



ÖLFLEX® TRAIN 9GKW HF



Info

- Meets EN 50264-3-1 type OM
- High temperature resistance : -40°C up to +125°C
- Highly oil- and fuel-resistant



Benefits

- More improved high flexibility than 4GKW and slim diameters enable small bending radii at fixed installation
- Easy to strip and to dismantle & Expanded temperature range
- Resistant to mechanical influences in harsh environmental conditions
- Excellent chemical resistance and high Flammability rating as well
- Reduced formation of toxic gases and fire spreading in the event of fire increase the protection against damage to persons and property

Application range

- For fixed and protected installations inside or outside of railed vehicles and buses
- For connection of stationary and moving parts
- Suitable for cabling of switchboards, converters, panel units and rheostatic braking blocks
- For carrying energy between cars

Product features

- Halogen-free (IEC 60754-1) & No corrosive gases (IEC 60754-2)
- No toxic gases (EN 50305, BS 6853)
- Low smoke density (IEC 61034-2)
- Flame retardant (IEC 60332-1-2)
- No fire spreading (EN 50305, BS6853)

Norm references / Approvals

- EN 50264-3-1, type OM
- BS 6853 (Interior use Ia, Ib, & Exterior use Ia, Ib,)
- BS 6853 (Interior use Ia, Ib, & Exterior use Ia, Ib,)
- Compliant with NFPA 130

Product Make-up

- Conductor : Tinned copper strand, Super fine wired
- Inner Insulation : Electron beam cross-linked polyolefin copolymer, Natural colour
- Outer Insulation : Electron beam cross-linked polyolefin copolymer
- Outer Insulation colour : Black or green-yellow

Technical data

- Conductor stranding**
Fine wired acc. to IEC 60228 class 6
- Minimum bending radius**
Fixed installation : 4 x OD, 3 x OD for careful bending, once at connecting terminal
- Nominal voltage**
U₀/U AC 1.8 / 3.0 kV, U_m AC 3.6kV, V₀ DC 2.7kV
- Temperature range**
Fixed installation : -40°C up to +125°C max.
Occasional flexing : -35°C up to +90°C max.

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX TRAIN 9GKW HF					
85167211	1 X 50	15.1	black	480.0	593
85167212	1 X 70	17.2	black	672.0	804
85167213	1 X 95	19.1	black	912.0	1,036
85167214	1 X 120	21.3	black	1,152.0	1,305
85167215	1 X 150	23.5	black	1,440.0	1,596
85167216	1 X 185	25.3	black	1,776.0	1,928
85167217	1 X 240	28.6	black	2,304.0	2,487
85167218	1 X 300	31.6	black	2,880.0	3,098
85167231	1 X 50	15.1	green-yellow	480.0	593
85167232	1 X 70	17.2	green-yellow	672.0	804
85167233	1 X 95	19.1	green-yellow	912.0	1,036
85167234	1 X 120	21.3	green-yellow	1,152.0	1,305
85167235	1 X 150	23.5	green-yellow	1,440.0	1,596
85167236	1 X 185	25.3	green-yellow	1,776.0	1,928
85167237	1 X 240	28.6	green-yellow	2,304.0	2,487
85167238	1 X 300	31.6	green-yellow	2,880.0	3,098

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.

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APPENDIX