



(3)sinamics g120????profibus?profinet????????????????????????????????

(4) ???80%?

(5) ?????????9????????????????????????2????????????????????????????????

(6)?????????mmc??

????????????????????????????????????g120-pm250????????????swe-g120????????????????????  
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??  
??

????????????????

(1)????????10%??  
????????“?????”????????10%????????????????????????????????????

(2)??  
??

(3)??65hz????1/3????????30%????  
??

(4)??  
????????35hz?45hz????????20%????????????????30%?

??  
??????

??????

?????cyjy10-3-53hb ??????

?????y35m1-8 ??????????????????

?????30kw

?????63.4a

?????720rpm

?????50hz

?????s1

?????f

?????152kg/m2



????37hz????????26.8a????????24.5a?

????37hz????????25.7a????????21.55a?

????37hz????????32.6m3d?

????37hz????????36.3m3d?

?3?????????pm250????????????????????

????????4.1 % ?

????????12.04 %?

????????11.35 % ?

?1?????pm250??83.5a????????????????????  
??

?2??20%?30%????????50%????????????  
??

?3???????????????????????? 0.8??  
????????????????????????????????????

????????

??

????????????????????PID??

\*????????????????\*??

\*????????????????\*???60Hz????????400 Hz??

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??

??

???S120??  
SINAMICS S ?????????????????

???S120???

???S120????????????????????????????????????

???S120????????????????????????????????

????????

1.????????????????????????????

????????????????

1 ????????

1 ? DC 24 V ????

1 ??????DCP? DCN?????????

1 ??????DCPA? DCNA?????????

3 ? DRIVE-CLiQ ??

1 ?????????KTY84-130?PTC ? Pt100?

1 ? PE/ ????????

??6SL3244-0BB12-1PA1?????????

???????????????? DC 24 V ?????????????????

2.????????????????????/ ????????? 100 % ????????

????????????????????IGBT??1K?????  
????????????????????-??5-10K????????????????????  
??-??  
??

????????????????????/ ?????????????  
IGBT??

????????????????

1 ????????

1 ? DC 24 V ????

1 ??????DCP? DCN?????????????

1 ??????DCPA? DCNA?????????????

3 ? DRIVE-CLiQ ??

1 ?????????KTY84-130?PTC ? Pt100?

2 ? PE/ ????????

????????????

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???????

??6SL3244-0BB12-1PA1????????????????????k3001?k3016(????????????120)????????????????????  
????P734???????

?DB15.DBW12?DB15.DBW22??P734?W01?W06?B15.DBW0?DB15.DBW11??k3001?k3012?PLC??  
????????????????P734??????PLC????????????????????k3001?k3012????????????????????????????????

???????????????????

1?3??????P0727=2??P700=2,P0701=2,P0702=12,P703=1,

????????????????1,??????????DI1????0??1??0?,????????P1040????????????DI2????0??1??  
0????????????????????????????0?DI3????1??0?,??????????

2??????P0727=3??P700=2,P0701=1,P0702=12,P703=2,

????????????????????1,??????????DI1????0??1??0?,????????P1040????????????DI2???  
0??1??0????????????????????????????????????0?DI3????1??0?,??????

??6SL3244-0BB12-1PA1