SCHUNK Dextrous Hand 2.0 (SDH 2.0)

**Body Data**
- Overall Length: 253 mm
- Finger Length: 155 mm
- Finger Root Distance: 66 mm
- Factor to Human Hand: 1.4 : 1
- Total Weight: 1.95 kg
- Impermeability (aim): IP 65

**Kinematics**
- Number of Fingers: 3
- DOF (active) total: 7
- DOF (active) per Finger: 2
- DOF (active) 2-Finger-Pivot: 1

**Motion Data**
- Angular Joint Speed max.: 210°/sec
- Moment (Proximal Joint): 2.1 Nm
- Moment (Distal Joint): 1.4 Nm
- Accuracy: 0.011°

**Electronics**
- Voltage: 24 V
- Currency (grasping object): 5 A
- Communication: CAN / Ethernet / RS232

**Sensors**
- Absolute Encoder: 7
- Tactile Sensor Arrays: 6

**Modular Fingers**
- 2 active dof each
- Integrated drives

**Pivoting Joints**
- 2 fingers
- Contrarywise
- 1 active dof

**Modular Joints**
- Distal joint (middle of finger)
- Proximal joint (finger root)

**Tactile Sensor Array**
- In each phalanx

**Body**
- Fully integrated control

**Manipulator Interface**
- EN ISO 9404-1-50 Industrial Standard

**Dimensions**
- 80 mm ≤ Ø ≤ 140 mm
- 17 mm ≤ Ø ≤ 215 mm
- 50 mm ≤ Ø ≤ 145 mm
- 36 mm ≤ b ≤ 205 mm

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