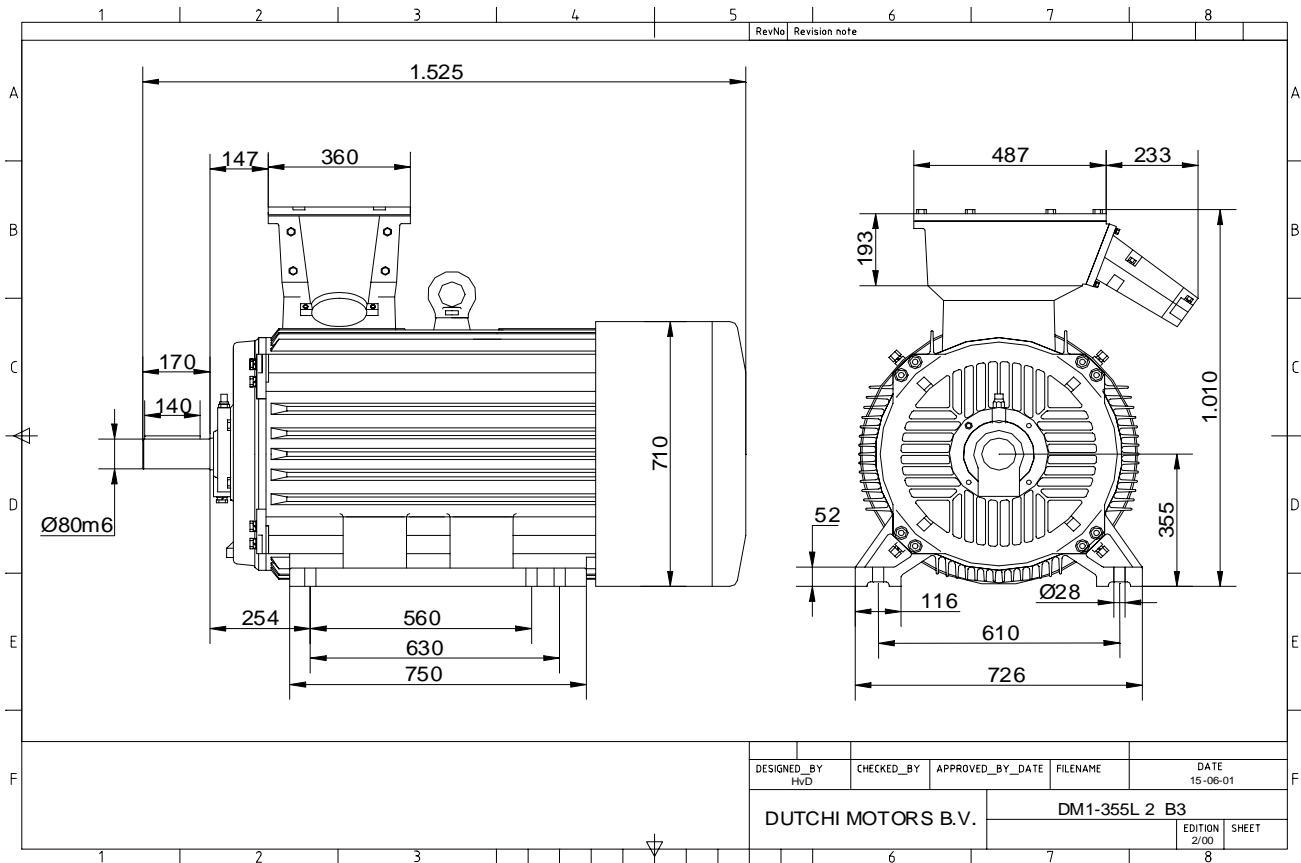


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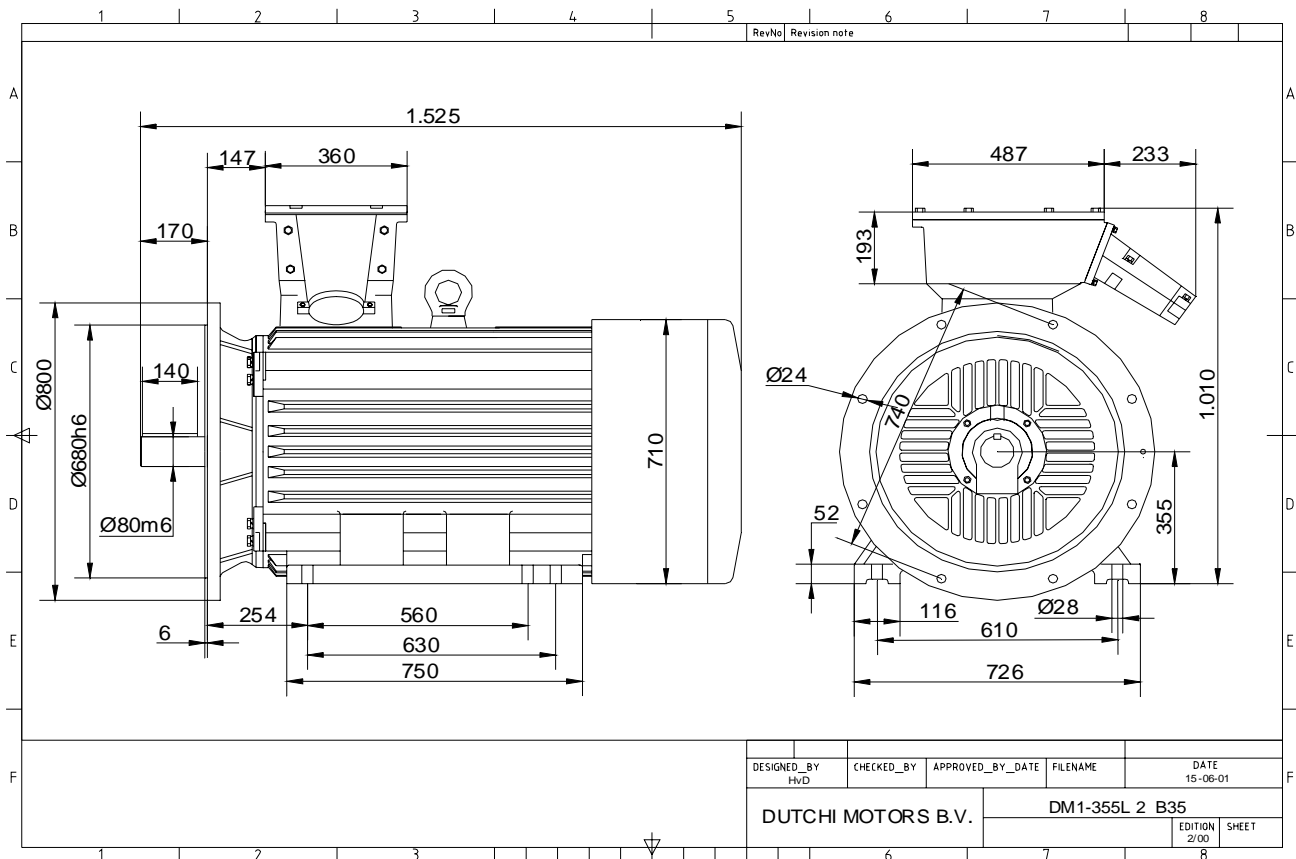


Specification	IEC 60034-1
Manufacturer	Dutchi Motors B.V.
Motor type	DM1- 355 L2
Rated power	280 kW S1 duty
Speed	2970 r.p.m
Voltage	400 / 690 V
Frequency	50 Hz
Connection	Δ / Y
Amps full load	470 / 271 A
Amps no-load(400V)	76 A
Enclosure	IP 55
Insulation Class	F (temp. rise B (80 K))
Max. coolant temp.	40°C
Max. altitude	1.000 mtr, above sea level
Comment	3 x PTC 150°C
Cable entries	2 x Ø 70 mm + 1 x M20x1,5 (ptc)
Feature	Cast-iron motor
Weight	1850 kg
Catalog no.	11132C80D
Warranty	12~18 months

Efficiency class	N/A			
Load data	100%	75%	50%	25%
Efficiency	95,5	95,2	94,2	90,1 %
Power factor	0,90	0,92	0,90	0,77
Sound pressure level (1m)				85,8 dB(A)
Resistance R20 (open)				0,00772 Ω
Resistance R20	Δ			0,00515 Ω
Full load torque				900 Nm
DOL Starting torque vs FL torque				1,55
DOL Pull up torque vs FL torque				1,18
DOL Pull out torque vs FL torque				2,64
Star-Delta Starting torque vs FL torque				0,49
Star-Delta Pull up torque vs FL torque				0,37
Star-Delta Pull out torque vs FL torque				0,83
DOL Starting current vs FL current				5,21
Star Delta Starting current vs FL current				1,63
Rotor Inertia				3,849 kgm ²
Bearing DE				6317 - C3 or NU317
Bearing NDE				6317 - C3 (IM V1 7317B)

WI	Change	date	sign.
Dutchi Motors B.V.		Discription	date
P.O. Box 5390		Drawing made by :	27-04-04
NL-6802 EJ ARNHEM			
Tel : +31-(0)26 - 3541 600		dutchi.motors@dutchi.nl	
Fax : +31-(0)26 - 3541 650		www.dutchi.com	

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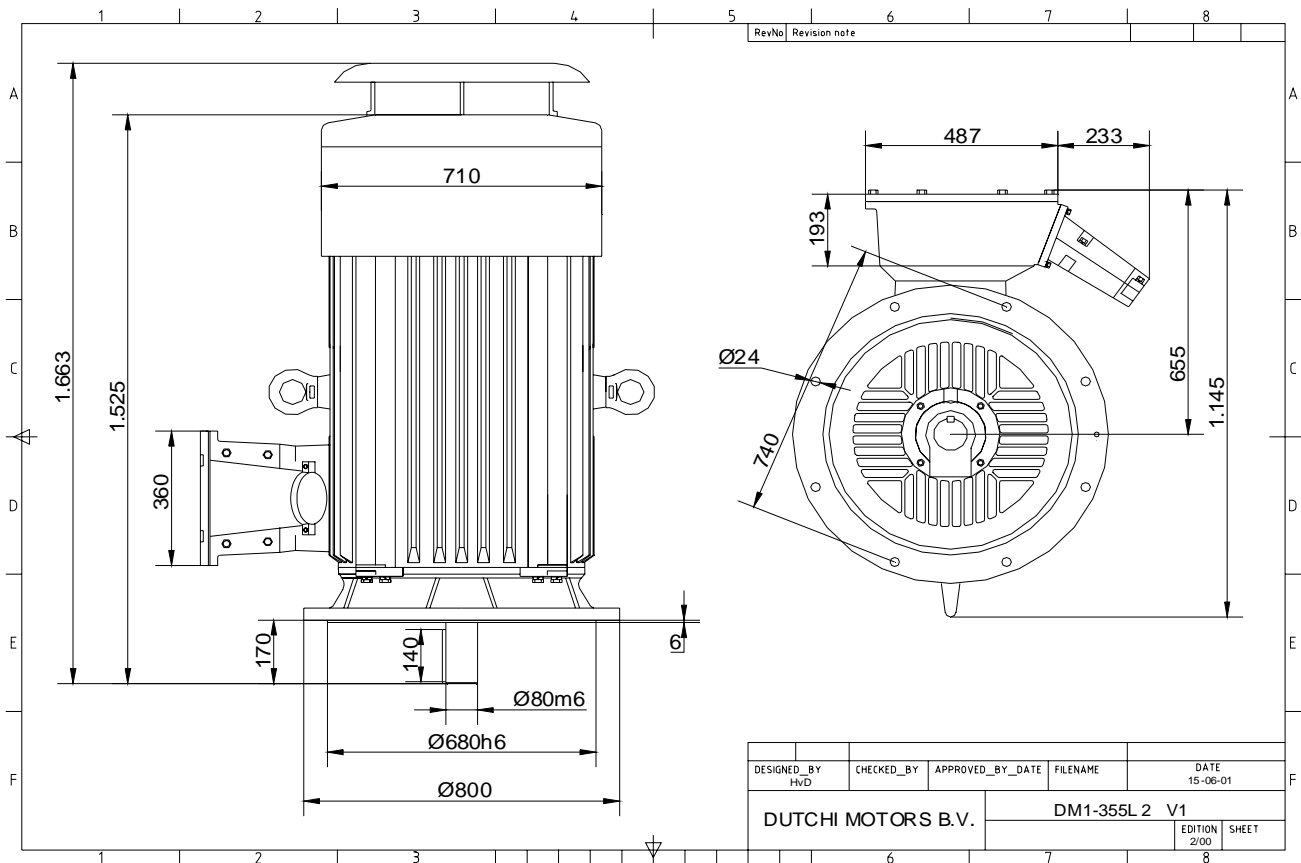
DESIGNED_BY HvD	CHECKED_BY	APPROVED_BY_DATE	FILENAME	DATE 15-06-01
DUTCHI MOTORS B.V.			DM1-355L 2 B35	EDITION 2/00
				SHEET

Specification	IEC 60034-1
Manufacturer	Dutchi Motors B.V.
Motor type	DM1- 355 L2
Rated power	280 kW S1 duty
Speed	2970 r.p.m
Voltage	400 / 690 V
Frequency	50 Hz
Connection	Δ / Y
Amps full load	470 / 271 A
Amps no-load(400V)	76 A
Enclosure	IP 55
Insulation Class	F (temp. rise B (80 K))
Max. coolant temp.	40°C
Max. altitude	1.000 mtr, above sea level
Comment	3 x PTC 150°C
Cable entries	2 x Ø 70 mm + 1 x M20x1,5 (ptc)
Feature	Cast-iron motor
Weight	1850 kg
Catalog no.	11532C80D
Warranty	12~18 months

Efficiency class	N/A			
Load data	100%	75%	50%	25%
Efficiency	95,5	95,2	94,2	90,1 %
Power factor	0,90	0,92	0,90	0,77
Sound pressure level (1m)				85,8 dB(A)
Resistance R20 (open)				0,00772 Ω
Resistance R20	Δ			0,00515 Ω
Full load torque				900 Nm
DOL Starting torque vs FL torque				1,55
DOL Pull up torque vs FL torque				1,18
DOL Pull out torque vs FL torque				2,64
Star-Delta Starting torque vs FL torque				0,49
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Star-Delta Pull out torque vs FL torque				0,83
DOL Starting current vs FL current				5,21
Star Delta Starting current vs FL current				1,63
Rotor Inertia				3,849 kgm ²
Bearing DE				6317 - C3 or NU317
Bearing NDE				6317 - C3 (IM V1 7317B)

WI	Change	date	sign.
Dutchi Motors B.V. P.O. Box 5390 NL-6802 EJ ARNHEM Tel : +31-(0)26 - 3541 600 Fax : +31-(0)26 - 3541 650		Discription Drawing made by :	date 27-04-04
dutchi.motors@dutchi.nl www.dutchi.com		sign. HvD	

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Specification	IEC 60034-1
Manufacturer	Dutchi Motors B.V.
Motor type	DM1- 355 L2
Rated power	280 kW S1 duty
Speed	2970 r.p.m
Voltage	400 / 690 V
Frequency	50 Hz
Connection	Δ / Y
Amps full load	470 / 271 A
Amps no-load(400V)	76 A
Enclosure	IP 55
Insulation Class	F (temp. rise B (80 K))
Max. coolant temp.	40°C
Max. altitude	1.000 mtr, above sea level
Comment	3 x PTC 150°C
Cable entries	2 x Ø 70 mm + 1 x M20x1,5 (ptc)
Feature	Cast-iron motor
Weight	1850 kg
Catalog no.	11032C80D
Warranty	12~18 months

Efficiency class	N/A			
Load data	100%	75%	50%	25%
Efficiency	95,5	95,2	94,2	90,1 %
Power factor	0,90	0,92	0,90	0,77
Sound pressure level (1m)				85,8 dB(A)
Resistance R20 (open)				0,00772 Ω
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Rotor Inertia				3,849 kgm ²
Bearing DE				6317 - C3 or NU317
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WI	Change	date	sign.
Dutchi Motors B.V. P.O. Box 5390 NL-6802 EJ ARNHEM Tel : +31-(0)26 - 3541 600 Fax : +31-(0)26 - 3541 650		Discription Drawing made by :	date 27-04-04 sign. Hvd
		dutchi.motors@dutchi.nl www.dutchi.com	