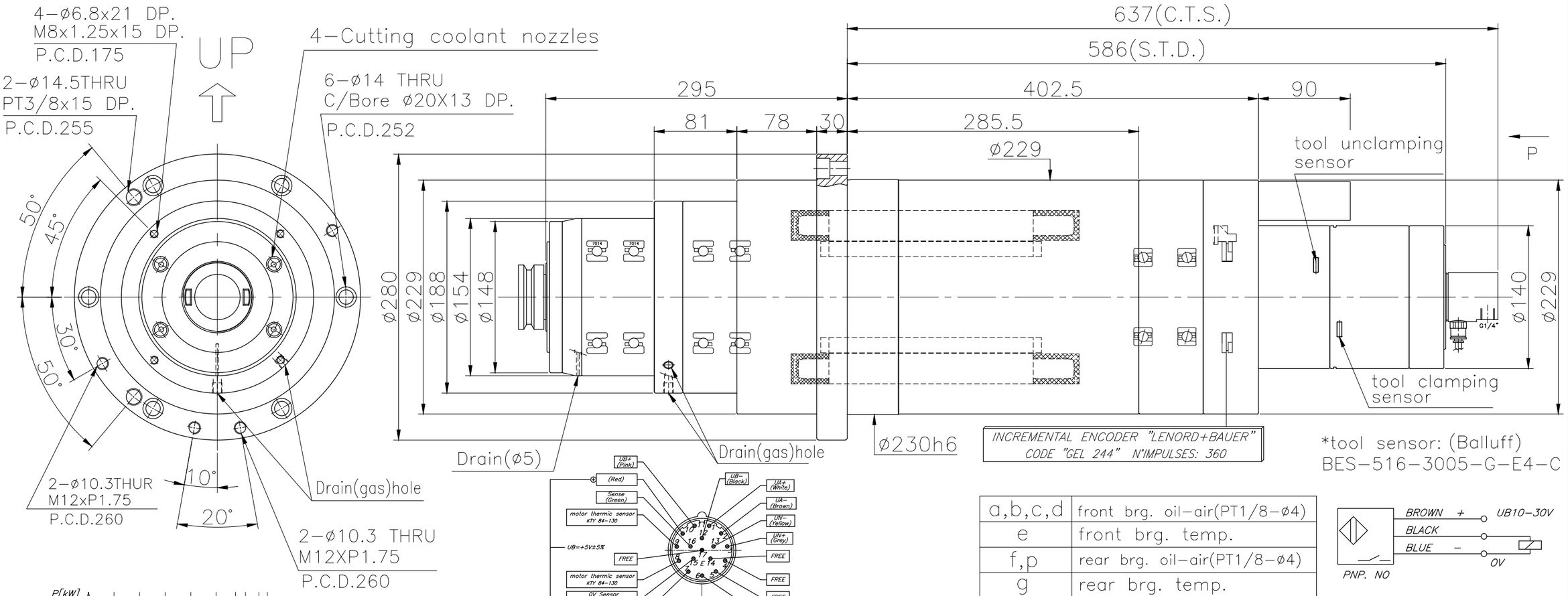

a,b,c,d	front brg. oil−air(PT1/8−ø4)
e	front brg. temp.
f,p	rear brg. oil−air(PT1/8−ø4)
g	rear brg. temp.
h	external coolant(PT1/4−PH1/2)
i	air seal(PT1/8−ø6)
l	oil−air return
m	ground cable
n	cooling in(PT1/4−PH1/2)
o	cooling out(PT1/4−PH1/2)
q	tool unclamping(PT1/4−PH3/8)
r	tool clamping(PT1/4−PH3/8)
s	drainage
t	−Air blower −C.T.S. coolant in
t1	−encoder cable −motor temp. cable
u,v,w	Power cable

Max. speed	15,000rpm
Tool system	BT40
Pull stud	−
Clamping force	1000±100 kgf
Front bearing ID	ø70
Lubrucation	Oir−Air
Cooling system	Water with additive
Oil volume max.	90 cm^3
Hydraulic	45~60 kgf/cm^2
Remark	

Motor number of Pole : 4 pole

Mode of operation		S1/100%				S6/60% ts=2min			
Voltage	V	255	380	380	380	255	380	380	380
Current	A	78	59	50	43	89	65	58	49
Frequency	Hz	100	149	615	667	100	149	575	667
Shaft speed	rpm	2870	4390	18020	19620	2790	4380	16770	19540
Shaft power	kW	25	25	25	22	29	29	29	24
Torque	Nm	83.2	54.4	13.2	10.7	99.3	63.2	16.5	11.7

Motor Losses≒4300 W max.

NOTE: 1.Installation method must in accordance with the drawing upward

ver.	coordinates	Changing content	Modified by	date

PERMISSIBLE MACHING BASIC DIMENSION DEVIATIONS					
>0	>6	>30	>120	>400	>1000
±0.05	±0.10	±0.15	±0.20	±0.30	±0.50
PERMISSIBLE DRILLING BASIC DIMENSION DEVIATIONS					+0.25 −0.05
PERMISSIBLE ANGLE BASIC DIMENSION DEVIATIONS					±0.5°

DRAWN		
DESIGNED		
CHECKED		
MATERIAL		
SCALE	1:4	

setco Precision Solutions

NAME

DWG.NO. 220A030_DIM