Dutchi Motors B.V. DM1-IE2-200L6 IM B3 /IM1001

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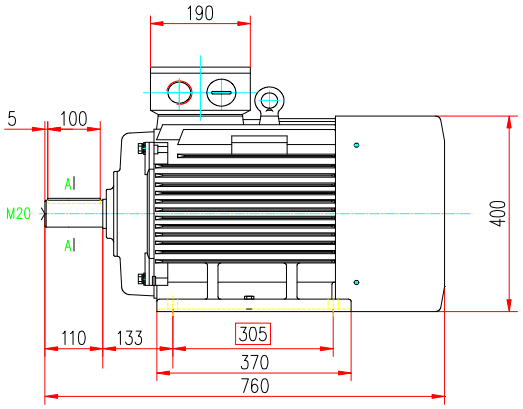

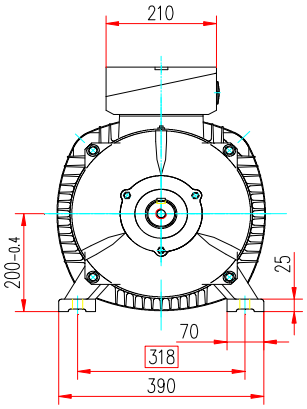

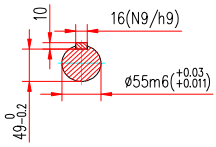

Specification	IEC60034-1				
Manufacturer	Dutchi Motors BV				
Motor type	DM1-IE2-200L6				
Rated power	18,5 kW	S1	Duty		
Speed	980 r.p.m.				
Voltage	400 /	690 V			
Frequency	50 Hz				
Connection	Δ /	Y			
Amps full load	35,1 /	20,2 A			
Amps no load	14,8 A				
Enclosure	IP55				
Insulation class	F (temp. rise B (80 K))				
Max coolant temp.	40 ℃				
Max altitude	1000 m above sea level				
Comment	3 x PTC150℃				
Feature	Cast-iron motor				
Weight	216 kg				
Warranty	12~18 months				

Efficiency class				IE2
Load data	100%	75%	50%	25%
Efficiency	90,7	90,8	89,5	83,7 %
Power factor	0,83	0,79	0,69	0,47

Sound pressure level(1m)	63,8	dB(A)
Resistance R20(open)	0,424	Ω
Resistance R20 Δ	0,283	Ω
Full load torque	179	Nm
DOL Starting torque vs FL torque	2,43	
DOL Pull up torque vs FL torque	1,76	
DOL Pull out torque vs FL torque	3,37	
Star-Delta Starting torque vs FL torque	0,76	
Star-Delta Pull up torque vs FL torque	0,55	
Star-Delta Pull out torque vs FL torque	1,05	
DOL Starting current vs FL current	7,34	
Star-Delta Starting current vs FL current	2,29	
Rotor Inertia [J]	0,397	kgm²
Bearing DE	6312 2Z C3	
Bearing NDE	6312 2Z C3	

WI	Change	date	sign

Dutchi Motors B.V.
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Description	date	sign
generated	31-mrt-10	

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Dutchi Motors B.V. DM1-IE2-200L6 IM B35 /IM2001

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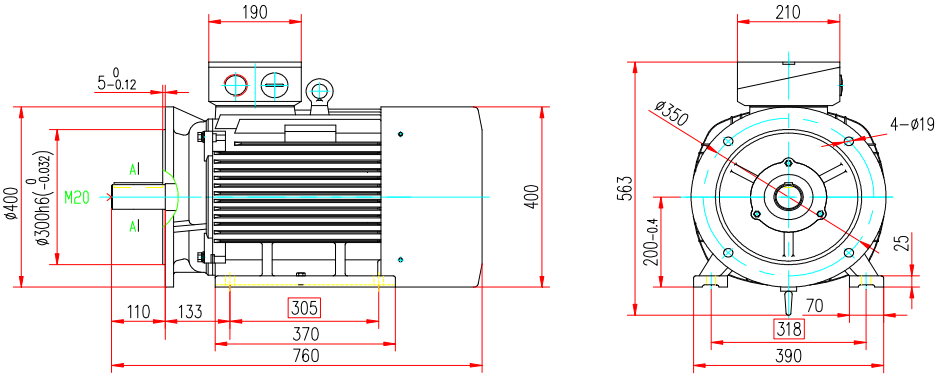

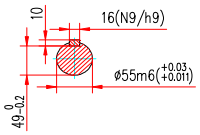

Specification	IEC60034-1					
Manufacturer	Dutchi Motors BV					
Motor type	DM1-IE2-200L6					
Rated power	18,5 kW	S1	Duty			
Speed	980 r.p.m.					
Voltage	400 /	690 V				
Frequency	50 Hz					
Connection	Δ /	Y				
Amps full load	35,1 /	20,2 A				
Amps no load	14,8 A					
Enclosure	IP55					
Insulation class	F (temp. rise B (80 K))					
Max coolant temp.	40 ℃					
Max altitude	1000 m above sea level					
Comment	3 x PTC150℃					
Feature	Cast-iron motor					
Weight	216 kg					
Warranty	12~18 months					

Efficiency class				IE2
Load data	100%	75%	50%	25%
Efficiency	90,7	90,8	89,5	83,7 %
Power factor	0,83	0,79	0,69	0,47

Sound pressure level(1m)	63,8	dB(A)
Resistance R20(open)	0,424	Ω
Resistance R20 Δ	0,283	Ω
Full load torque	179	Nm
DOL Starting torque vs FL torque	2,43	
DOL Pull up torque vs FL torque	1,76	
DOL Pull out torque vs FL torque	3,37	
Star-Delta Starting torque vs FL torque	0,76	
Star-Delta Pull up torque vs FL torque	0,55	
Star-Delta Pull out torque vs FL torque	1,05	
DOL Starting current vs FL current	7,34	
Star-Delta Starting current vs FL current	2,29	
Rotor Inertia [J]	0,397	kgm²
Bearing DE	6312 2Z C3	
Bearing NDE	6312 2Z C3	

WI	Change	date	sign

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Dutchi Motors B.V. DM1-IE2-200L6 IM B5 /IM3001

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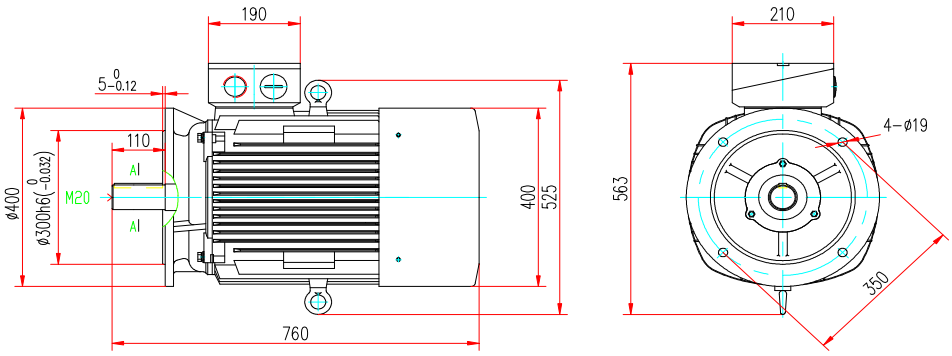

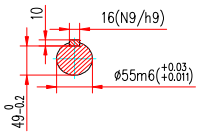

Specification	IEC60034-1				
Manufacturer	Dutchi Motors BV				
Motor type	DM1-IE2-200L6				
Rated power	18,5 kW	S1	Duty		
Speed	980 r.p.m.				
Voltage	400 /	690 V			
Frequency	50 Hz				
Connection	Δ /	Y			
Amps full load	35,1 /	20,2 A			
Amps no load	14,8 A				
Enclosure	IP55				
Insulation class	F (temp. rise B (80 K))				
Max coolant temp.	40 ℃				
Max altitude	1000 m above sea level				
Comment	3 x PTC150℃				
Feature	Cast-iron motor				
Weight	216 kg				
Warranty	12~18 months				

Efficiency class				IE2
Load data	100%	75%	50%	25%
Efficiency	90,7	90,8	89,5	83,7 %
Power factor	0,83	0,79	0,69	0,47

Sound pressure level(1m)	63,8	dB(A)
Resistance R20(open)	0,424	Ω
Resistance R20 Δ	0,283	Ω
Full load torque	179	Nm
DOL Starting torque vs FL torque	2,43	
DOL Pull up torque vs FL torque	1,76	
DOL Pull out torque vs FL torque	3,37	
Star-Delta Starting torque vs FL torque	0,76	
Star-Delta Pull up torque vs FL torque	0,55	
Star-Delta Pull out torque vs FL torque	1,05	
DOL Starting current vs FL current	7,34	
Star-Delta Starting current vs FL current	2,29	
Rotor Inertia [J]	0,397	kgm²
Bearing DE	6312 2Z C3	
Bearing NDE	6312 2Z C3	

WI	Change	date	sign

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Dutchi Motors B.V. DM1-IE2-200L6 IM V1 /IM3011

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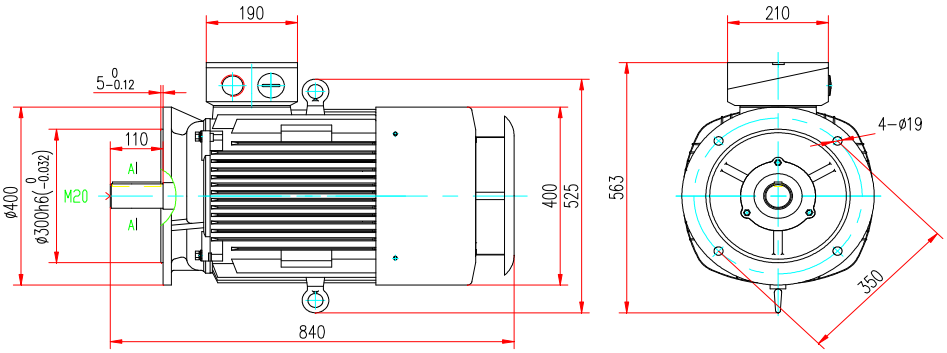

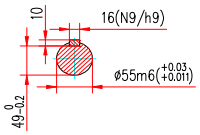

Specification	IEC60034-1				
Manufacturer	Dutchi Motors BV				
Motor type	DM1-IE2-200L6				
Rated power	18,5 kW	S1	Duty		
Speed	980 r.p.m.				
Voltage	400 /	690 V			
Frequency	50 Hz				
Connection	Δ /	Y			
Amps full load	35,1 /	20,2 A			
Amps no load	14,8 A				
Enclosure	IP55				
Insulation class	F (temp. rise B (80 K))				
Max coolant temp.	40 ℃				
Max altitude	1000 m above sea level				
Comment	3 x PTC150℃				
Feature	Cast-iron motor				
Weight	216 kg				
Warranty	12~18 months				

Efficiency class				IE2
Load data	100%	75%	50%	25%
Efficiency	90,7	90,8	89,5	83,7 %
Power factor	0,83	0,79	0,69	0,47

Sound pressure level(1m)	63,8	dB(A)
Resistance R20(open)	0,424	Ω
Resistance R20 Δ	0,283	Ω
Full load torque	179	Nm
DOL Starting torque vs FL torque	2,43	
DOL Pull up torque vs FL torque	1,76	
DOL Pull out torque vs FL torque	3,37	
Star-Delta Starting torque vs FL torque	0,76	
Star-Delta Pull up torque vs FL torque	0,55	
Star-Delta Pull out torque vs FL torque	1,05	
DOL Starting current vs FL current	7,34	
Star-Delta Starting current vs FL current	2,29	
Rotor Inertia [J]	0,397	kgm²
Bearing DE	6312 2Z C3	
Bearing NDE	6312 2Z C3	

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