

DESCAFLEX motion 606 UL Servo

6.00 mm² - 300,00 mm²

Extra flexible drag chain Motor cable PVC 0,6/1 kV, UL 10107 CSA

Application

Extra flexible supply cables for connections of motors, in mechanical engineering and machine tool construction, in industrial plants, in drag chains under highest stress, etc..

Operation speed max. 180 m/min, acceleration max. 10 m/s², horizontal chain length max. 15 m.

Construction

Extra flexible bare copper conductors acc. to IEC 60228, class 6
Insulation PVC (and Polyolefine)
Core colour black resp. green-yellow
Sheath PVC black, adhesions-free

Technical Properties

Rated voltage U ₀ /U	600 / 1000 V
Test voltage	4000 V
Insulation resistance	20 MOhm x km
Operating temperature	- 30°C ... + 90°C
- static installation	- 40°C ... + 90°C
Minimum bending radius	6 x cable diameter

Special Characteristics

The cables are largely oil resistant. They are flame retardant according to IEC 60332-1, UL VW-1 and CSA. The PVC outer sheath is extremely suitable to be used in contact with coolants, lubricants and aggressive chemicals and meets the high demands on abrasion, tear and compressive resistance.

Standards / Approvals

UL AWM Style 10107 90°C 600 V
CSA AWM I/II A/B 90°C 600 V FT1

Part Number	Type	n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
- Conductor insulation black (L)					
222934	DESCAFLEX motion 606 Servo	1 x 6,00 L	7.10	58.00	100.00
222936	DESCAFLEX motion 606 Servo	1 x 10,00 L	8.40	96.00	150.00
222938	DESCAFLEX motion 606 Servo	1 x 16,00 L	9.80	154.00	218.00
222940	DESCAFLEX motion 606 Servo	1 x 25,00 L	11.20	240.00	320.00
222942	DESCAFLEX motion 606 Servo	1 x 35,00 L	12.70	336.00	455.00
222944	DESCAFLEX motion 606 Servo	1 x 50,00 L	15.00	480.00	625.00
222946	DESCAFLEX motion 606 Servo	1 x 70,00 L	16.60	672.00	800.00
222948	DESCAFLEX motion 606 Servo	1 x 95,00 L	19.20	912.00	1090.00
222950	DESCAFLEX motion 606 Servo	1 x 120,00 L	22.80	1152.00	1350.00
222952	DESCAFLEX motion 606 Servo	1 x 150,00 L	24.00	1440.00	1750.00
222954	DESCAFLEX motion 606 Servo	1 x 185,00 L	25.80	1776.00	2300.00
222956	DESCAFLEX motion 606 Servo	1 x 240,00 L	29.50	2304.00	2930.00
222958	DESCAFLEX motion 606 Servo	1 x 300,00 L	35.00	2880.00	3590.00
- Conductor insulation green-yellow (PE)					
222935	DESCAFLEX motion 606 Servo	1 x 6,00 PE	7.10	58.00	100.00
222937	DESCAFLEX motion 606 Servo	1 x 10,00 PE	8.40	96.00	150.00
222939	DESCAFLEX motion 606 Servo	1 x 16,00 PE	9.80	154.00	218.00
222941	DESCAFLEX motion 606 Servo	1 x 25,00 PE	11.20	240.00	320.00
222943	DESCAFLEX motion 606 Servo	1 x 35,00 PE	12.70	336.00	455.00
222945	DESCAFLEX motion 606 Servo	1 x 50,00 PE	15.00	480.00	625.00
222947	DESCAFLEX motion 606 Servo	1 x 70,00 PE	16.60	672.00	800.00
222949	DESCAFLEX motion 606 Servo	1 x 95,00 PE	19.20	912.00	1090.00
222951	DESCAFLEX motion 606 Servo	1 x 120,00 PE	22.80	1152.00	1350.00
222953	DESCAFLEX motion 606 Servo	1 x 150,00 PE	24.00	1440.00	1750.00
222955	DESCAFLEX motion 606 Servo	1 x 185,00 PE	25.80	1776.00	2300.00
222957	DESCAFLEX motion 606 Servo	1 x 240,00 PE	29.50	2304.00	2930.00
222959	DESCAFLEX motion 606 Servo	1 x 300,00 PE	35.00	2880.00	3590.00

Packaging

cut to desired length