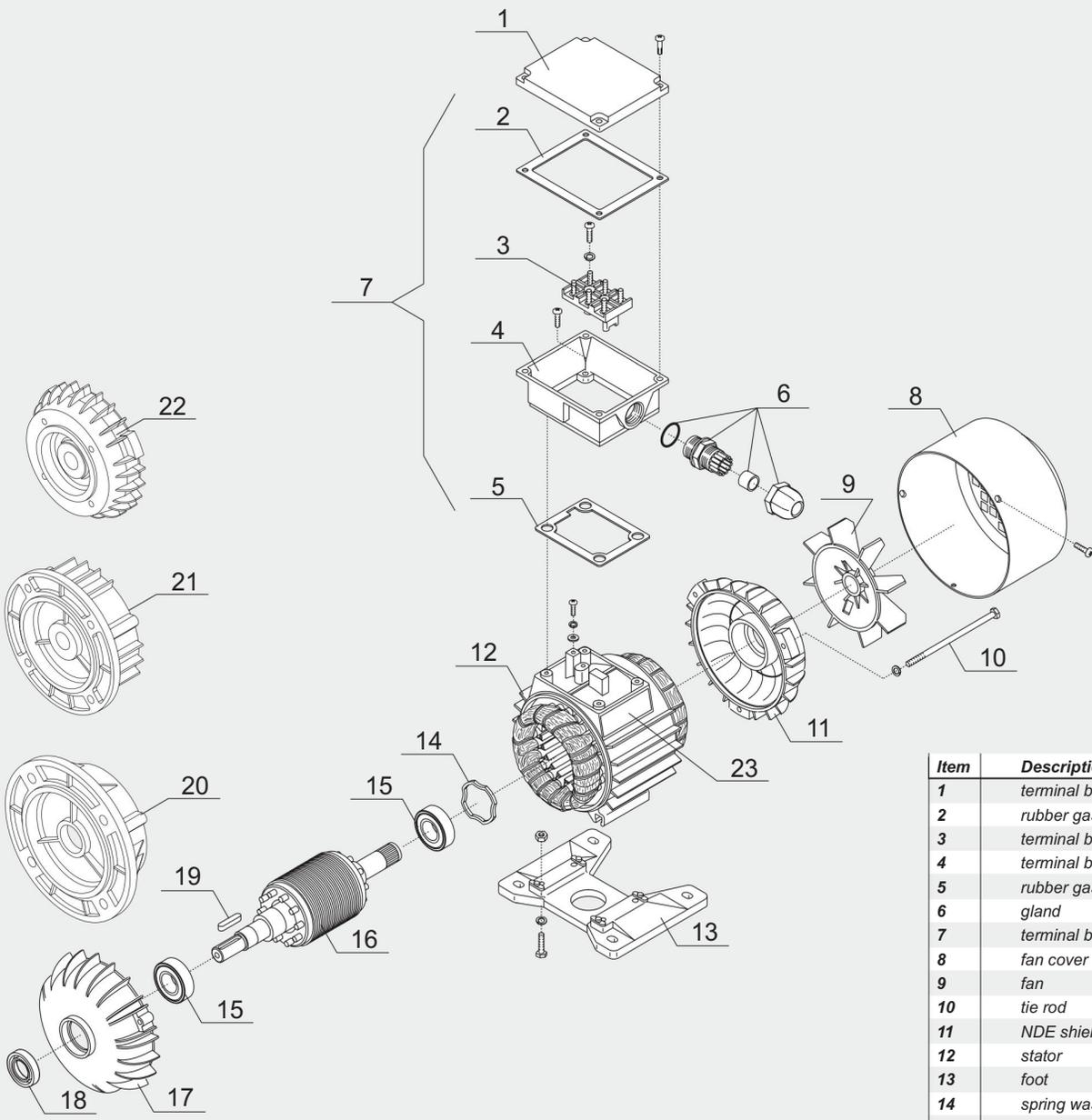


General Purpose 3-phase Induction Motors

Frame Size: 56-80  
Motor series 2SIE and Sh



Item	Description
1	terminal box cover
2	rubber gasket
3	terminal board
4	terminal box
5	rubber gasket
6	gland
7	terminal box complete
8	fan cover
9	fan
10	tie rod
11	NDE shield
12	stator
13	foot
14	spring washer
15	bearing
16	rotor
17	DE shield
18	shaft seal
19	key
20	flange B5
21	flange B14/C1
22	flange B14/C2
23	name plate

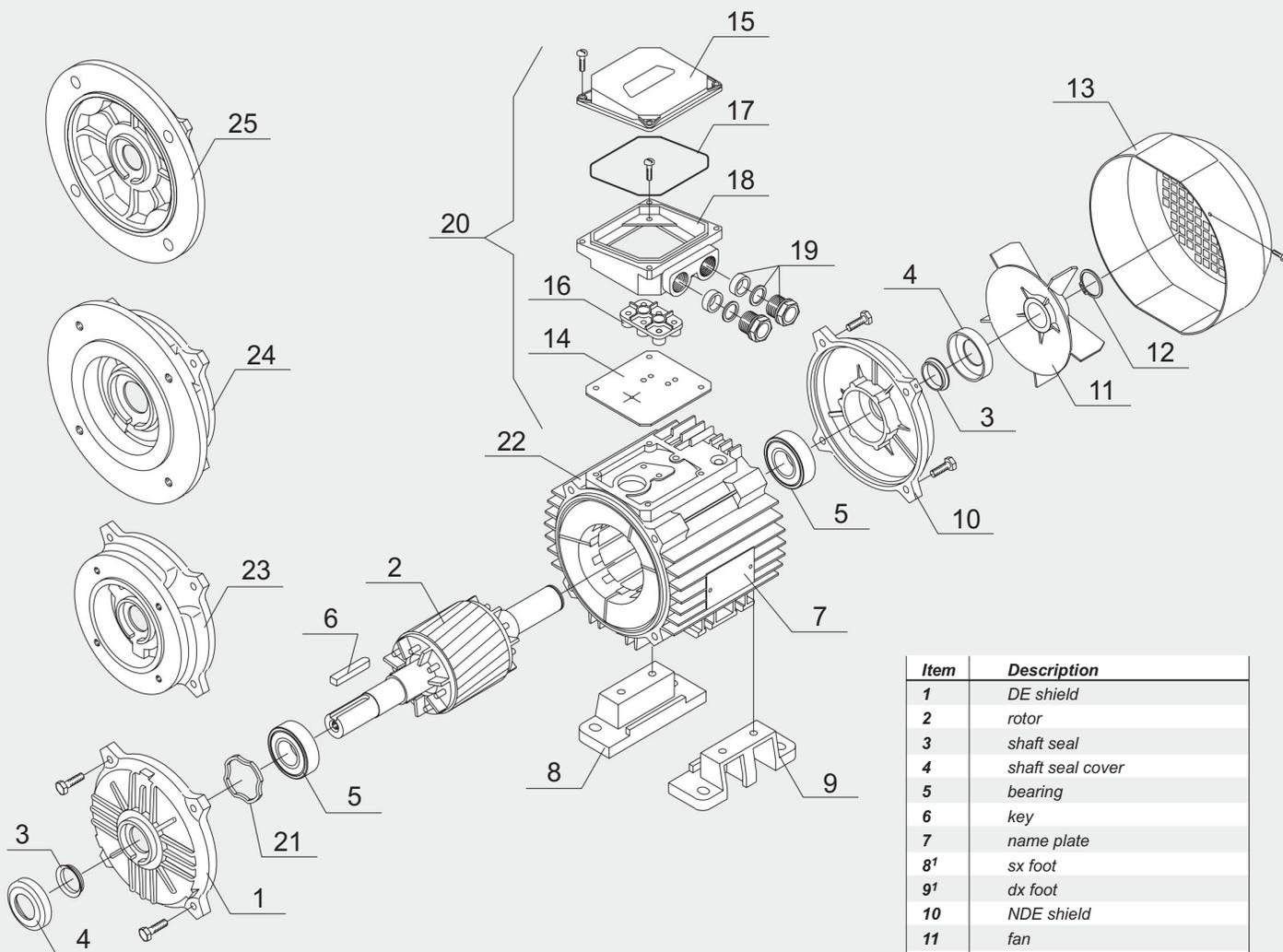
LIST OF MOTOR PARTS

DE - drive end  
NDE - non drive end

General Purpose 3-phase Induction Motors

Frame Size: 90÷180  
Motor series 2SIE

LIST OF MOTOR PARTS



Item	Description
1	DE shield
2	rotor
3	shaft seal
4	shaft seal cover
5	bearing
6	key
7	name plate
8 <sup>1</sup>	sx foot
9 <sup>1</sup>	dx foot
10	NDE shield
11	fan
12	seeger ring
13	fan cover
14	rubber gasket
15	terminal box cover
16	terminal board
17	rubber gasket
18	terminal box
19	glands
20	terminal box complete
21	spring washer
22	stator
23 <sup>2</sup>	flange B14/C2
24 <sup>2</sup>	flange B14/C1
25	flange B5

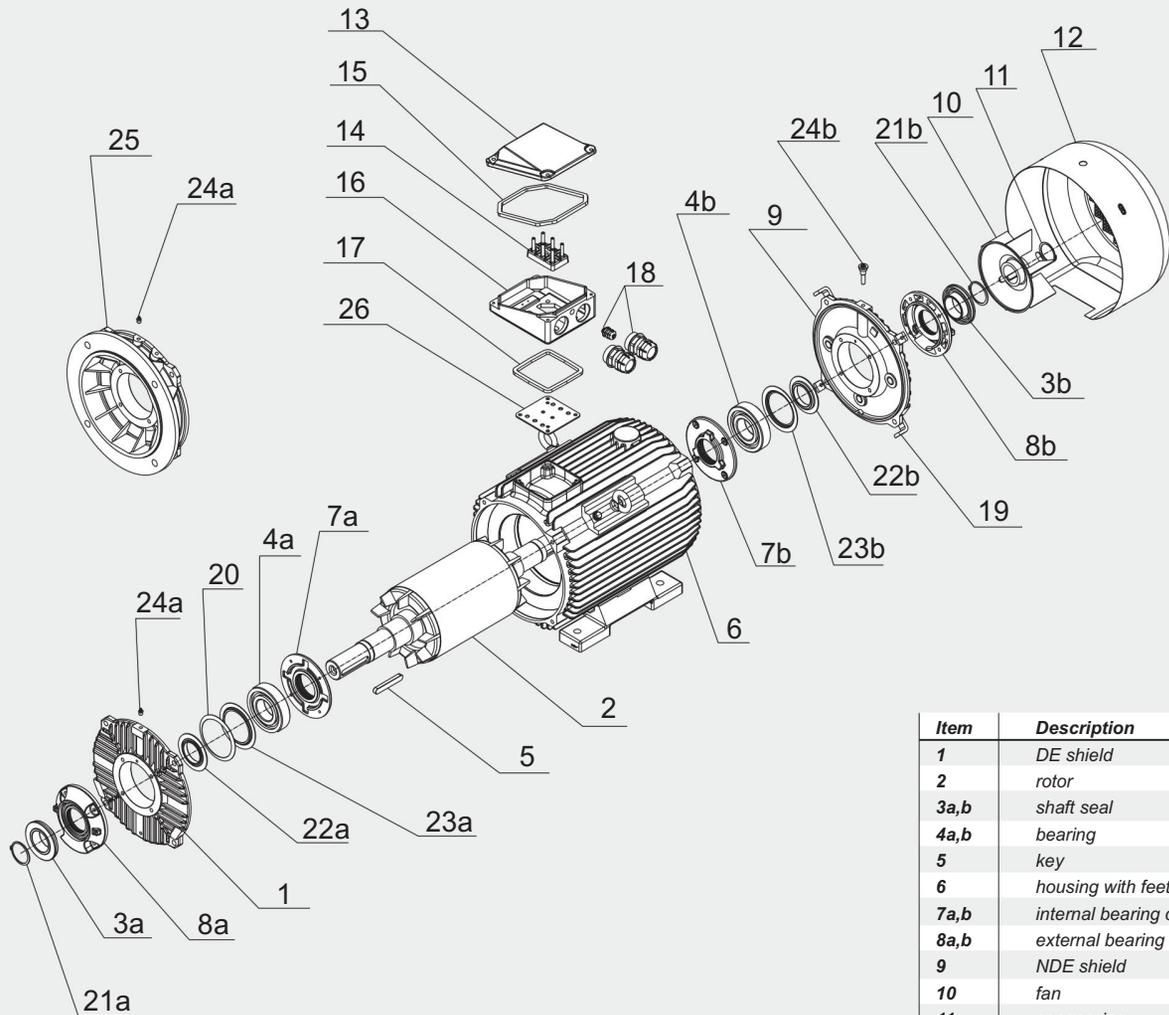
DE - drive end  
NDE - non drive end

1 - for frame size 132 feet can be screwed or integrated with the motor housing, for frame size 160 -180 feet are integrated with the motor housing.

2 - only for frame size 90 - 132.

General Purpose 3-phase Induction Motors

Frame Size: 200+355  
Motor series 2SIE



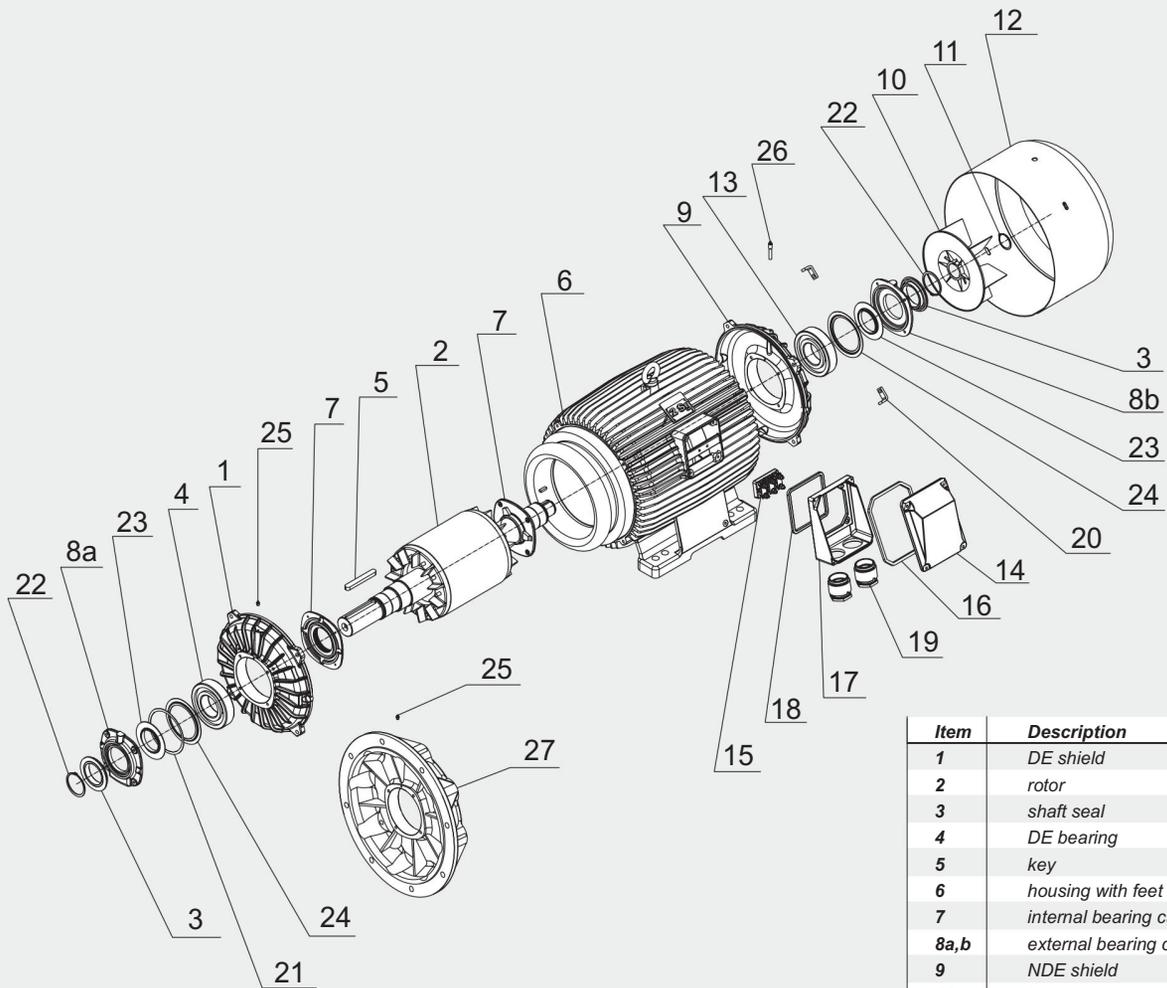
Item	Description
1	DE shield
2	rotor
3a,b	shaft seal
4a,b	bearing
5	key
6	housing with feet
7a,b	internal bearing cap
8a,b	external bearing cap
9	NDE shield
10	fan
11	seeger ring
12	fan cover
13	terminal box cover
14	terminal board
15	rubber gasket
16	terminal box housing
17	rubber gasket
18	cable glands
19	fan cover support
20	spring washer
21a,b	seeger ring
22a,b	grease shield
23a,b	bearing internal ring
24a,b	grease nipple
25	flange B5
26	rubber gasket

LIST OF MOTOR PARTS

DE - drive end  
NDE - non drive end

General Purpose 3-phase Induction Motors

Frame Size: 200÷315  
Motor series 2Sg



LIST OF MOTOR PARTS

Item	Description
1	DE shield
2	rotor
3	shaft seal
4	DE bearing
5	key
6	housing with feet
7	internal bearing cap
8a,b	external bearing cap
9	NDE shield
10	fan
11	seeger ring
12	fan cover
13	NDE bearing
14	terminal box cover
15	terminal cover support
16	rubber gasket
17	terminal box housing
18	rubber gasket
19	cable glands
20	fan cover support
21	spring washer
22	seeger ring
23	grease shield *
24	bearing internal ring *
25	DE grease nipple
26	NDE grease nipple
27	flange B5

DE - drive end  
NDE - non drive end

\* only for size 315

## General Purpose 3-phase Induction Motors

**PRODUCTION PROGRAM****GENERAL PURPOSE 3-PHASE INDUCTION MOTORS****GENERAL PURPOSE 1-PHASE INDUCTION MOTORS****HIGH VOLTAGE INDUCTION MOTORS**

- Totally enclosed motors IP55
- Totally enclosed motors for power engineering IP55
- Open drip proof motors IP23

**MOTORS WITH INCREASED RATED OUTPUT****MOTORS WITH FOREIGN COOLING**

- Motors with foreign cooling IP54 (IP55)
- Motors with foreign cooling IP20

**3-PHASE INDUCTION MOTORS FOR PUMPS**

- Standard motors for pumps
- Explosion-proof motors for pumps
- Explosion-proof marine motors for pumps

**MOTORS TO BE BUILT-IN**

- 1-phase motors to be built-in
- 3-phase motors to be built-in

**BRAKE MOTORS**

- Brake motors (with DC brake)
- Brake motors (with AC brake)

**EXPLOSION-PROOF MOTORS**

- Increased safety motors
- Flame-proof motors
- Flame-proof marine motors
- Special purpose flame-proof motors for mining
- Special purpose flame-proof motors for chemical industry
- Special purpose flame-proof marine motors
- High voltage flame-proof motors

**MOTORS FOR AXIAL-FLOW FANS**

- 1-phase motors for axial-flow fans
- 3-phase motors for axial-flow fans
- 3-phase motors for axial-flow mining fans
- 3-phase explosion-proof motors for air duct axial-flow fans
- 3-phase marine motors for axial-flow fans
- 3-phase explosion-proof marine motors for axial-flow fans
- 3-phase multi-speed motors for axial-flow fans
- 3-phase multi-speed motors for air duct axial-flow fans

**MULTI-SPEED MOTORS**

- General purpose 2-speed motors
- General purpose multi-speed motors

**MARINE MOTORS**

- General purpose marine motors
- Marine motors for pumps
- Marine motors for axial-flow fans
- Marine motors for boat davits
- Marine motors for tubular rudders
- General purpose explosion-proof marine motors
- Explosion-proof marine motors for pumps
- Explosion-proof marine motors for axial-flow fans

**SLIP RING INDUCTION MOTORS**

- Totally enclosed (IP 54, 55) wound rotor induction motors
- Open drip proof (IP 23) wound rotor induction motors

**CRANE MOTORS**

- Squirrel cage crane motors
- Slip ring rotor crane motors
- Two-speed crane motors with brake

**SPECIAL PURPOSE INDUCTION MOTORS**

- Motors with increased slip
- Roller table motors for iron and steel industry
- 1-phase motors with shaft height 65 mm
- 3-phase motors with shaft height 65 mm

**MOTORS ACCORDING TO EPACT AND PREMIUM REQUIREMENTS****ACCESSORIES**

- DC electromagnetic disc brakes
- AC electromagnetic disc brakes
- Powder brakes and clutches
- Thrustors