

**Certificate
of conformity with the following
European Directives**

Registered No.:
K10187/M15

Machinery Directive 2006/42/EC

Reference of applicant	Date of application	File reference	Test report No.	Date of issue
-	01.08.2015	KP-15-436	K9510/M15	26.02.2016

This is to certify that the following products comply to the essential requirements (Annex 1) of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product: Vertical Multistage Centrifugal Pump

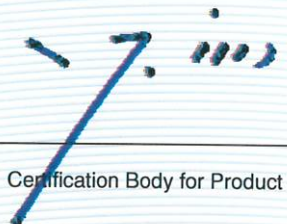
Type designation: DRL a-b-cd-ef
(a=1 to 200 stands for flow rating;
b= 1 to 36 stands for number of impeller;
c= Blank or 1, 2, 3 stands for number of small impeller
d= Blank or A and B stands for small impeller type;
e= Blank or 1, 2, 3 stands for number of small impeller
f= Blank or A and B stands for small impeller type)
See attached annex 1 for the model names

Applicant: DOOCH CO., LTD.
#332 Hwagok-ro, Jangan-myeon, Hwaseong-si,
Gyeonggi-do 18585, Korea

Manufacturer: Same as applicant

Standard(s): EN ISO 12100:2010
EN 60204-1:2006 + A1:2009
EN 809:1998 + A1:2009

This Certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.



Certification Body for Product Certification

TÜV NORD Korea Ltd.
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**Certificate
of conformity with the following
European Directives**

Registered No.:
K10379/M16

Machinery Directive 2006/42/EC

Reference of applicant	Date of application	File reference	Test report No.	Date of issue
-	01.08.2015	KP-15-436	K9510/M15	26.02.2016

This is to certify that the following products comply to the essential requirements (Annex 1) of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product: Vertical Multistage Centrifugal Pump

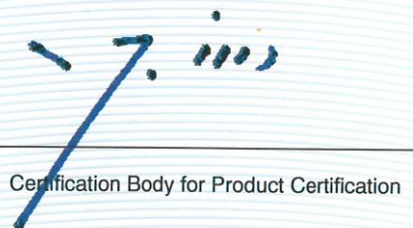
Type designation: DRL a-b-cd-ef
(a=1 to 200 stands for flow rating;
b= 1 to 36 stands for number of impeller;
c= Blank or 1, 2, 3 stands for number of small impeller
d= Blank or A and B stands for small impeller type;
e= Blank or 1, 2, 3 stands for number of small impeller
f= Blank or A and B stands for small impeller type)
See attached annex 1 for the model names

Applicant: DOOCH CO., LTD.
#332 Hwagok-ro, Jangan-myeon, Hwaseong-si,
Gyeonggi-do 18585, Korea

Manufacturer: SHANGHAI DOOCH PUMP CO.,LTD
No 239, Zhang Lian Tang Road, Qing Pu District, Shanghai, China

Standard(s): EN ISO 12100:2010
EN 60204-1:2006 + A1:2009
EN 809:1998 + A1:2009

This Certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.


Certification Body for Product Certification

TÜV NORD Korea Ltd.
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Type designation:

DRL 1-2, DRL 1-3, DRL 1-4, DRL 1-5, DRL 1-6, DRL 1-7, DRL 1-8, DRL 1-9,
DRL 1-10, DRL 1-11, DRL 1-12, DRL 1-13, DRL 1-15, DRL 1-17, DRL 1-19,
DRL 1-21, DRL 1-23, DRL 1-25, DRL 1-27, DRL 1-30, DRL 1-33, DRL 1-36,
DRL 3-2, DRL 3-3, DRL 3-4, DRL 3-5, DRL 3-6, DRL 3-7, DRL 3-8, DRL 3-9,
DRL 3-10, DRL 3-11, DRL 3-12, DRL 3-13, DRL 3-15, DRL 3-17, DRL 3-19,
DRL 3-21, DRL 3-23, DRL 3-25, DRL 3-27, DRL 3-29, DRL 3-31, DRL 3-33,
DRL 3-36, DRL 5-2, DRL 5-3, DRL 5-4, DRL 5-5, DRL 5-6, DRL 5-7, DRL 5-8,
DRL 5-9, DRL 5-10, DRL 5-11, DRL 5-12, DRL 5-13, DRL 5-14, DRL 5-15,
DRL 5-16, DRL 5-18, DRL 5-20, DRL 5-22, DRL 5-24, DRL 5-26, DRL 5-29,
DRL 5-32, DRL 5-36, DRL 10-1, DRL 10-2, DRL 10-3, DRL 10-4, DRL 10-5,
DRL 10-6, DRL 10-7, DRL 10-8, DRL 10-9, DRL 10-10, DRL 10-12, DRL 10-14,
DRL 10-16, DRL 10-17, DRL 10-18, DRL 10-20, DRL 10-22, DRL 15-1, DRL 15-2,
DRL 15-3, DRL 15-4, DRL 15-5, DRL 15-6, DRL 15-7, DRL 15-8, DRL 15-9,
DRL 15-10, DRL 15-12, DRL 15-14, DRL 15-17, DRL 20-1, DRL 20-2, DRL 20-3,
DRL 20-4, DRL 20-5, DRL 20-6, DRL 20-7, DRL 20-8, DRL 20-10, DRL 20-12,
DRL 20-14, DRL 20-17, DRL 32-1-1, DRL 32-1, DRL 32-2-2, DRL 32-2,
DRL 32-3-2, DRL 32-3, DRL 32-4-2, DRL 32-4, DRL 32-5-2, DRL 32-5,
DRL 32-6-2, DRL 32-6, DRL 32-7-2, DRL 32-7, DRL 32-8-2, DRL 32-8,
DRL 32-9-2, DRL 32-9, DRL 32-10-2, DRL 32-10, DRL 32-11-2, DRL 32-11,
DRL 32-12-2, DRL 32-12, DRL 32-13-2, DRL 32-13, DRL 32-14-2, DRL 32-14,
DRL 45-1-1, DRL 45-1, DRL 45-2-2, DRL 45-2, DRL 45-3-2, DRL 45-3,
DRL 45-4-2, DRL 45-4, DRL 45-5-2, DRL 45-5, DRL 45-6-2, DRL 45-6,
DRL 45-7-2, DRL 45-7, DRL 45-8-2, DRL 45-8, DRL 45-9-2, DRL 45-9,
DRL 45-10-2, DRL 45-10, DRL 45-11-2, DRL 45-11, DRL 45-12-2, DRL 45-12,
DRL 45-13-2, DRL 64-1-1, DRL 64-1, DRL 64-2-2, DRL 64-2-1, DRL 64-2,
DRL 64-3-2, DRL 64-3-1, DRL 64-3, DRL 64-4-2, DRL 64-4-1, DRL 64-4,
DRL 64-5-2, DRL 64-5-1, DRL 64-5, DRL 64-6-2, DRL 64-6-1, DRL 64-6,
DRL 64-7-2, DRL 64-7-1, DRL 64-7, DRL 64-8-2, DRL 64-8-1, DRL 90-1-1,
DRL 90-1, DRL 90-2-1, DRL 90-2-2, DRL 90-2, DRL 90-3-1, DRL 90-3-2,
DRL 90-3, DRL 90-4-2, DRL 90-4, DRL 120-1, DRL 120-2-2, DRL 120-2-1,
DRL 120-2, DRL 120-3-1, DRL 120-3, DRL 120-4-1, DRL 120-5-2, DRL 150-1-1,
DRL 150-1, DRL 150-2-2, DRL 150-2-1, DRL 150-2, DRL 150-3-2, DRL 150-3,
DRL 150-4-2, DRL 200-1-B, DRL 200-1-A, DRL 200-1, DRL 200-2-2B,
DRL 200-2-2A, DRL 200-2-A, DRL 200-2, DRL 200-3-2B, DRL 200-2-B,
DRL 200-3-A-B, DRL 200-3-2A

See of the test report models specification