06 SLUDGE PUMP MOTOR DATA SHEET

-	Sludge pump motor
-	ABB
-	CHINA
-	3GBA 102 520-ASC M2BAX 100LB 4
-	IEC
kW	3
-	1.0
-	4
R.min-1	1436
V	380
-	3
Hz	50
_	F
	В
	S1
-	
-	Directly
-	CW or CCW
-	No
	Outdoor
-	
-	IP55
-	IP55
	Horizontal
۰C	-20 ~ 40
	Not required
dB (A)	58
	- R.min-1 V - Hz

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(1) Current		
(a) Normal current	A	6.6
(b) No-load current	A	3.5
(c) Starting current	A	47.52
(2) Torque		
(a) Starting torque	%	3.4
(b) Maximum torque	%	3.8
(3) Slip at rated output		
(4) Efficiencies		
(a) At 100% load	%	85.5
(b) At 75% load	%	85.7
(c) At 50% load50%	%	84.6
(d) At 25% load	%	
(5) Power factor		
(a) At rated load	%	81
(b) At starting load	%	54
(6) GD2 coupled with driven equipment	kg-m²	0.00939
(7) Starting time with driven equipment	s	
(8) Allowable number of starts	-	
(a) From cold condition per hour	-	
(b) From hot condition per hour	-	
(c) Minimum time between 2 starts (running state)	min	
(d) Minimum time between 2 starts (stop state)	min	
(9) Allowable locked-rotor time		
(a) At cold condition	S	27
(b) At hot condition	S	15
9. Constructions		
(1) Stator winding connection (Wye / Delta)	-	
(2) Type of bearing (DE / NDE)	-	6206-2Z/C3 - 6205-2Z/C3
(3) Lubricants		

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-	
-	
-	
-	
-	
-	
	NA
m³/h	NA
۰C	
kPa	
-	
m³/h	NA
°C	NA
kPa	NA
-	NA
W	NA
kg	35
-	NA
	NA
-	NA
-	NA
	°C kPa - m³/h °C kPa - W

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(5) Thermal capability curves		NA
(a) At cold condition	-	NA
(b) At hot condition	-	NA
(6) Starting and speed torque characteristics at	-	NA
80%, 90% and 100% voltage		



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