



Novoflex 7320 SK-TPE UL/CSA

Highly flexible TPE-sheathed motor cable

Specification

STANDARD	VDE 0295, IEC 60228
APPROVALS	UL/CSA 80°C, 1000 V, cULus 80°C, 1000 V
RATED VOLTAGE U ₀ /U	0,6/1kV
RATED VOLTAGE ACC TO. UL/CSA	1000V
CONDUCTOR CLASS	Class 6 = extra fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	TPE
CORE IDENTIFICATION	Black with phase marking
PROTECTIVE CONDUCTOR	Yellow/Green
OUTER SHEATH	TPE
SHEATH COLOUR	Black RAL 9005
BENDING RADIUS FIXED	4 x cable diameter
BENDING RADIUS MOVED	7,5 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-50°C
MAX OPERATING TEMPERATURE FIXED	+90°C
MIN OPERATING TEMPERATURE MOVED	-40°C
MAX OPERATING TEMPERATURE MOVED	+90°C
MAX. SPEED / TRAVEL DISTANCE	10 m/s unsupported, 6 m/s sliding, max 400m
MAX. ACCELERATION	80 m/s ²
TESTING VOLTAGE	4000V

CONDUCTOR RESISTANCE

See technical appendix

FLAME RETARDANT

IEC 60332-1

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
N8460040	4G1,5	7.6	9.7
N8461040	4G2,5	9	15.1
N8462040	4G4,0	10.9	23.2
N8462050	5G4,0	12.1	29.5
N8463040	4G6,0	13.4	34.8
N8463050	5G6,0	15	43.6
N8464040	4G10	17.2	57
N8464050	5G10	19.3	72.1
N8465040	4G16	21.7	90.5
N8465050	5G16	24.3	114
N8466040	4G25	25.4	135.5
N8467040	4G35	31	191.4
N8468040	4G50	36.6	271.5