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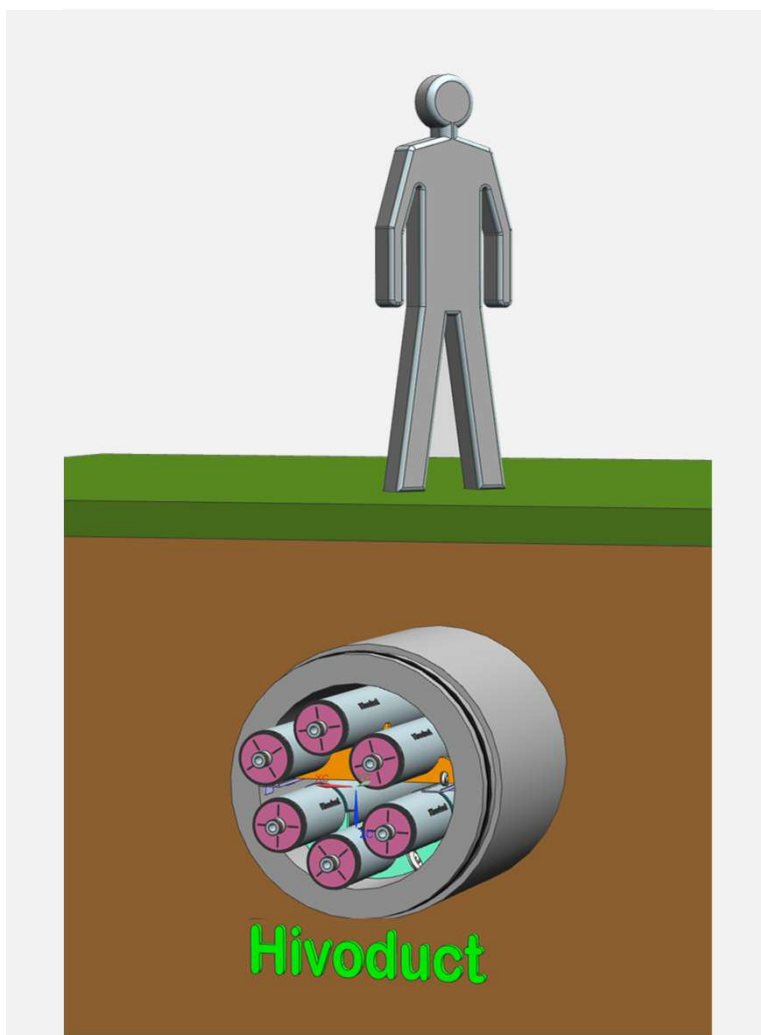
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# Hivoduct

Compatible transmission

« *High-Voltage Duct* »



*SF<sub>6</sub> free*  
*Kompakt*  
*No trenching*  
*Lowest magnetic field*  
*Quick installation*  
*Non-flammable*  
*Less losses*  
*High rated currents*  
*Passive safety*  
*Simple transport*  
*72 kV – 420 kV*

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We reserve the right to change specifications without notice.

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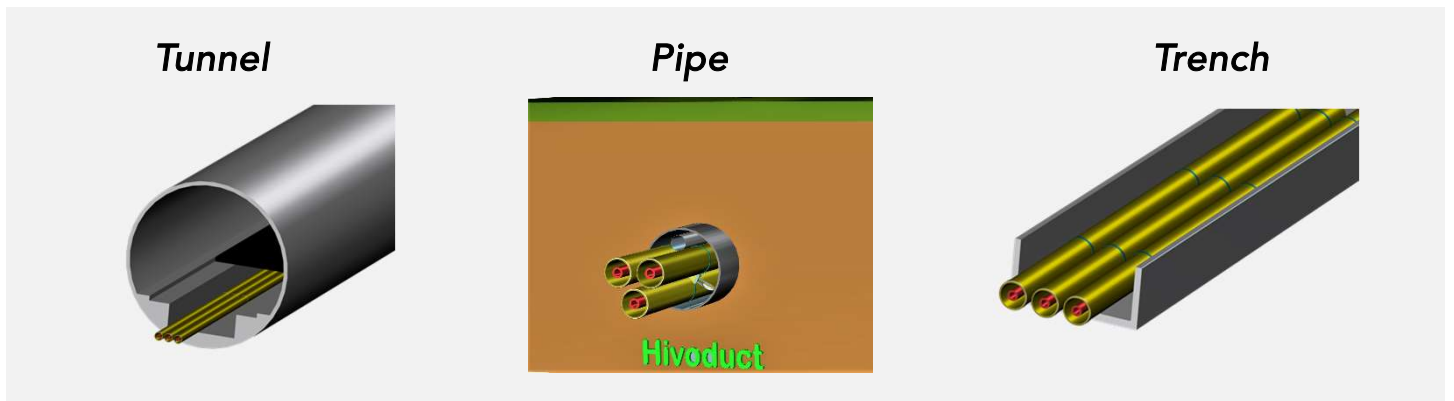
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# Hivoduct

Compatible transmission

## Installation options



## Technical data

	G10	G20	G30
Rated Voltage	72 kV - 170 kV	170 kV - 300 kV	300 kV - 420 kV
Rated Current	2000 - 3150 A	2000 A - 4000 A	2000 A - 5000 A
Transmission Capacity 3ph	900 MW	2'000 MW	3'600 MW
Insulation Medium	Air	Air	Air
Flange sealing	Double sealing	Double sealing	Double sealing
Enclosure design	Single phase	Single phase	Single phase
Weight / 3ph (approx.)	90 kg/m	130 kg/m	170 kg/m
Losses @ 1 kA avg. current (For 3ph per m Length)	32 W/m	25 W/m	18 W/m
Pipe diameter required for 3 phases	630 mm	900 mm	1200mm
Trench Width x Depth for side-by-side phase arrangement (approx.)	1 m x 0.5 m	1.3 m x 0.6 m	1.8 m x 1 m
Transport length, weight	< 6m, <500 kg	< 6m, <700 kg	< 6m, <1100 kg
Earthing method	Solid grounding	Solid grounding	Solid grounding

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