QDL Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231 Архангельск (8182)63-90-72 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Волгоград (844)278-03-48 Вологда (8172)26-41-59 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89 Иваново (4932)77-34-06 Ижевск (3412)26-03-58 Иркутск (395)279-98-46

Россия (495)268-04-70

Казань (843)206-01-48 Калининград (4012)72-03-81 Калуга (4842)92-23-67 Кемерово (3842)65-04-62 Киров (8332)68-02-04 Краснодар (861)203-40-90 Красноярск (391)204-63-61 Курск (4712)77-13-04 Липецк (4742)52-20-81 Магнитогорск (3519)55-03-13 Москва (495)268-04-70 Мурманск (8152)59-64-93 Набережные Челны (8552)20-53-41 Нижний Новгород (831)429-08-12

Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81 Новосибирск (383)227-86-73 Омск (3812)21-46-40 Орел (4862)44-53-42 Оренбург (3532)37-68-04 Пенза (8412)22-31-16 Пермь (342)205-81-47 Ростов-на-Дону (863)308-18-15 Рязань (4912)46-61-64 Самара (846) 206-03-16 Санкт-Петербург (812)309-46-40 Саратов (845)249-38-78 Севастополь (8692)22-31-93 Симферополь (3652)67-13-56

Казахстан (7172)727-132

Смоленск (4812)29-41-54 Сочи (862)225-72-31 Ставрополь (8652)20-65-13 Сургут (3462)77-98-35 Тверь (4822)63-31-35 Томск (3822)98-41-53 Тула (4872)74-02-29 Тюмень (3452)66-21-18 Ульяновск (8422)24-23-59 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Челябинск (351)202-03-61 Череповец (8202)49-02-64 Ярославль (4852)69-52-93



QDL

High Quality Water Booster Pump Centrifugal Pump Price Jockey Pump

Overview

Quick Details

Brand Name: Lyson

Model Number. LQDL 2-2

Place of Origin: Shanghai, China Pressure: High Pressure

Structure: Multistage Pump Theory: Centrifugal Pump

Usage: Water

Electric Power: Standard or Standard

Fuel: Other

Nonstandard:

Application:

Name:

Material: Stainless Steel

Product name: high pressure pump

Water

220V/380V Voltage: Vertical Type: Color: Black

CE Certificate Certificate: Warranty: One Year DC PUMP

Motor. DC Motor

Feature: **High Efficiency**

Production Description:

Product Introduction:

LQDL/LQDLF consists of a electric motor and a pump head. Motor shaft is connected to pump shaft with coupler. They may be directly installed in horizontal pipeline systems to get compact structures and save space.

Product Application

The LQDL pumps and the LQDLF pumps are multifunctional products, which can be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applied to noncorrosive liquids, and the LQDLF pumps are applied to slightly corrosive liquids.

Specification

Product Name:	LQDL/LQDLF Stainless Steel Vertical Multistage Centrifugal Water Pump
Material:	Cast iron/Stainless Steel
Seal Material:	Graphite/ silicon carbide
Max. Flow:	240m3/h/ 1057GPM
Max. Head:	300m
Max. Pressure:	33bar/479psi
Max.Workingtemperat	120°C/248F
Max. rev:	2950rpm
Motor Power:	0.37kw~132kw
Voltage:	220V.380V
Motor.	AFT, 50hz/60hz
Available Connection:	Flange(EN1092-2,ISO7005-2)
Operated:	Electric
Application Scope:	Water supply, Heating system, Industrial production, fire-fighting system, airconditioning system, Irrigation
Packaging Details:	Wooden box
Delivery details:	7-20 days after receiving payment
Brand:	LYSON or OEM



Electric Vertical Multistage Centrifugal Pump

Overview

Quick Details

Warranty:

2 years OEM

Customized

support:

Brand Name: Lyson

LQDL 15-4 Model Number.

Place of Origin: Shanghai, China

Power Source: 220V/380V

Pressure: High Pressure

Structure: Multistage Pump

220V380V, 220V/380V Voltage:

Water Usage:

Electric Power:

Centrifugal Pump Theory:

Standard or

Standard Nonstandard:

Material: Stainless Steel

Product name: high pressure pump

Vertical Type: Color: Black

Certificate: **CE Certificate**

Production Description:

Product Introduction:

LQDL/LQDLF consists of a electric motor and a pump head. Motor shaft is connected to pump shaft with coupler. They may be directly installed in horizontal pipeline systems to get compact structures and save space.

Product Application

The LQDL pumps and the LQDLF pumps are multifunctional products, which can be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applied to noncorrosive liquids, and the LQDLF pumps are applied to slightly corrosive liquids.

Specification

Product Name:	LQDL/LQDLF Stainless Steel Vertical Multistage Centrifugal Water Pump
Material:	Cast iron/Stainless Steel
Seal Material:	Graphite/ silicon carbide
Max. Flow:	240m3/h/ 1057GPM
Max. Head:	300m
Max. Pressure:	33bar/479psi
Max.Workingtemperature:	120°C/248F
Max. rev:	2950rpm
Motor Power:	0.37kw~132kw
Voltage:	220V,380V
Motor:	AFT, 50hz/60hz
Available Connection:	Flange(EN1092-2,ISO7005-2)
Operated:	Electric
Application Scope:	Water supply, Heating system, Industrial production, fire-fighting system, air-conditioning system,Irrigation
Packaging Details:	Wooden box
Delivery details:	7-20 days after receiving payment
Brand:	LYSON or OEM

LQDL :Suitable for cleaning, non corrosive liquid



LG Series High Quality Long Life High Building Water Supply Equipment

Overview

Quick Details

Brand Name: LYSON
Model Number: LG5-6

Place of Origin: Shanghai, China
Pressure: High Pressure
Structure: Multistage Pump

Theory: Centrifugal Pump

Usage: Water
Power. Electric
Standard or Standard
Nonstandard:

Application: Submersible

Fuel: Electric

Material: Stainless Steel 304

Voltage: 220V/380V

Certificate: ISO9001:2008

Color: Customized Color

Product name: High Pressure Pump

Type: Multistage Submersible Pump

Name: DC PUMP Feature: Long Life

Motor: 100% Copper Wire

MOQ: 1 Pc





LQDL Series High Quality Vertical Multistage Submersible Centrifugal Pump

Overview

Quick Details

Brand Name: LYSON

Model Number: LQDLF1-25

Place of Origin: Shanghai, China (Mainland)

Pressure: High Pressure

Structure: Multistage Pump

Theory: Centrifugal Pump

Usage: Water

Power: Electric

Standard or Standard

Nonstandard:

Application: Submersible

Fuel: Electric

Product name: Centrifugal Water Pump

Material: Stainless Steel 304

Voltage: 220V/380V

Warranty: 1 Year

Type: Multistage Submersible Pump

Color: Customer Required

Motor: DC Motor
Name: DC PUMP

Feature: Long Life

Weight: 48kg

Production Description:

Product Introduction:

LQDL/LQDLF consists of a electric motor and a pump head. Motor shaft is connected to pump shaft with coupler. They may be directly installed in horizontal pipeline systems to get compact structures and save space.

Product Application

The LQDL pumps and the LQDLF pumps are multifunctional products, which can be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applied to noncorrosive liquids, and the LQDLF pumps are applied to slightly corrosive liquids.

Specification

Product Name:	LQDL/LQDLF Stainless Steel Vertical Multistage Centrifugal Water Pump
Material:	Cast iron/Stainless Steel
Seal Material:	Graphite/ silicon carbide
Max. Flow:	240m3/h/ 1057GPM
Max. Head:	300m
Max. Pressure:	33bar/479psi
Max.Workingtemperat	120°C/248F
Max. rev:	2950rpm
Motor Power:	0.37kw~132kw
Voltage:	220V.380V
Motor.	AFT, 50hz/60hz
Available Connection:	Flange(EN1092-2,ISO7005-2)
Operated:	Electric
Application Scope:	Water supply, Heating system, Industrial production, fire-fighting system, airconditioning system,Irrigation
Packaging Details:	Wooden box
Delivery details:	7-20 days after receiving payment
Brand:	LYSON or OEM

LQDL :Suitable for cleaning, non corrosive liquid



QDL Series Stainless Steel Vertical Multistage Pipe Pump Centrifugal Booster Pump

Overview

Quick Details

Customized support:

OEM

Brand Name:

LYSON

Model Number.

QDL2-14

Place of Origin:

Shanghai, China

Power Source:

220V380V

Pressure: Structure: High Pressure Multistage Pump

oti dotai c.

Centrifugal Pump

Theory: Usage:

Water

Power:

Electric

Standard or

Standard

Nonstandard:

Stainless Steel 304

Motor.

Material:

100% Copper Wire

Certificate:

ISO9001:2008

Voltage: Color: 220V/380V

A 1: .:

Black

Application:

water

Product details

Production Description:

Product Introduction:

LQDL/LQDLF consists of a electric motor and a pump head. Motor shaft is connected to pump shaft with coupler. They may be directly installed in horizontal pipeline systems to get compact structures and save space.

Product Application

The LQDL pumps and the LQDLF pumps are multifunctional products, which can be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applied to noncorrosive liquids, and the LQDLF pumps are applied to slightly corrosive liquids.

Specification

Product Name:	LQDL/LQDLF Stainless Steel Vertical Multistage Centrifugal Water Pump
Material:	Cast iron/Stainless Steel
Material.	Cast IIOII/Gtailliess Steel
Seal Material:	Graphite/ silicon carbide
Max. Flow:	240m3/h/ 1057GPM
Max. Head:	300m
Max. Pressure:	33bar/479psi
Max.Workingtemperature:	120°C/248F
Max. rev:	2950rpm
Motor Power:	0.37kw~132kw
Voltage:	220V,380V
Motor:	AFT, 50hz/60hz
Available Connection:	Flange(EN1092-2,ISO7005-2)
Operated:	Electric
Application Scope:	Water supply, Heating system, Industrial production, fire-fighting system, air-conditioning system,Irrigation
Packaging Details:	Wooden box
Delivery details:	7-20 days after receiving payment
Brand:	LYSON or OEM

LQDL :Suitable for cleaning, non corrosive liquid



QDL Series Vertical Multistage Centrifugal Stainless Steel Details Water Pump

Overview

Quick Details

Brand Name: LYSON

Model Number: LQDL12-14

Place of Origin: Shanghai, China
Pressure: High Pressure

Structure: Single-stage Pump

Usage: Water

Application: Metering
Power: Electric
Fuel: Diesel

Theory: Stainless Steel Details Water Pump

Product name: Stainless steel pump QDL/QDLF Details

Standard or Standard Nonstandard:

Material: Stainless Steel 304

Voltage: 220V/380V Certificate: ISO9001

Type: Watering
Warranty: 1 Year
Name: DC PUMP

Color: Black

Description

Production Description:

Product Introduction:

LQDL/LQDLF consists of a electric motor and a pump head. Motor shaft is connected to pump shaft with coupler. They may be directly installed in horizontal pipeline systems to get compact structures and save space.

Product Application

The LQDL pumps and the LQDLF pumps are multifunctional products, which can be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applied to noncorrosive liquids, and the LQDLF pumps are applied to slightly corrosive liquids.

Specification

Product Name:	LQDL/LQDLF Stainless Steel Vertical Multistage Centrifugal Water Pump
Material:	Cast iron/Stainless Steel
Seal Material:	Graphite/ silicon carbide
Max. Flow:	240m3/h/ 1057GPM
Max. Head:	300m
Max. Pressure:	33bar/479psi
Max.Workingtemperat	120°C/248F
Max. rev:	2950rpm
Motor Power:	0.37kw~132kw
Voltage:	220V.380V
Motor.	AFT, 50hz/60hz
Available Connection:	Flange(EN1092-2,ISO7005-2)
Operated:	Electric
Application Scope:	Water supply, Heating system, Industrial production, fire-fighting system, airconditioning system,Irrigation
Packaging Details:	Wooden box
Delivery details:	7-20 days after receiving payment
Brand:	LYSON or OEM

LQDL :Suitable for cleaning, non corrosive liquid



Vertical Multistage Centrifugal Water Booster Electric Multistage Pump

Overview

Quick Details

Warranty: 3 years, 1 Year

Customized

OEM

support:

Brand Name: LYSON

Model Number. 2-4

Place of Origin: Shanghai, China

Application Developing World Water Solutions, Drinking water treatment, Famil...

Horsepower. 2-15hp

Power Source: Electric

Pressure: high pressure, High Pressure

Structure: Multistage Pump

Cable Length: 8

Outlet Size: 50~65 Voltage: 380V

Power: 15kW, Electric

Theory: Centrifugal Pump

Standard or Nonstandard: Standard

Material:

Stainless Steel 304

Usage: Water

Product name: high pressure centrifugal pump

Motor: 100% Copper Wire

Certificate: CE Certificate

Production Description:

Product Introduction:

LQDL/LQDLF consists of a electric motor and a pump head. Motor shaft is connected to pump shaft with coupler. They may be directly installed in horizontal pipeline systems to get compact structures and save space.

Product Application

The LQDL pumps and the LQDLF pumps are multifunctional products, which can be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applied to noncorrosive liquids, and the LQDLF pumps are applied to slightly corrosive liquids.

Product Name:	LQDL/LQDLF Stainless Steel Vertical Multistage Centrifugal Water Pump
Material:	Cast iron/Stainless Steel
Seal Material:	Graphite/ silicon carbide
Max. Flow:	240m3/h/ 1057GPM
Max. Head:	300m
Max. Pressure:	33bar/479psi
Max.Workingtemperat	120°C/248F
Max. rev:	2950rpm
Motor Power.	0.37kw~132kw
Voltage:	220V,380V
Motor.	AFT, 50hz/60hz
Available Connection:	Flange(EN1092-2,IS07005-2)
Operated:	Electric
Application Scope:	Water supply, Heating system, Industrial production, fire-fighting system, airconditioning system,Irrigation
Packaging Details:	Wooden box
Delivery details:	7-20 days after receiving payment
Brand:	LYSON or OEM



Proper Electric Vertical Multi-stage pipeline centrifugal water pump

Overview

Quick Details

Warranty:

3 years

Customized

OEM

support:

Brand Name:

LYSON

Model Number.

20-7

Place of Origin:

China

Application:

 ${\it District Energy, Drinking water treatment, Industrial Utilities, ...}$

Horsepower:

3w

Power Source:

Electric

Pressure:

20bar

Structure:

Multistage Pump

Cable Length:

8m

Outlet Size:

1" 1.25" 1.5" 2" 2.5" 3"

Voltage:

220v/380v, 220V/380V

Power:

3kW

Product name:

LQDL

Material:

Stainless Steel

Motor.

100% Copper Wire

Feature:

Long Life

Certification:

other

item	value
Warranty	3 years
Customized support	OEM
Brand Name	LYSON
Model Number	20-7
Place of Origin	China
Application	District Energy, Drinking water treatment, Industrial Utilities, Water Intake
Horsepower	3w
Power Source	Electric
Pressure	20bar
Structure	Multistage Pump
Cable Length	8m
Outlet Size	1" 1.25" 1.5" 2" 2.5" 3"
Voltage	220v/380v
Power	3kW
Certification	other
Product name	LQDL
Voltage	220V/380V
Material	Stainless Steel
Motor	100% Copper Wire
Feature	Long Life



QDL

Qdl Qdlf Auto Pumps Stainless Steel Veritcals Multistage Ro Booster Pump Water Serial Light-duty Circulator Centrifugal Pump

Overview

Quick Details

Brand Name: LYSON
Model Number: QDL 2-8

Place of Origin: Shanghai, China
Pressure: High Pressure
Structure: Multistage Pump
Theory: Centrifugal Pump

Usage: Water
Power: Electric
Standard or Nonstandard

Standard or Nonstandard:

Fuel: Electric

Application: Water Supply

Color: Black
Material: Cast Iron

Product name: pressure vertical centrifugal

Voltage: 220V/380V
Certificate: CE Certificate
Motor: 100% Copper Wire

Warranty: 1 Year

Feature: High Efficiency

Type: Vertical

Name: Industrial Pump

Production Description:

Product Introduction:

LQDL/LQDLF consists of a electric motor and a pump head. Motor shaft is connected to pump shaft with coupler. They may be directly installed in horizontal pipeline systems to get compact structures and save space.

Product Application

The LQDL pumps and the LQDLF pumps are multifunctional products, which can be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applied to noncorrosive liquids, and the LQDLF pumps are applied to slightly corrosive liquids.

Product Name:	LQDL/LQDLF Stainless Steel Vertical Multistage Centrifugal Water Pump
Material:	Cast iron/Stainless Steel
Seal Material:	Graphite/ silicon carbide
Max. Flow:	240m3/h/ 1057GPM
Max. Head:	300m
Max. Pressure:	33bar/479psi
Max.Workingtemperat	120°C/248F
Max. rev:	2950rpm
Motor Power.	0.37kw~132kw
Voltage:	220V,380V
Motor.	AFT, 50hz/60hz
Available Connection:	Flange(EN1092-2,IS07005-2)
Operated:	Electric
Application Scope:	Water supply, Heating system, Industrial production, fire-fighting system, airconditioning system,Irrigation
Packaging Details:	Wooden box
Delivery details:	7-20 days after receiving payment
Brand:	LYSON or OEM



QDL

Industrial High Pressure Cnp Pump For Ro Plant Vertical Multistage Centrifugal Pump Qdl Qdlf High Pressure Water Pompa

Overview

Quick Details

Brand Name: LYSON

Model Number: QDL 3-11

Place of Origin: Shanghai, China
Pressure: High Pressure
Structure: Multistage Pump
Theory: Centrifugal Pump

Usage: Water
Power: Electric

Standard or Nonstandard:

Nonstandard

Fuel: Electric

Application: Water Supply
Product name: Centrifugal Pump

Material: Cast Iron
Color: Black

Voltage: 220V/380V
Certificate: CE Certificate

Motor: 100% Copper Wire

Warranty: 1 Year

Feature: High Efficiency

Type: Vertical

Name: Industrial Pump

Production Description:

Product Introduction:

LQDL/LQDLF consists of a electric motor and a pump head. Motor shaft is connected to pump shaft with coupler. They may be directly installed in horizontal pipeline systems to get compact structures and save space.

Product Application

The LQDL pumps and the LQDLF pumps are multifunctional products, which can be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applied to noncorrosive liquids, and the LQDLF pumps are applied to slightly corrosive liquids.

Product Name:	LQDL/LQDLF Stainless Steel Vertical Multistage Centrifugal Water Pump
Material:	Cast iron/Stainless Steel
Seal Material:	Graphite/ silicon carbide
Max. Flow:	240m3/h/ 1057GPM
Max. Head:	300m
Max. Pressure:	33bar/479psi
Max.Workingtemperat	120°C/248F
Max. rev:	2950rpm
Motor Power.	0.37kw~132kw
Voltage:	220V,380V
Motor.	AFT, 50hz/60hz
Available Connection:	Flange(EN1092-2,IS07005-2)
Operated:	Electric
Application Scope:	Water supply, Heating system, Industrial production, fire-fighting system, airconditioning system,Irrigation
Packaging Details:	Wooden box
Delivery details:	7-20 days after receiving payment
Brand:	LYSON or OEM



QDL

High Quality Ss304 Vertical Multistage Pump Electric Water Pump Motor Price In India Electric Water Pump For Agriculture Use

Overview

Quick Details

Brand Name: LYSON

Model Number: LQDL 5-7

Place of Origin: Shanghai, China
Pressure: High Pressure

Structure: Other

Theory: Centrifugal Pump

Nonstandard

Usage: Water
Power: Electric

Standard or Nonstandard:

Fuel: Other

Application: Other
Color: Silver

Certificate: ISO9001 CE

Warranty: 1 Year

Material: stainless steel

Motor: 100% Copper Wire

Voltage: 220V/380V Feature: High Flow

Product name: Electric Water Pump For Agriculture Use

Type: Watering
Name: DC PUMP

Production Description:

Product Introduction:

LQDL/LQDLF consists of a electric motor and a pump head. Motor shaft is connected to pump shaft with coupler. They may be directly installed in horizontal pipeline systems to get compact structures and save space.

Product Application

The LQDL pumps and the LQDLF pumps are multifunctional products, which can be used for conveying diversified mediums such as running water and industrial liquids. They are applicable to different temperature ranges, flow ranges, and pressure ranges. The LQDL pumps are applied to noncorrosive liquids, and the LQDLF pumps are applied to slightly corrosive liquids.

Product Name:	LQDL/LQDLF Stainless Steel Vertical Multistage Centrifugal Water Pump
Material:	Cast iron/Stainless Steel
Seal Material:	Graphite/ silicon carbide
Max. Flow:	240m3/h/ 1057GPM
Max. Head:	300m
Max. Pressure:	33bar/479psi
Max.Workingtemperat	120°C/248F
Max. rev:	2950rpm
Motor Power.	0.37kw~132kw
Voltage:	220V,380V
Motor.	AFT, 50hz/60hz
Available Connection:	Flange(EN1092-2,IS07005-2)
Operated:	Electric
Application Scope:	Water supply, Heating system, Industrial production, fire-fighting system, airconditioning system,Irrigation
Packaging Details:	Wooden box
Delivery details:	7-20 days after receiving payment
Brand:	LYSON or OEM

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231 Архангельск (8182)63-90-72 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Волгоград (844)278-03-48 Вологда (8172)26-41-59 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89 Иваново (4932)77-34-06 Ижевск (3412)26-03-58 Иркутск (395)279-98-46 Россия (495)268-04-70

Казань (843)206-01-48 Калининград (4012)72-03-81 Калуга (4842)92-23-67 Кемерово (3842)65-04-62 Киров (8332)68-02-04 Краснодар (861)203-40-90 Красноярск (391)204-63-61 Курск (4712)77-13-04 Липецк (4742)52-20-81 Магнитогорск (3519)55-03-13 Москва (495)268-04-70 Мурманск (8152)59-64-93 Набережные Челны (8552)20-53-41 Нижний Новгород (831)429-08-12

Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81 Новосибирск (383)227-86-73 Омск (3812)21-46-40 Орел (4862)44-53-42 Оренбург (3532)37-68-04 Пенза (8412)22-31-16 Пермь (342)205-81-47 Ростов-на-Дону (863)308-18-15 Рязань (4912)46-61-64 Самара (846) 206-03-16 Санкт-Петербург (812)309-46-40 Саратов (845)249-38-78 Севастополь (8692)22-31-93 Симферополь (3652)67-13-56

Ярославль (4852)69-52-93

Смоленск (4812)29-41-54

Ставрополь (8652)20-65-13

Сочи (862)225-72-31

Сургут (3462)77-98-35

Тверь (4822)63-31-35 Томск (3822)98-41-53

Тула (4872)74-02-29

Уфа (347)229-48-12

Тюмень (3452)66-21-18

Ульяновск (8422)24-23-59

Хабаровск (4212)92-98-04

Челябинск (351)202-03-61

Череповец (8202)49-02-64