

Mine conveyors, belt width 800 mm

Main features

Application

Technical conditions

Receiving capacity, cub.m/min **	10.2	10.2
Conveyor capacity, tons/hour *	520	520
Conveyor length with horizontal installation, m *	270	270
Belt speed, m/s **	2.5	2.5
Installation angle, degrees *	from -10° to +10°	from -3° to +6°
Drive rated capacity, KW **	55	55
Electric chain supply voltage, V *	660/1140	660/1140
Driving drum diameter, mm **	400	400
Diameter of pulley on flight, mm	89	89
Inclination angle of lateral upper pulleys, degrees	30	30
Tension carriage travel, m **	13.7	13.7

Specifications

Application

Technical conditions

Receiving capacity, cub.m/min **	10.2	10.2
Conveyor capacity, tons/hour *	520	520
Conveyor length with horizontal installation, m *	695	1020
Belt speed, m/s **	2.5	2.5
Installation angle, degrees *	From -16° to +18°	From -3° to +18°
Drive rated capacity, KW **	2x55	3x55
Electric chain supply voltage, V *	660/1140	660/1140
Driving drum diameter, mm **	500	500
Diameter of pulley on flight, mm	89	89
Inclination angle of lateral upper pulleys, degrees	30	30
Tension carriage travel, m **	13.7	13.7

1L80U

Designed for transportation of rock mass with coal lump fineness not exceeding 300 mm and rock lump fineness not exceeding 150 mm in the underground workings of coal and shale mines of all categories, including gaseous and dusty mines, rectilinear in plan view.

TU12.44.1017-82

Receiving capacity, cub.m/min **	10.2	10.2
Conveyor capacity, tons/hour *	520	520
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Belt speed, m/s **	2.5	2.5
Installation angle, degrees *	from -10° to +10°	from -3° to +6°
Drive rated capacity, KW **	55	55
Electric chain supply voltage, V *	660/1140	660/1140
Driving drum diameter, mm **	400	400
Diameter of pulley on flight, mm	89	89
Inclination angle of lateral upper pulleys, degrees	30	30
Tension carriage travel, m **	13.7	13.7

1L80U-02

2L80U

Designed for transportation of rock mass with coal lump fineness not exceeding 300 mm and rock lump fineness not exceeding 150 mm in the underground workings of coal and shale mines of all categories, including gaseous and dusty mines, rectilinear in plan view.

TU12.44.1017-82

Receiving capacity, cub.m/min **	10.2	10.2
Conveyor capacity, tons/hour *	520	520
Conveyor length with horizontal installation, m *	695	1020
Belt speed, m/s **	2.5	2.5
Installation angle, degrees *	From -16° to +18°	From -3° to +18°
Drive rated capacity, KW **	2x55	3x55
Electric chain supply voltage, V *	660/1140	660/1140
Driving drum diameter, mm **	500	500
Diameter of pulley on flight, mm	89	89
Inclination angle of lateral upper pulleys, degrees	30	30
Tension carriage travel, m **	13.7	13.7

2L80U-01

Specifications	KL800
Application	Designed for transportation of lump and bulk materials with fineness not exceeding 300 mm rectilinear in plan view, made-to-measure for open-cut extracting and processing enterprises.
Technical conditions	TU3143-065-00165563-2006
Receiving capacity, cub.m/min **	4.0xV
Conveyor capacity, bulk density $\gamma=0.85$; tons/hour *	250
Conveyor length with horizontal installation, m *	60
Belt speed, m/s **	1.6
Installation angle, degrees *	from 0° to +18°
Drive rated capacity, KW **	30
Electric chain supply voltage, V *	380/660
Driving drum diameter, mm **	670
Diameter of pulley on flight, mm	89/108/127
Inclination angle of lateral upper pulleys, degrees	30/35
Tension carriage travel, m **	1

Notes:

* - values subject to customer's requirements

** - values subject to calculations

Designation legend:

1L80U-01:

1 - standard size

L - Belt type

80 - Belt width in cm

U - Unified

01 – Conveyor design

KL800-60 U1

KL - Belt type conveyor

800 - Belt width in mm

60 - Conveyor length in m

U1 - Climatic design