

NB, NBG

Installation and operating instructions

GB D F I E P GR NL S FIN DK
PL RU H SI HR SER RO BG CZ SK TR
EE LT LV UA



4. Type keys

4.1 Type NB

	NB	32	-125	.1	/142	A	-F	-A	-BAQE
Type range NB NBE									
Nominal diameter of discharge port (DN)									
Nominal impeller diameter [mm]									
Reduced performance = .1									
Actual impeller diameter [mm]									
Code for pump version (the codes may be combined) A = Basic version B = Oversize motor C = Without motor D = Pump housing with feet E = With ATEX approval, certificate or test report F = Design with base frame X = Special version									
Code for pipe connection: F = DIN flange									
Code for materials: A = Cast iron EN-GJL-250 B = EN-GJL-250 with bronze impeller CuSn10 C = As type A + 1.4401 shaft D = As type B + 1.4401 shaft S = EN-GJL-250 with 1.4408 impeller N = 1.4408 pump housing and impeller, PTFE wear ring R = 1.4517 pump housing and impeller, PTFE wear ring P = 1.4408 pump housing, 1.4517 impeller, PTFE wear ring K = 1.4408 pump housing and impeller, 1.4517 wear ring L = 1.4517 pump housing, impeller and wear ring M = 1.4408 pump housing, 1.4517 impeller and wear ring X = Special version									
Code for shaft seal and rubber pump parts									

Examples of combined pump version codes:

- AE = Basic version with certificate or test report.
- BD = With oversize motor and pump housing with feet.
- CE = Without motor and with certificate and/or test report.

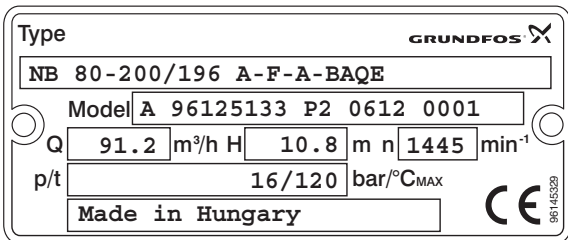


Fig. 4 Example of nameplate for NB

The example shows an NB 80-200 with 196 mm impeller, made of cast iron with BAQE shaft seal and a 4-pole motor.

4.2 Type NBG

	NBG	50	-32	-125	.1	/142	A	-F	-A	-BAQE
Type range NBG NBGE										
Nominal diameter of suction port (DN)										
Nominal diameter of discharge port (DN)										
Nominal impeller diameter [mm]										
Reduced performance = .1										
Actual impeller diameter [mm]										
Code for pump version (the codes may be combined) A = Basic version B = Oversize or double-oversize motor C = Without motor D = Pump housing with feet E = With ATEX approval, certificate or test report F = Design with base frame X = Special version										
Code for pipe connection: F = DIN flange E = Table E flange										
Code for materials: A = Cast iron EN-GJL-250 B = EN-GJL-250 with bronze impeller CuSn10 C = As type A + 1.4401 shaft D = As type B + 1.4401 shaft S = EN-GJL-250 with 1.4408 impeller N = 1.4408 pump housing and impeller, PTFE wear ring R = 1.4517 pump housing and impeller, PTFE wear ring P = 1.4408 pump housing, 1.4517 impeller, PTFE wear ring K = 1.4408 pump housing and impeller, 1.4517 wear ring L = 1.4517 pump housing, impeller and wear ring M = 1.4408 pump housing, 1.4517 impeller and wear ring X = Special version										
Code for shaft seal and rubber pump parts										

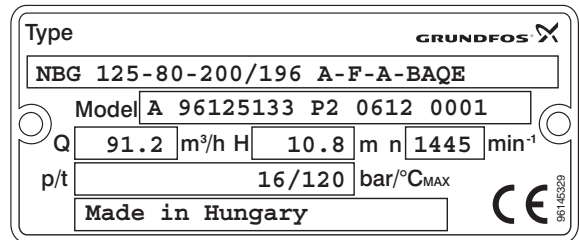


Fig. 5 Example of nameplate for NBG

The example shows an NBG 125-80-200 with 196 mm impeller, made of cast iron with BAQE shaft seal and a 4-pole motor.

TM03 4243 1906

TM03 3981 1406

Mechanical shaft seal

Shaft seal diameter [mm]	Code	Temperature range	28, 38	48	55	60
			Maximum pressure [bar]			
Rubber bellows seal, metal-impregnated carbon/silicon carbide, EPDM	BAQE	0 °C to +120 °C	16	16	16	16
Rubber bellows seal, metal-impregnated carbon/silicon carbide, FKM	BAQV	0 °C to +90 °C	16	16	16	16
Rubber bellows seal, silicon carbide/silicon carbide, EPDM	BQQE	0 °C to +90 °C	16	16	16	16
Rubber bellows seal, silicon carbide/silicon carbide, FKM	BQQV	0 °C to +90 °C	16	16	16	16
Bellow seal, type B, with reduced seal faces, silicon carbide/silicon carbide, EPDM	GQQE	-25 °C to +90 °C	16	16*	16*	16*
Bellow seal, type B, with reduced seal faces, silicon carbide/silicon carbide, FKM	GQQV	-20 °C to +90 °C	16	16*	16*	16*
O-ring seal with fixed seal driver, silicon carbide/silicon carbide, EPDM	AQQE	0 °C to +90 °C	25	25	16	16
O-ring seal with fixed seal driver, silicon carbide/silicon carbide, FKM	AQQV	0 °C to +90 °C	25	25	16	16
O-ring seal with fixed seal driver, silicon carbide/metal-impregnated carbon, EPDM	AQAE	0 °C to +120 °C	25	25	25	25
O-ring seal with fixed seal driver, silicon carbide/metal-impregnated carbon, FKM	AQAV	0 °C to +90 °C	25	25	25	25
Rubber bellows seal, silicon carbide/synthetic resin-impregnated carbon, EPDM	BQBE	0 °C to +140 °C	16	-	-	-
O-ring seal, balanced, metal-impregnated carbon/silicon carbide, FXM	DAQF	0 °C to +140 °C	25	25	25	25
Rubber bellows seal, synthetic resin-impregnated carbon/silicon carbide, EPDM	BBQE	0 °C to +120 °C	16	16	16	16

* -25 °C to 60 °C

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