

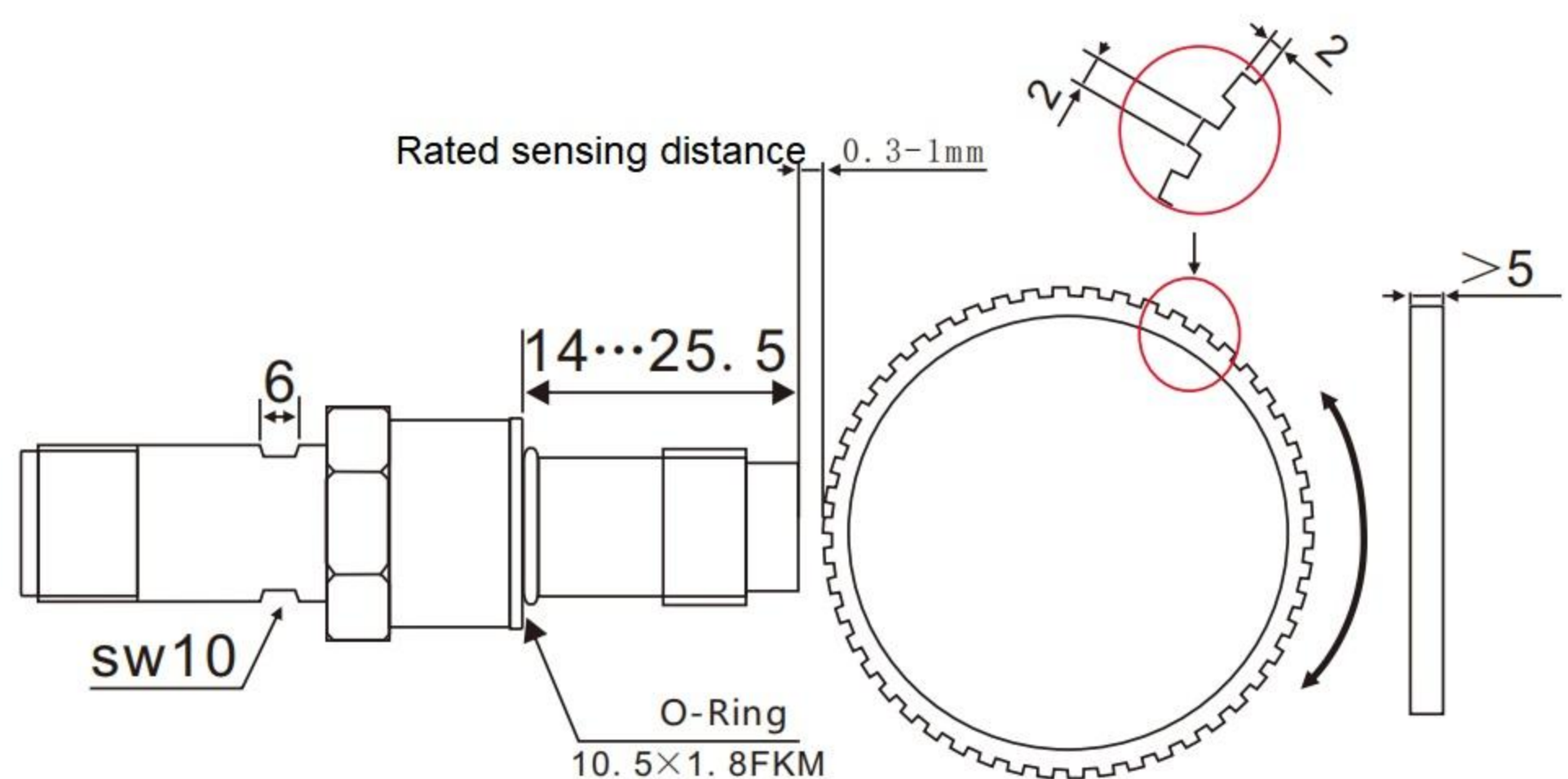
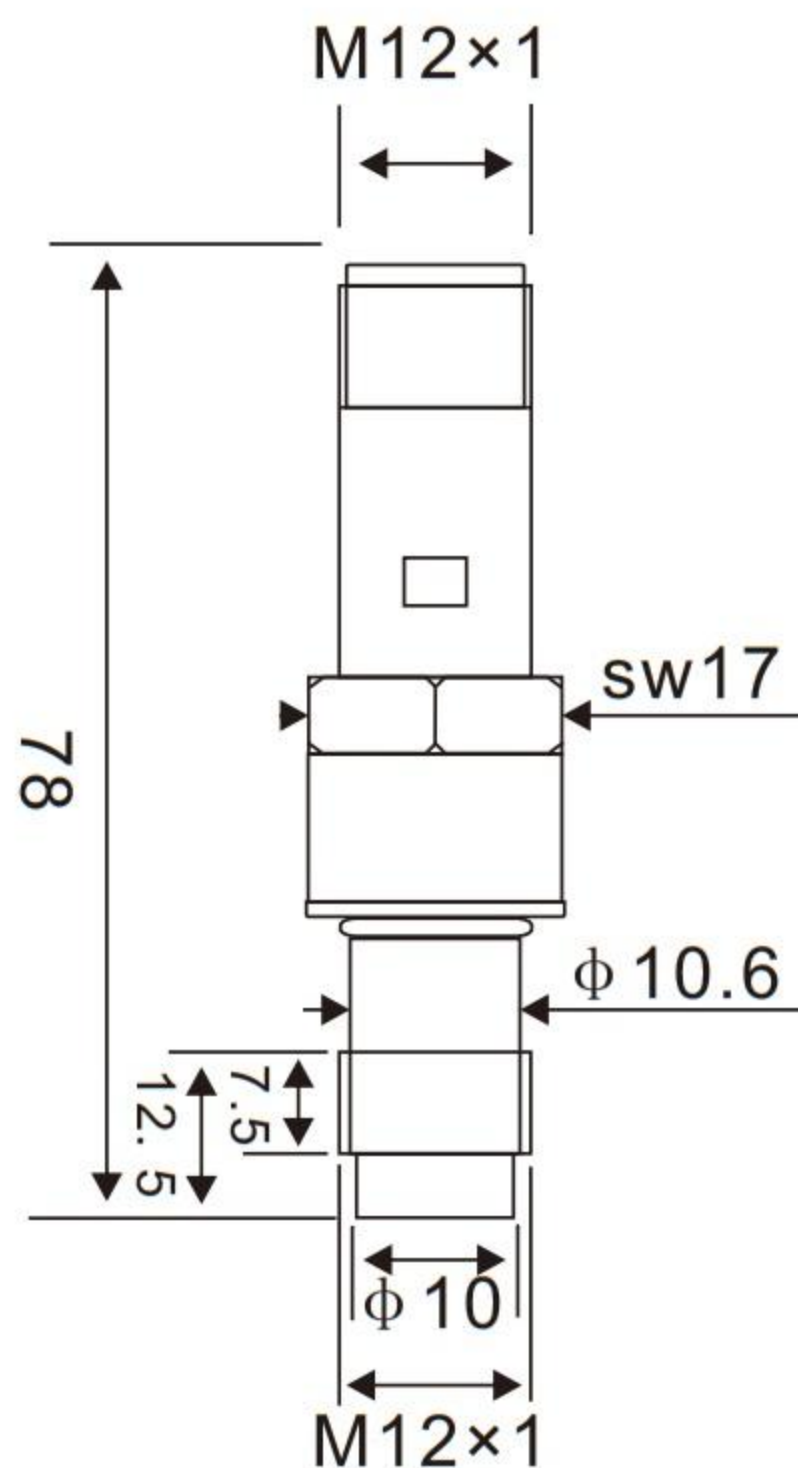
Speed sensor for hydraulic motor

Replace with Danfoss 151-5662 151-5663, M+S RS(Connector BINDER 713 series)

Parameters

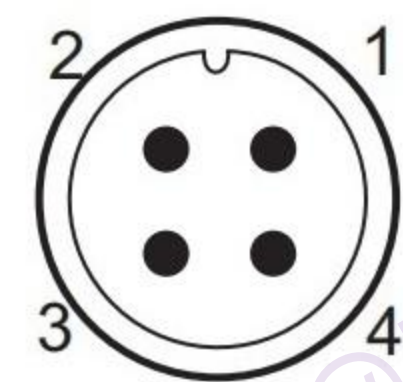
HSPS1801 180* 2/3/4			10	Protection	IP67,IP69K
1	Supply voltage	10...30VDC	11	max.torque	25Nm
2	Rated sensing distance	0.3...1mm	12	Connection	M12 connector
3	Frequency range	0.5Hz...1.5KHz	13	Housing material	Stainless steel
4	Output	Single-channed output	Replacement example		
5	Output singnal	PNP	HPM Model	Danfoss Model refer	M+S Model refer
6	Protection Circuit	Short circuit protection and reversed polarity protection	HSPS 1801	151-5662	RS(Connector BINDER 713 series)
7	Operating temperature	-40°C...+100°C	HSPS 1802	151-5663	RS-2.5(Cable output 3x0,25; 2.5 m long)
8	max.pressure sensor tip	350bar	HSPS 1803		RS-3.5(Cable output 3x0,25; 3.5m long)
9	Isolation strength	500VDC	HSPS 1804		RS-5(Cable output 3x0,25; 5m long)

Dimension&Install



Cable connection
brown:VCC
blue:GND
black:OUT 2

Plug structure
(1)VCC
(3)GND
(4)OUT 2



Hydraulic motor with Speed sensor

Replace with Danfoss EM hydraulic motor
M+S RS hydraulic motor

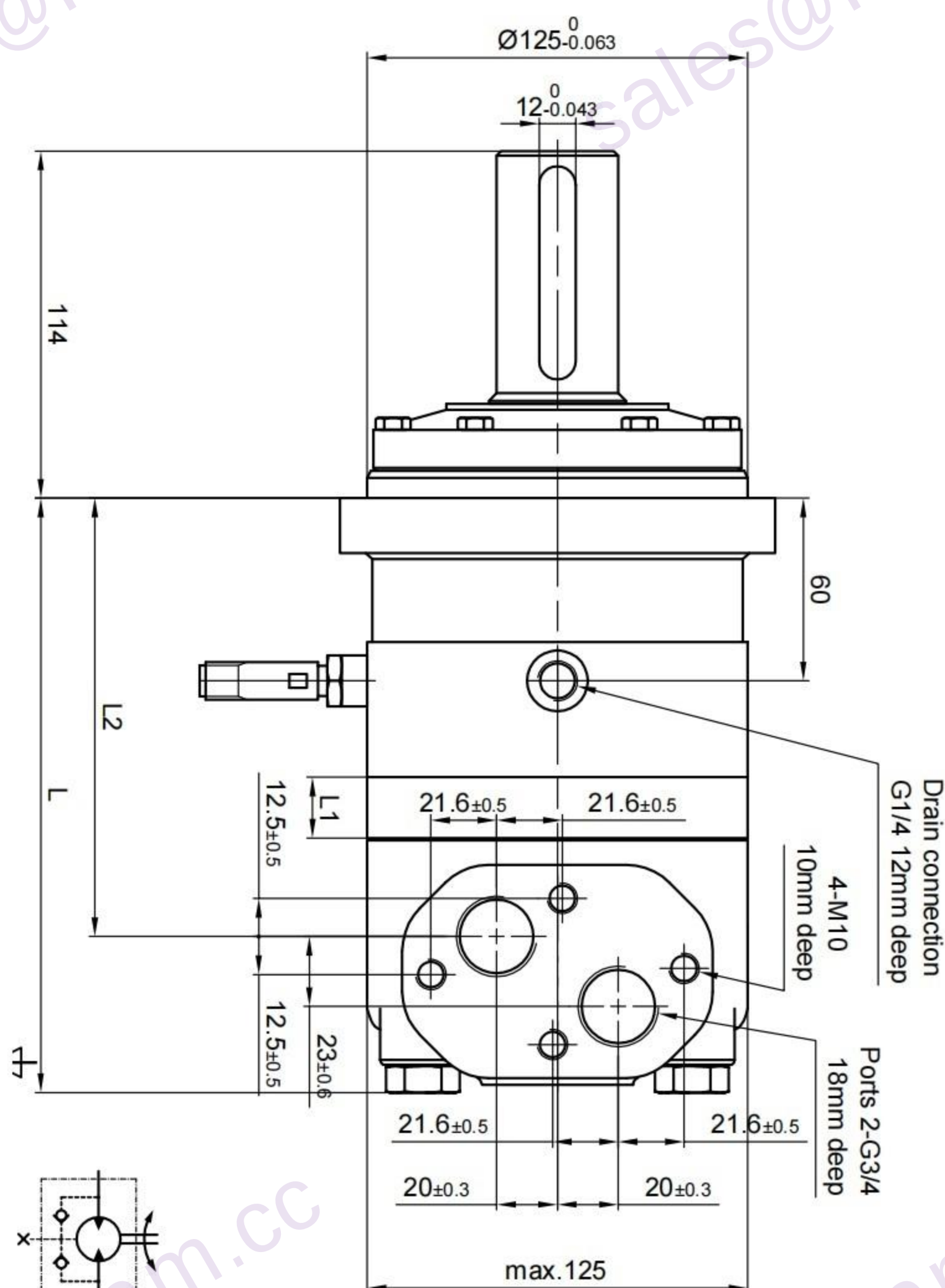
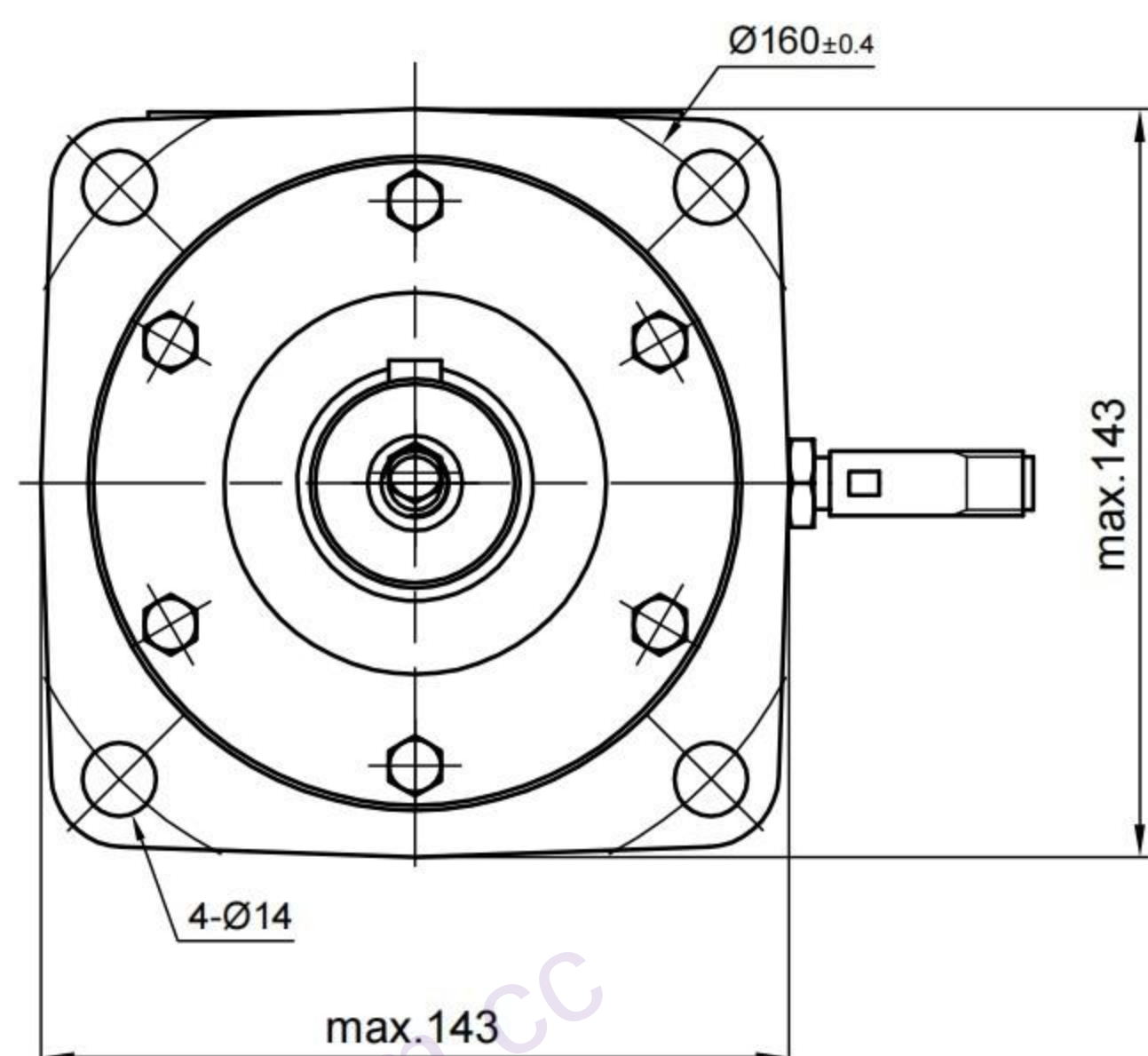
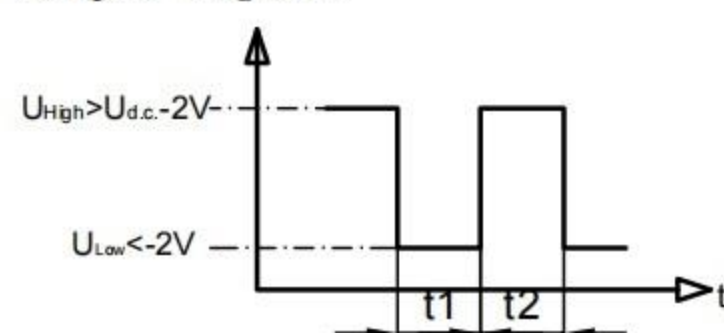
Parameters

Speed sensor (PNP output)			10	Protection	IP67, IP69K
			11	max. torque	25Nm
1	Supply voltage	10...30VDC	12	Connection	M12 connector
2	Rated sensing distance	0.3...1mm	13	Housing material	Stainless steel
3	Frequency range	0.5...15KHz	Replace with Danfoss EM M+S RS		
4	Output	Single-channel	BMM-xx-SPS	OMM EM	MM RS
5	Output signal	PNP	BMP-xx-SPS	OMP EM	MP RS
6	Protection Circuit	Short circuit	BMR-xx-SPS	OMR EM	MR RS
7	Operating temperature	-40°C...+100°C	BMSY-xx-SPS	OMS EM	MS RS
8	max. pressure sensor tip	350bar	BMT-xx-SPS	OMT EM	MT RS
9	Isolation strength	500VDC	BMV-xx-SPS	OMV EM	MV RS

Popular model drawing

BMT-xx-SPS

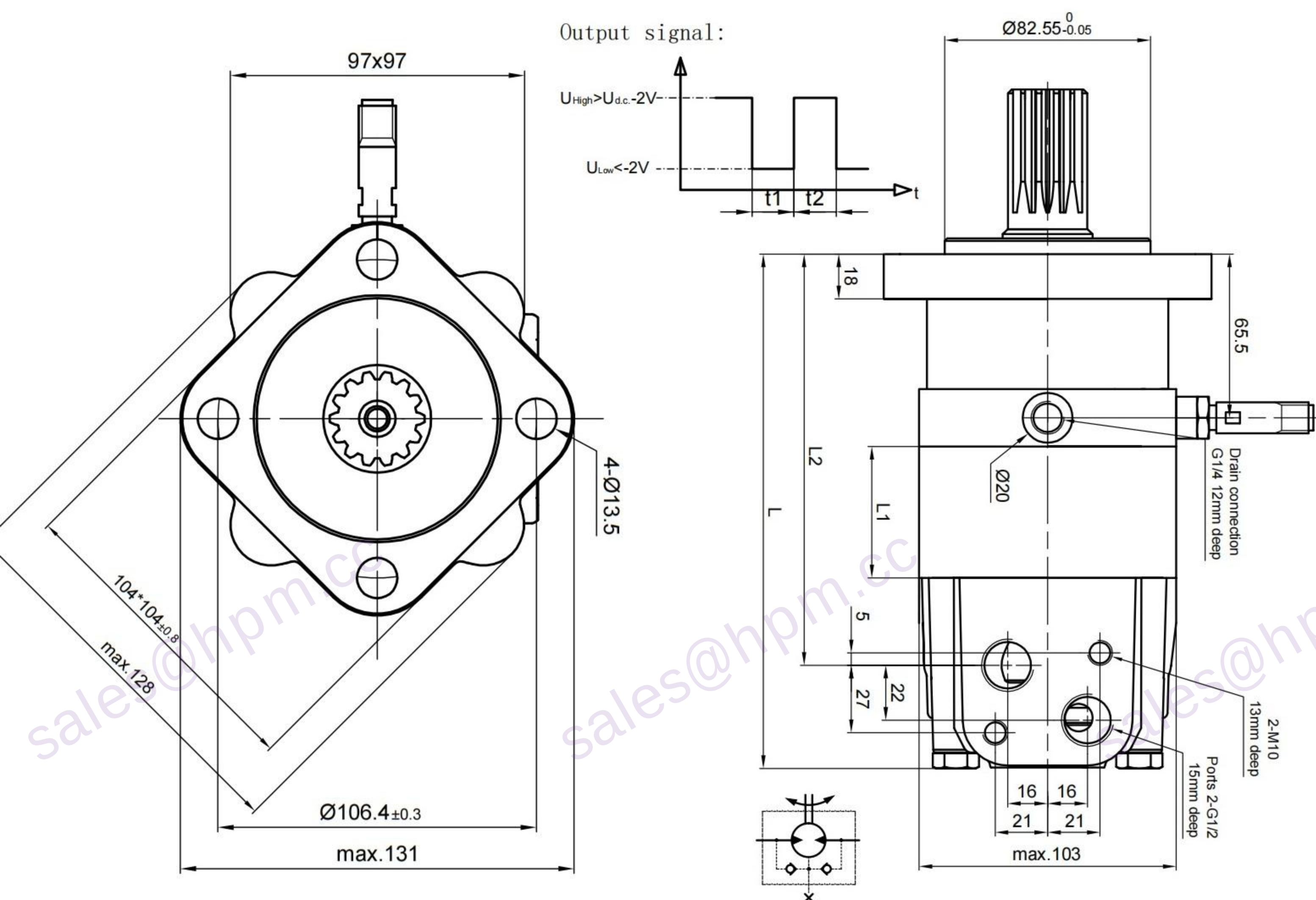
Output signal:



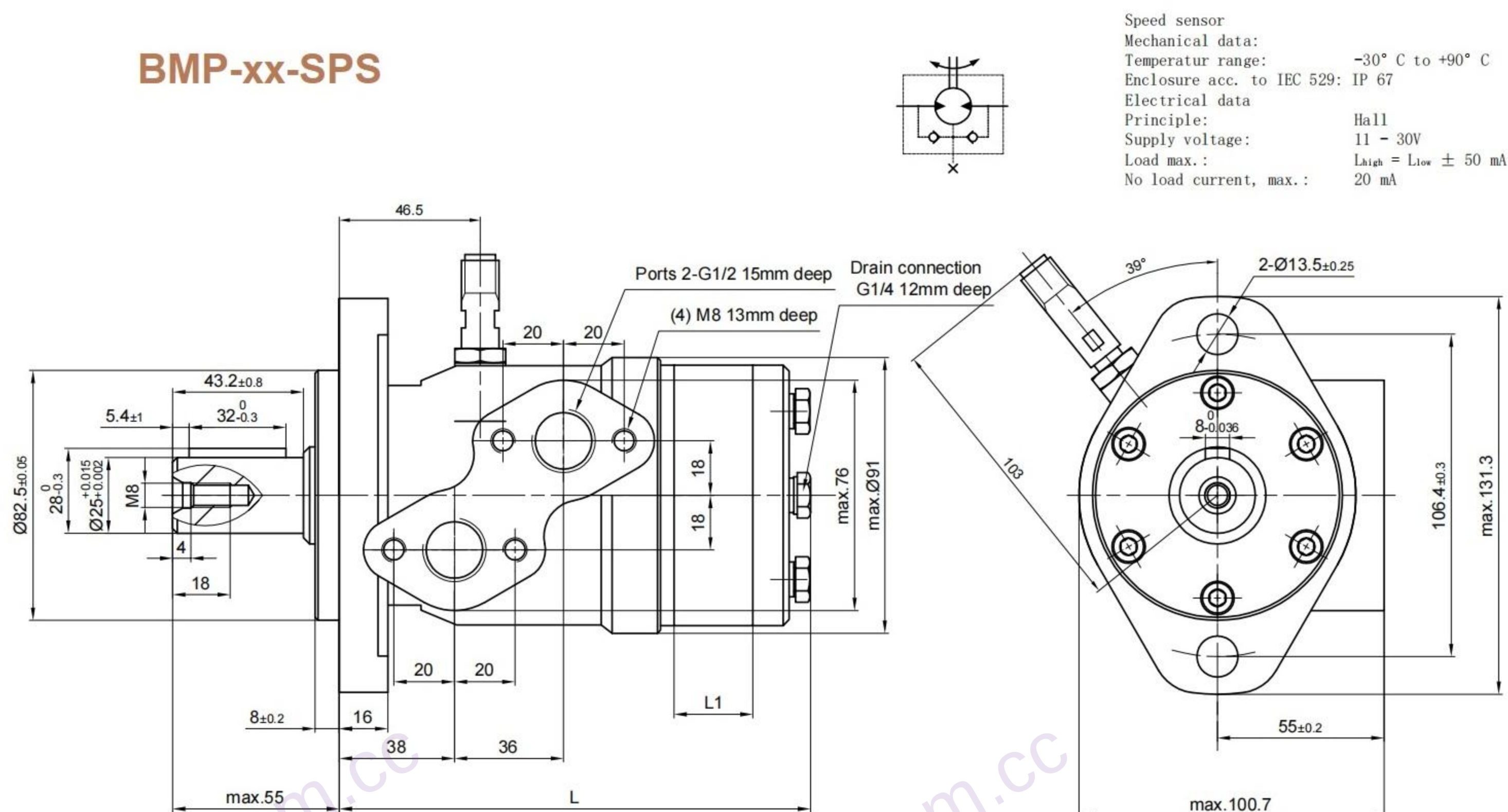
Hydraulic motor with Speed sensor

Popular model drawing

BMSY-xx-SPS



BMP-xx-SPS



Speed sensor
Mechanical data:

Hydraulic Motor with Tacho connection



Replacement:

Item:	Danfoss Model refer	M+S Model refer
BMSY-xx-TC	OMS-T151F0137	MS-xx T
BMT-xx-TC	OMT-T151B0132	MT-xx T
BMV-xx-TC	OMV-T151B0139	MV-xx T

Popular model drawing

BMT-x-4-M-D-C

