS 6,5/10 C	PKDL06P125	

Extra Flow Double Lumen (Händler / Distributor)

-PKDL08P100	-PKDL08P100R	-PKDL06P075	-PKDL06P075R
-PKDL08P125	-PKDL08P125R	-PKDL06P100	-PKDL06P100R
-PKDL08P150	-PKDL08P150R	-PKDL06P125	-PKDL06P125R

Triple Lumen Short Term

KTL12P125	KTL12P175R	PKTL12P150 C 21	PKTL12P200C 21
KTL12P125R	KTL12P200	PKTL12P150R	PKTL12P200 21
KTL12P150	KTL12P200C	PKTL12P175	PKTL12P200R
KTL12P150C	KTL12P200R	PKTL12P175 21	PKTL12P250R
KTL12P150R	KTL12P225	PKTL12P175C 21	PKTL12P250
KTL12P175	KTL12P250	PKTL12P175R	
KTL12P175C	PKTL12P150	PKTL12P200	

Triple Lumen ST Händler

-PKTL12P150	-PKTL12P200	-PKTL12P150R	-PKTL12P200R
-PKTL12P175	-PKTL12P250	-PKTL12P175R	-PKTL12P250R

Triple Lumen Short Term High Flow

HF-TLK 13/15	HF-TLK 13/25	PKTHF13P150R	PKTHF13P200R
HF-TLK 13/15 C	HF-TLK 13/30	PKTHF13P175	PKTHF13P250
HF-TLK 13/17,5	HF-TLK 13/30 C	PKTHF13P175R	PKTHF13P250R
HF-TLK 13/17,5 C	PKTHF13P150	PKTHF13P175C 21	
HF-TLK 13/20	PKTHF13P150 21	PKTHF13P200	
HF-TLK 13/20 C	PKTHF13P150 C 21	PKTHF13P200 21	

Triple Lumen ST Händler

-PKTHF13P150	-PKTHF13P200	-PKTHF13P150R	-PKTHF13P200R
-PKTHF13P175	-PKTHF13P250	-PKTHF13P175R	-PKTHF13P250R

DECLARAȚIE DE CONFORMITATE

Numele și adresa firmei

Joline GmbH & Co. KG
Neue Rottenburger Str. 50
72379 Hechingen
Germania

Declarăm pe propria răspundere că dispozitivul medical

Cateter dializă ST în conformitate cu anexa

de clasa Ia conform anexei IX la Directiva 93/42 / CEE

îndeplinește toate dispozițiile Directivei 93/42 / CEE care se aplică acesteia.

Procedura de evaluare a conformității

conform Directivei 93/42 / CEE Anexa II fără secțiunea (4)

Organism notificat

DEKRA Certification GmbH
Handwerkstr. 15
70565 Stuttgart
Germania
ID: 0124

Această declarație este valabilă până în 2023-11-29 sau până la intrarea în vigoare a unei declarații revizuite.

Hechingen, 2018-11-30


Michael Eisenlohr
Site Manager


Dr. Marian Wenzel
Director QA/RA



ANEXĂ - LISTĂ PRODUSE

Termen scurt un singur lumen

DCPT 8/10	DCPT 8/17,5 PH	PKSL08P150C	PKSL08P250
DCPT 8/15	DCPT 8/20 H-PH	PKSL08P175	PKSL08P250C
DCPT 8/15 H-PH	DCPT 8/20 PH	PKSL08P175C	
DCPT 8/15 PH	DCPT 8/25 PH	PKSL08P200	
DCPT 8/17,5 H-PH	PKSL08P150	PKSL08P200C	

Un singur lumen ST

-PKSL08P150	-PKSL08P175	-PKSL08P200	-PKSL08P250
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Kituri termen scurt lumen dublu extra debit

HF-DLS 11/12,5	KEF11P100	KEF11P250R	PKHF11P175
HF-DLS 11/12,5 C	KEF11P125	KEF11P300	PKHF11P200
HF-DLS 11/15	KEF11P125C	KEF11P300C	PKHF11P250
HF-DLS 11/15 C	KEF11P125R	KEF11P300R	PKHF11P150R
HF-DLS 11/15 C 14	KEF11P150	KEF11PH125R	PKHF11P175R
HF-DLS 11/17,5	KEF11P150C	KEF11PH150C	PKHF11P125
HF-DLS 11/17,5 C	KEF11P150R	KEF11PH150R	PKHF11P225
HF-DLS 11/20	KEF11P175	KEF11PH175	PKHF11P125R
HF-DLS 11/20 C	KEF11P175C	KEF11PH175R	PKHF11P200R
HF-DLS 11/20 C 14	KEF11P175R	KEF11PH200	PKHF11P225R
HF-DLS 11/22,5	KEF11P200	KEF11PH200C	PKHF11P250R
HF-DLS 11/25	KEF11P200C	KEF11PH200R	PKHF11P150R 21
HF-DLS 11/25 C	KEF11P200R	KEF11PH250	PKHF11P150C 21
HF-DLS 11/25 C 14	KEF11P225R	KEF11PH300	PKHF11P175C 21
HF-DLS 11/30	KEF11P250	PKHF11P150	

Lumen dublu ST extra debit

-PKHF11P150	-PKHF11P200	-PKHF11P150R	-PKHF11P200R
-PKHF11P175	-PKHF11P250	-PKHF11P175R	-PKHF11P250R

Lumen dublu termen scurt standard

DLS 11/20 C	KDL11P150R	KDL11PH125C	PKDL11P150 21
DLS 11/12,5	KDL11P175	KDL11PH125R	PKDL11P150C 21
DLS 11/15	KDL11P175C	KDL11PH150	PKDL11P150R
DLS 11/15 C	KDL11P175R	KDL11PH150C	PKDL11P175
DLS 11/17,5	KDL11P200	KDL11PH150R	PKDL11P175 21
DLS 11/17,5 C	KDL11P200C	KDL11PH175	PKDL11P175C 21
DLS 11/20	KDL11P200R	KDL11PH175C	PKDL11P175R
DLS 11/25	KDL11P225	KDL11PH175R	PKDL11P200
KDL11P100	KDL11P225C	KDL11PH200	PKDL11P200R
KDL11P100C	KDL11P225R	KDL11PH200C	PKDL11P250
KDL11P125	KDL11P250	KDL11PH200R	PKDL11P250R
KDL11P125C	KDL11P250C	KDL11PH250	PKDL11PH200
KDL11P125R	KDL11P250R	PKDL11P125	
KDL11P150	KDL11PH100R	PKDL11P125R	
KDL11P150C	KDL11PH125	PKDL11P150	



Lumen dublu ST

-PKDL11P125	-PKDL11P200	-PKDL11P150R	-PKDL11P250R
-PKDL11P150	-PKDL11P250	-PKDL11P175R	
-PKDL11P175	-PKDL11P125R	-PKDL11P200R	

Kituri lumen dublu termen scurt debit ridicat

HF-DLS 13/15	HF-DLS 13/20 C	PKHF13PH150C 21	PKHF13PH200R
HF-DLS 13/15 C	HF-DLS 13/25	PKHF13PH150R	PKHF13PH250
HF-DLS 13/17,5	HF-DLS 13/22,5	PKHF13PH175	PKHF13PH250R
HF-DLS 13/17,5 C	PKHF13PH150	PKHF13PH175R	PKHF13PH300
HF-DLS 13/20	PKHF13PH150 21	PKHF13PH200	

Debit ridicat lumen dublu ST

-PKHF13PH150	-PKHF13PH200	-PKHF13PH150R	-PKHF13PH200R
-PKHF13PH175	-PKHF13PH250	-PKHF13PH175R	-PKHF13PH250R

Lumen dublu extra debit

KDL06P075	KDL08P075C	P-DLS 6,5/7,5	PKDL06P125R
KDL06P075C	KDL08P075R	P-DLS 6,5/7,5 C	PKDL08P075 21
KDL06P075R	KDL08P100	P-DLS 8/15	PKDL08P100
KDL06P100	KDL08P100C	P-DLS 8/10 C	PKDL08P100R
KDL06P100C	KDL08P100R	P-DLS 8/12,5	PKDL08P125
KDL06P100R	KDL08P125	P-DLS 8/12,5 C	PKDL08P125R
KDL06P125	KDL08P125C	P-DLS 8/7,5	PKDL08P150
KDL06P125C	KDL08P125R	P-DLS 8/10	PKDL08P150 21
KDL06P125R	KDL08P150	PKDL06P075	PKDL08P150R
KDL06P150	KDL08P150C	PKDL06P075R	
KDL06P150C	KDL08P150R	PKDL06P100	
KDL06P150R	P-DLS 6,5/10	PKDL06P100R	
KDL08P075	P-DLS 6,5/10 C	PKDL06P125	

Extra debit lumen dublu

-PKDL08P100	-PKDL08P100R	-PKDL06P075	-PKDL06P075R
-PKDL08P125	-PKDL08P125R	-PKDL06P100	-PKDL06P100R
-PKDL08P150	-PKDL08P150R	-PKDL06P125	-PKDL06P125R

Lumen triplu termen scurt

KTL12P125	KTL12P175R	PKTL12P150 C 21	PKTL12P200C 21
KTL12P125R	KTL12P200	PKTL12P150R	PKTL12P200 21
KTL12P150	KTL12P200C	PKTL12P175	PKTL12P200R
KTL12P150C	KTL12P200R	PKTL12P175 21	PKTL12P250R
KTL12P150R	KTL12P225	PKTL12P175C 21	PKTL12P250
KTL12P175	KTL12P250	PKTL12P175R	
KTL12P175C	PKTL12P150	PKTL12P200	

Lumen triplu ST

-PKTL12P150	-PKTL12P200	-PKTL12P150R	-PKTL12P200R
-PKTL12P175	-PKTL12P250	-PKTL12P175R	-PKTL12P250R

Lumen triplu termen scurt debit ridicat

HF-TLK 13/15
HF-TLK 13/15 C
HF-TLK 13/17,5
HF-TLK 13/17,5 C
HF-TLK 13/20
HF-TLK 13/20 C

HF-TLK 13/25
HF-TLK 13/30
HF-TLK 13/30 C
PKTHF13P150
PKTHF13P150 21
PKTHF13P150 C 21

PKTHF13P150R
PKTHF13P175
PKTHF13P175R
PKTHF13P175C 21
PKTHF13P200
PKTHF13P200 21

PKTHF13P200R
PKTHF13P250
PKTHF13P250R

Lumen triplu ST

-PKTHF13P150
-PKTHF13P175

-PKTHF13P200
-PKTHF13P250

-PKTHF13P150R
-PKTHF13P175R

-PKTHF13P200R
-PKTHF13P250R

