

S20F-P

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2 POLE
1 PHASE
IP 23

CHARACTERISTICS

50 Hz

Type	115/230V 50Hz 3000 RPM									
	kVA	η 2/4 1 p.f.	η 3/4 1 p.f.	η 4/4 1 p.f.	T.H.D.	Air volume	Noise		Weight	J
	CL. H	%	%	%	%	m³/min	7m dBA	1m dBA	Kg	Kgm²
S20FS-130	8,5	76,5	79,2	79	< 4	4,5	63	81	41,7	0,0219
S20FS-160	10	76,7	79,4	79,2	< 4	4,7	63	81	48,7	0,0261
S20F-200	12	77,5	80,4	80,3	< 4	4,7	63	81	56,5	0,0306
S20F-230	13	79,2	82,3	82,1	< 4	4,6	63	81	60	0,0335

60 Hz

Type	120/240V 60Hz 3600 RPM									
	kVA	η 2/4 1 p.f.	η 3/4 1 p.f.	η 4/4 1 p.f.	T.H.D.	Air volume	Noise		Weight	J
	CL. H	%	%	%	%	m³/min	7m dBA	1m dBA	Kg	Kgm²
S20FS-130	10,5	76,5	79,6	79,4	< 4	5,4	65	83	41,7	0,0219
S20FS-160	12	76,7	79,8	79,6	< 4	5,7	65	83	48,7	0,0261
S20F-200	14,4	77,8	80,9	80,8	< 4	5,7	65	83	56,5	0,0306
S20F-230	15,5	79,7	82,8	82,7	< 4	5,6	65	83	60	0,0335

Type	3000 RPM 115-230V 50 Hz				3600 RPM 120-240V 60 Hz				Capacitor test absorption		
	kVA	Stator Ω	Rotor Ω	Exciting Ω	kVA	Stator Ω	Rotor Ω	Exciting Ω	µF	I ac 230V	I ac 240V
S20FS-130	8,5	0,205	5,75	1,56	10,5	0,150	5,75	1,25	25	1,8	2,3
S20FS-160	10	0,175	6,6	0,82	12	0,124	6,6	0,6	31,5	2,3	2,8
S20F-200	12	0,133	7,54	0,65	14,4	0,077	7,54	0,44	35	2,5	3,2
S20F-230	13	0,079	8,1	0,64	15,5	0,056	8,0	0,41	40,0	2,9	3,6

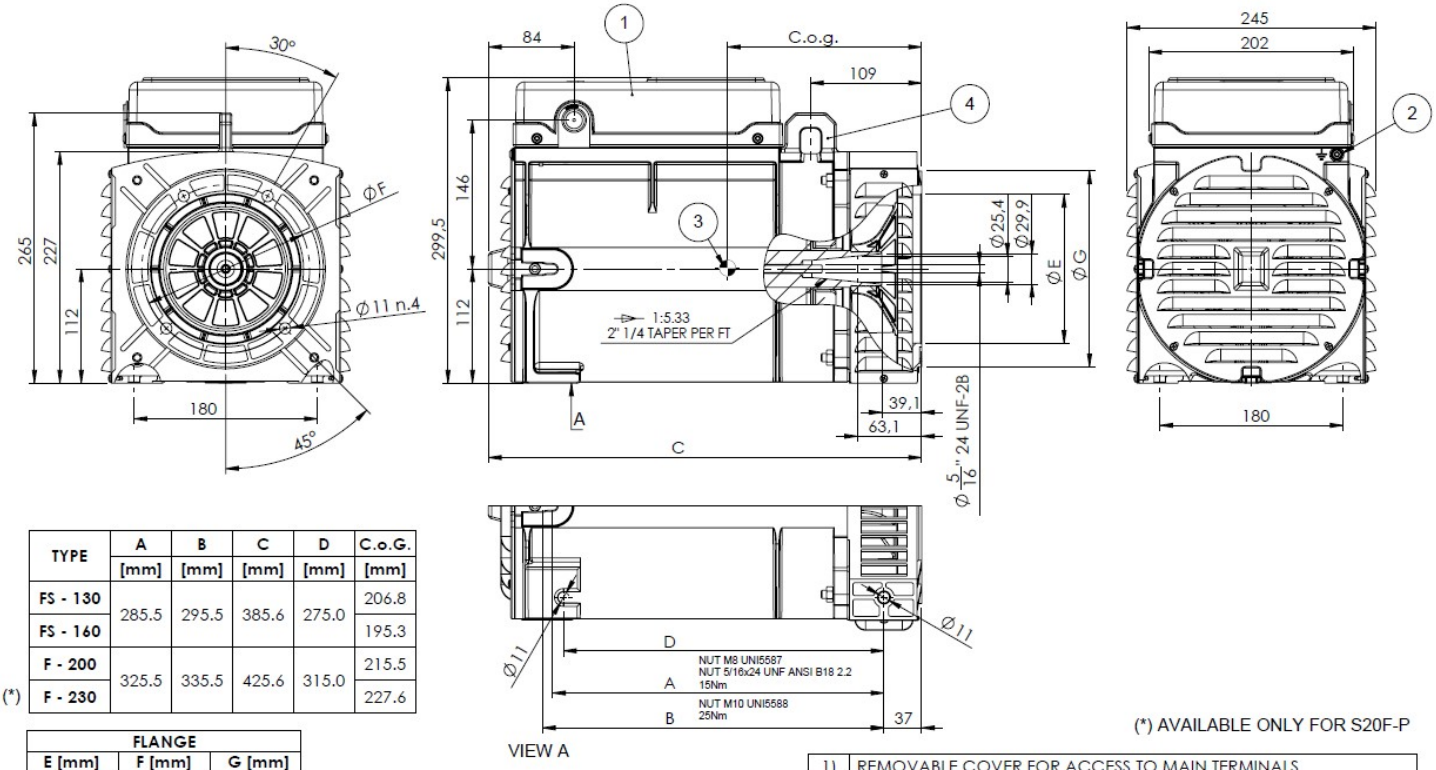
ISO 9001 - ISO 14001
ISO 45001

INSULATION SYSTEM

OVERALL SIZE, STANDARD TYPE

dimensions in mm.

FORM B9/25.4



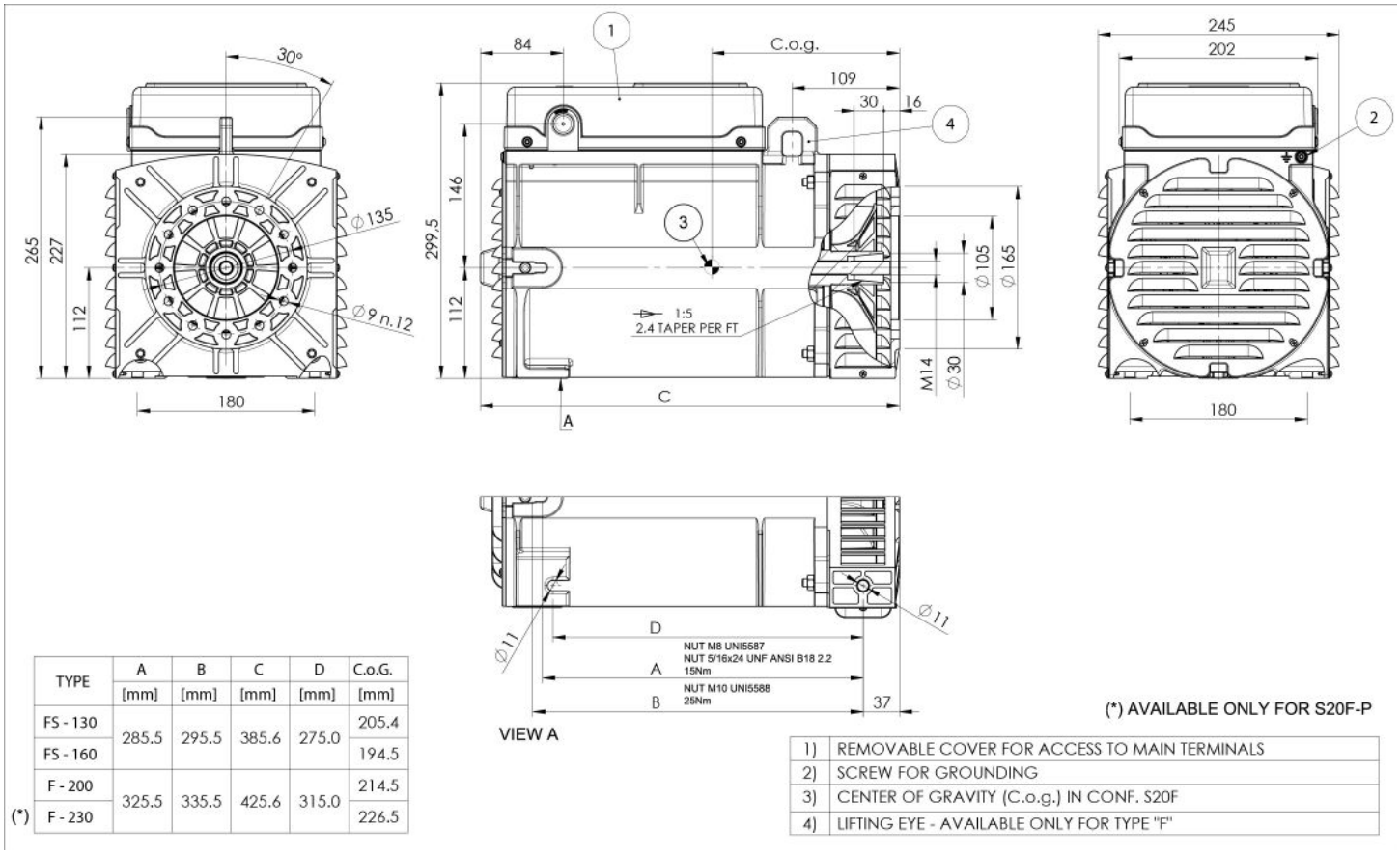
TYPE	A [mm]	B [mm]	C [mm]	D [mm]	C.o.G. [mm]
FS - 130	285.5	295.5	385.6	275.0	206.8
FS - 160					195.3
F - 200	325.5	335.5	425.6	315.0	215.5
(*) F - 230					227.6

FLANGE		
E [mm]	F [mm]	G [mm]
146.0	165.00	192.0
163.6	196.85	216.0
177.7		

(*) AVAILABLE ONLY FOR S20F-P

1)	REMOVABLE COVER FOR ACCESS TO MAIN TERMINALS
2)	SCREW FOR GROUNDING
3)	CENTER OF GRAVITY (C.o.g.) IN CONF. S20F AND FLANGE Ø146mm
4)	LIFTING EYE - AVAILABLE ONLY FOR TYPE "F"

FORM B9/C30



TYPE	A [mm]	B [mm]	C [mm]	D [mm]	C.o.G. [mm]
FS - 130	285.5	295.5	385.6	275.0	205.4
FS - 160					194.5
F - 200	325.5	335.5	425.6	315.0	214.5
(*) F - 230					226.5

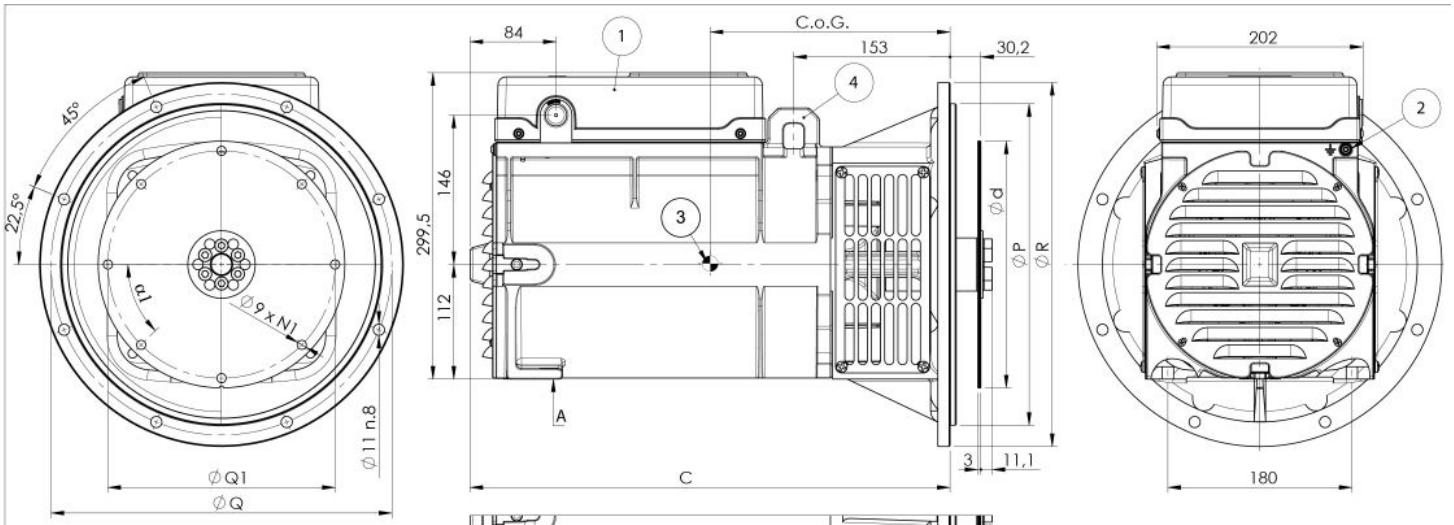
(*) AVAILABLE ONLY FOR S20F-P

1)	REMOVABLE COVER FOR ACCESS TO MAIN TERMINALS
2)	SCREW FOR GROUNDING
3)	CENTER OF GRAVITY (C.o.g.) IN CONF. S20F
4)	LIFTING EYE - AVAILABLE ONLY FOR TYPE "F"

OVERALL SIZE, STANDARD TYPE

FORM MD35

dimensions in mm.



SAE N.	FLANGE		
	P	R	Q
6	266.7	317	285.75
5	314,3	356	333,4

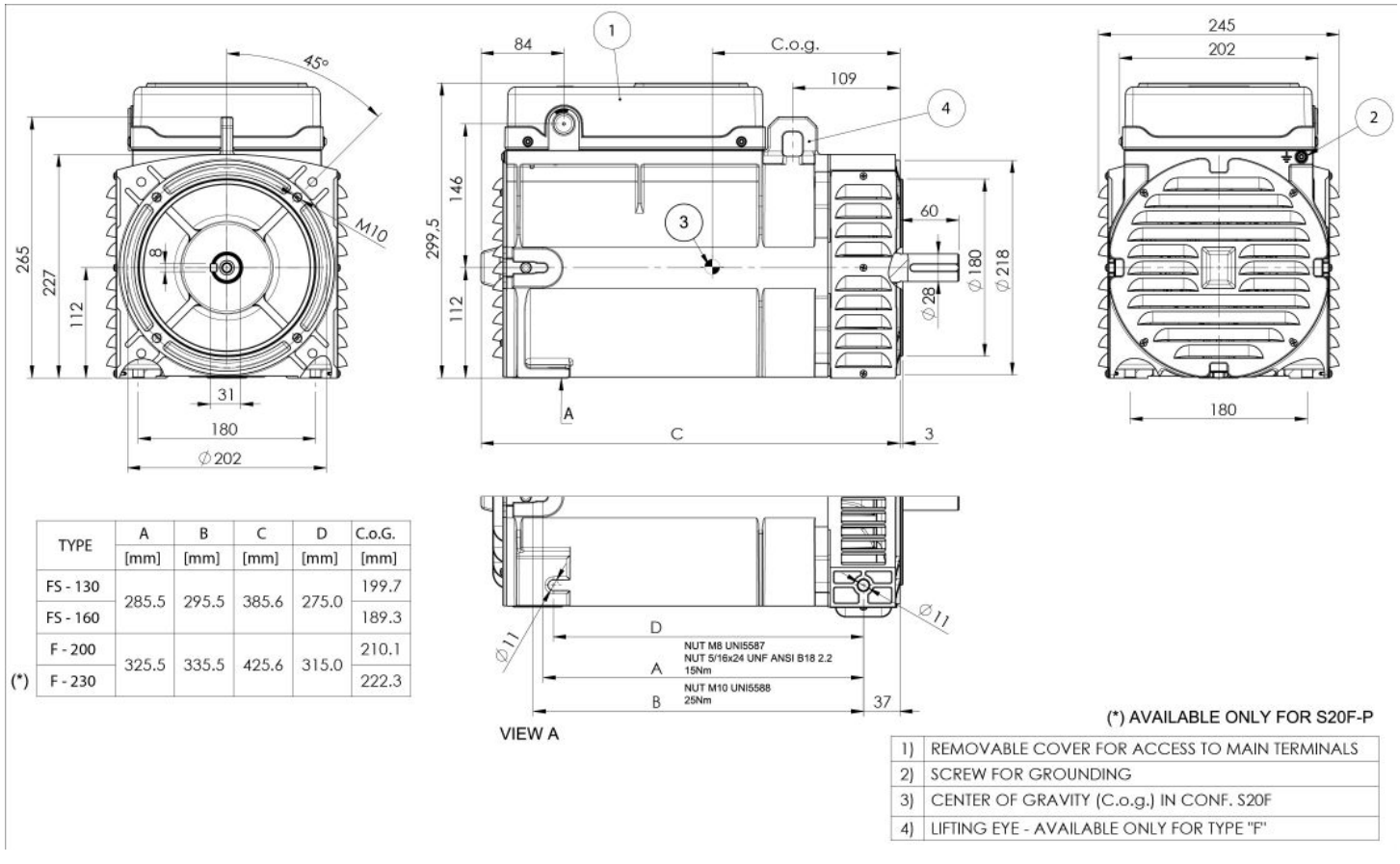
SAE N.	DISC COUPLING				
	d	L	Q1	N1	α1
6 1/2	215,90	30,2	200,00	6	60°
7 1/2	241,30	30,2	222,25	8	45°

(*) AVAILABLE ONLY FOR S20F-P

	TYPE	A	B	C	D	C.o.G.
	FS - 130	285.5	295.5	429.6	275.0	227.2
	FS - 160					219.3
	F - 200	325.5	335.5	469.6	315.0	241.4
(*)	F - 230					254.1

1)	REMOVABLE COVER FOR ACCESS TO MAIN TERMINALS
2)	SCREW FOR GROUNDING
3)	CENTER OF GRAVITY (C.o.g.) IN CONF. S20F MD35/5 F.6.5
4)	LIFTING EYE - AVAILABLE ONLY FOR TYPE "F"

FORM B34



	TYPE	A [mm]	B [mm]	C [mm]	D [mm]	C.o.G. [mm]
	FS - 130	285.5	295.5	385.6	275.0	199.7
	FS - 160					189.3
	F - 200	325.5	335.5	425.6	315.0	210.1
(*)	F - 230					222.3

(*) AVAILABLE ONLY FOR S20F-P

1)	REMOVABLE COVER FOR ACCESS TO MAIN TERMINALS
2)	SCREW FOR GROUNDING
3)	CENTER OF GRAVITY (C.o.g.) IN CONF. S20F
4)	LIFTING EYE - AVAILABLE ONLY FOR TYPE "F"