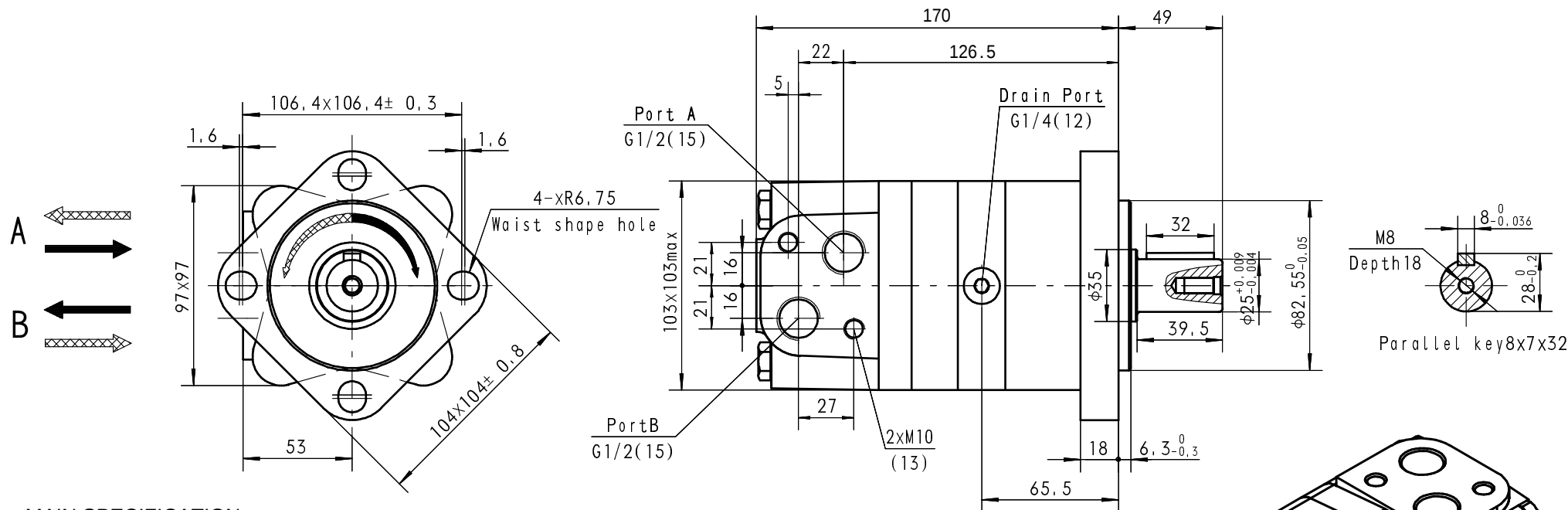




MAIN SPECIFICATION

Type BMSY-80-E4-B-D-B

Geometric displacement(cc/rev)80.6

Max speed (rpm): cont. 800
int. 988

Max torque (Nm): cont. 225
int. 305

Max output (kw): cont. 16
int. 20

Max pressure drop (MPa) cont. 20.5
int. 27.5
peak 29.5

Max flow(L/min): cont. 65
int. 80

Max Inlet pressure (MPa) cont. 25
int. 30

Direction of shaft rotation: Standard

When facing shaft end of motor, shaft to rotate:

Clockwise when port "A" is pressurized,

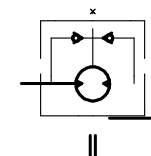
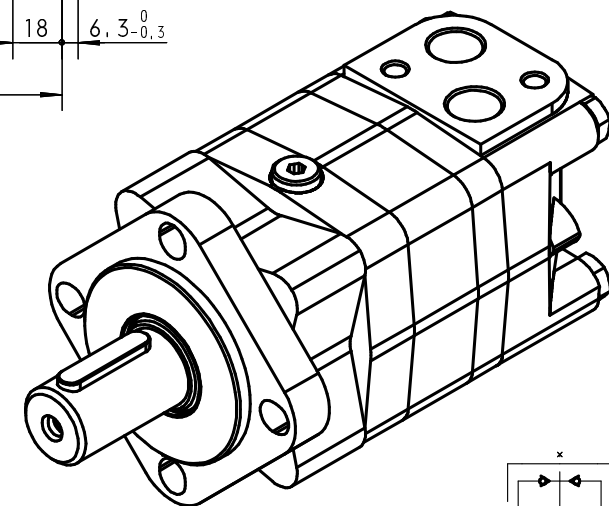
Counter-clockwise when port "B" is pressurized,

B:Black

BMSY80 [80.6cm³/rev.]

Pressure (MPa)

	Max.cont. Max.int.						
	3.5	7	10.5	14	17.5	20.5	22.5
15	35	80	120	158	195	228	249
	180	174	168	164	158	151	143
30	35	80	120	158	195	232	260
	362	352	346	338	330	322	310
40	35	79	119	155	193	227	250
	487	480	468	457	446	438	425
50	30	77	117	153	192	224	248
	612	603	592	581	572	558	542
60	28	77	117	153	192	224	243
	735	726	718	703	687	673	646
65	26	75	116	151	188	217	236
	794	786	773	760	744	722	706
80	24	72	109	142	176	206	227
	981	968	955	925	893	870	832



HGB S.R.L.

BMSY Assembly drawing

BMSY-80-E4-A-D-B

cont.
int.