

➤ APLICAÇÕES

Sistemas de rega
Circulação de água fria ou quente
Distribuição de água
Sistemas de arrefecimento
Bombagem em processos industriais

➤ MATERIAIS DE CONSTRUÇÃO

Corpo da bomba: EN-GJL-250
Impulsor: EN-GJL-250
Veio: AISI 420
Tipo de empanque: Mecânico em Car/ Cer/ EPDM
Notas: Versões GQ e QQ disponíveis.
Outras opções de empanque disponíveis.

➤ LIMITES DE UTILIZAÇÃO

Temperatura do líquido: até 120°C
Pressão máxima de serviço: 10 bar
Temperatura ambiente máxima: 40°C

➤ CARATERÍSTICAS DO MOTOR

Tensão: 3x400 V
Classe de isolamento: F
Classe de proteção: IP55
Rotação: 1450 e 2900 rpm

➤ APPLICATIONS

Irrigation systems
Circulation of cold or hot water
Water distribution
Cooling systems
Pumping for industrial uses

➤ CONSTRUCTION MATERIALS

Pump casing: EN-GJL-250
Impeller: EN-GJL-250
Shaft: AISI 420
Seal type: Mechanical in Car/ Cer/ EPDM
Notes: GQ and QQ versions available
Others seal options available

➤ WORKING LIMITS

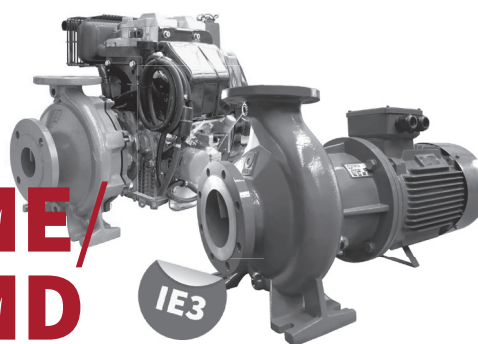
Liquid temperature: up to: 120°C
Maximum operating pressure: 10 bar
Maximum ambient temperature: 40°C

➤ MOTOR SPECIFICATIONS

Voltage: 3x400 V
Insulation class: F
Protection class: IP55
Rotation: 1450 and 2900 rpm

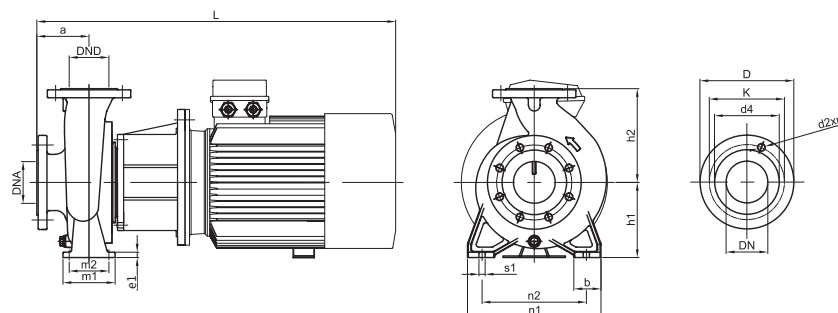
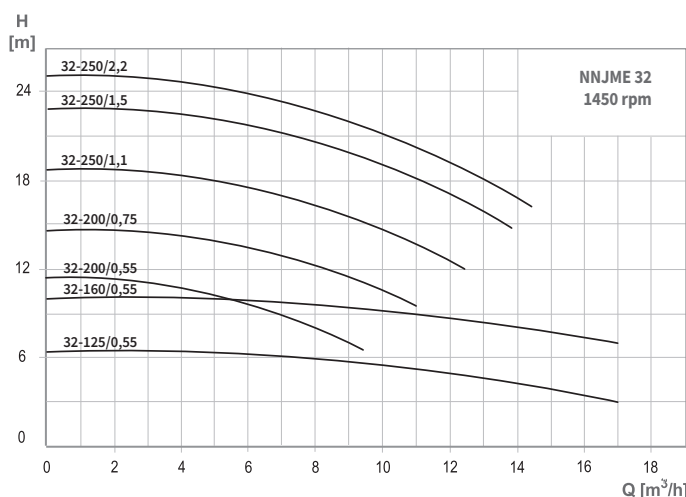


NNJME/ NNJMD



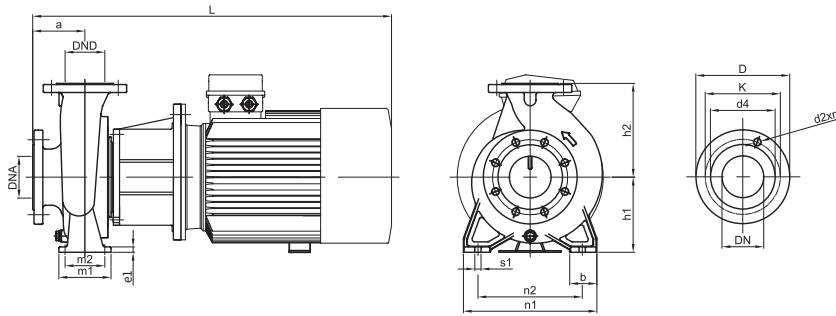
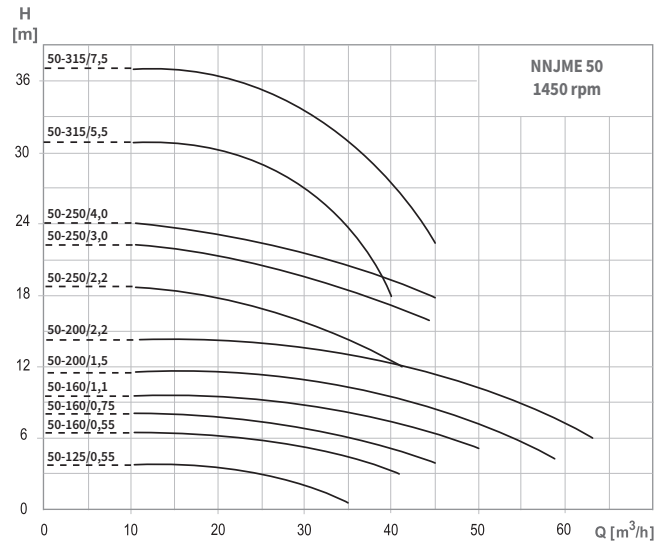
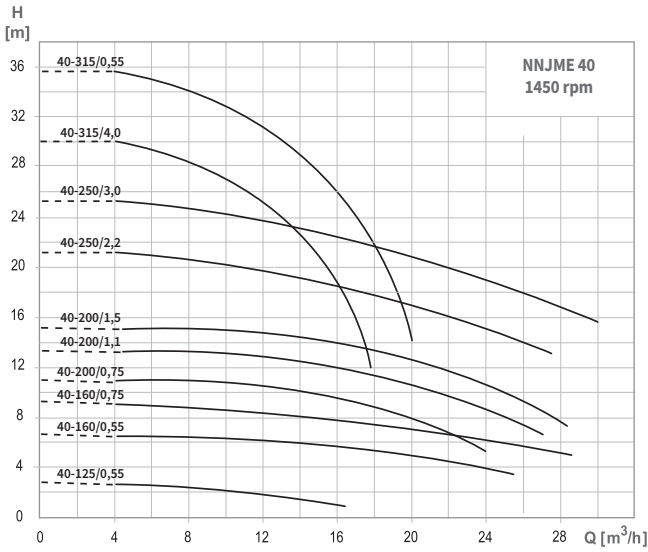
A série **NNJME** é constituída por eletrobombas monobloco de acoplamento rígido com impulsor radial do tipo fechado, normalizadas segundo EN733 (DIN 24255). É constituída por um adaptador que permite a utilização de um motor standard IEC. A série **NNJMD** é constituída por motobombas.

NNJME series are composed by close-coupled electric motor driven pumps with a closed type radial impeller, normalized according to EN733 (DIN24255). It is composed with an adapter that allows the use of a standard IEC motor. NNJMD are diesel engine driven close coupled pumps



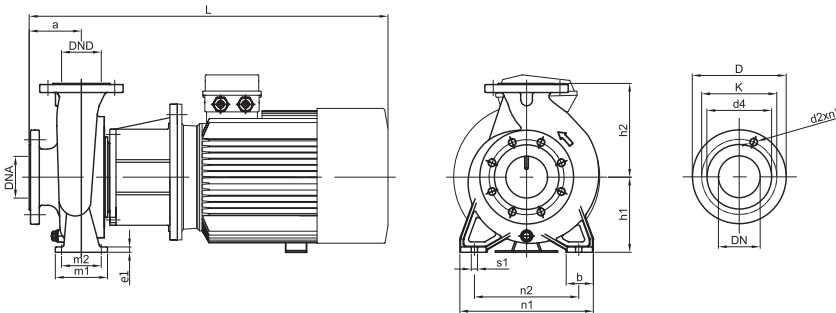
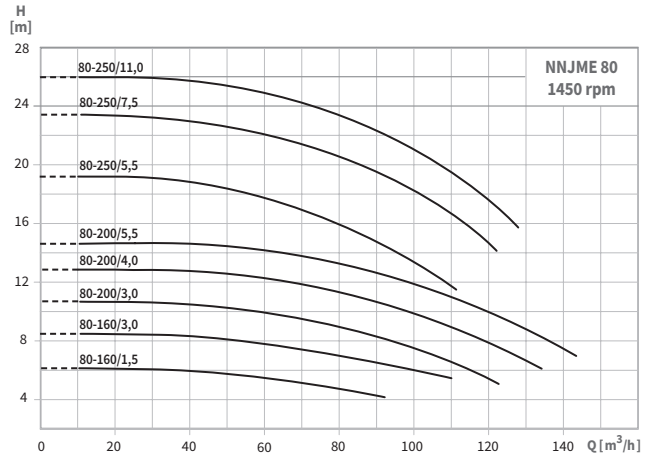
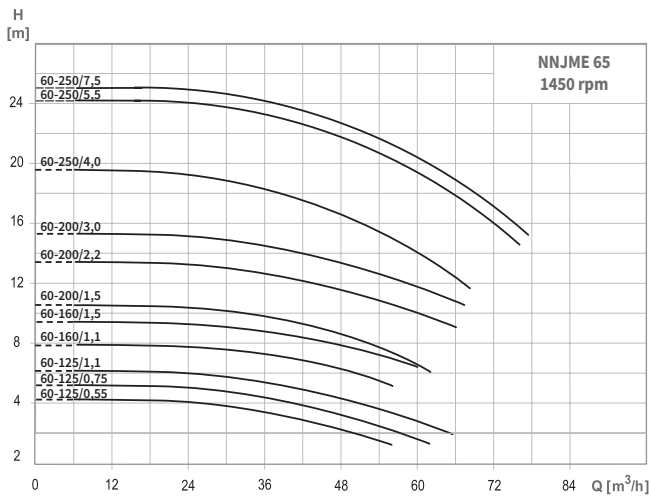
MODELO MODEL 1450 RPM	POTÊNCIA POWER (kW)	Ø (mm)		DIMENSÕES DIMENSIONS (mm)											PESO WEIGHT (Kg)
		DNA	DND	a	h1	h2	b	e1	m1	m2	n1	n2	s1	L	
NNJME 32-125/0,55/4	0,55	50	32	80	112	140	50	14	100	70	190	140	14	515	39
NNJME 32-160/0,55/4	0,55	50	32	80	132	160	50	14	100	70	240	190	14	518	42
NNJME 32-200/0,55/4	0,55	50	32	80	160	180	50	15	100	70	240	190	14	519	51
NNJME 32-200/0,75/4	0,75	50	32	80	160	180	50	15	100	70	240	190	14	519	52
NNJME 32-250/1,1/4	1,1	50	32	100	180	225	60	16	125	95	320	250	14	569	70
NNJME 32-250/1,5/4	1,5	50	32	100	180	225	60	16	125	95	320	250	14	589	73
NNJME 32-250/2,2/4	2,2	50	32	100	180	225	60	16	125	95	320	250	14	669	81

PRESSURIZAÇÃO | PRESSURIZATION



MODELO MODEL 1450 RPM	POTÊNCIA POWER (kW)	Ø (mm)		DIMENSÕES DIMENSIONS (mm)										PESO WEIGHT (Kg)	
		DNA	DND	a	h1	h2	b	e1	m1	m2	n1	n2	s1		L
NNJME 40-125/0,55/4	0,55	65	40	80	112	140	65	14	100	70	210	160	14	515	44
NNJME 40-160/0,55/4	0,55	65	40	80	132	160	65	14	100	70	240	190	14	518	44
NNJME 40-160/0,75/4	0,75	65	40	80	132	160	65	14	100	70	240	190	14	518	46
NNJME 40-200/0,75/4	0,75	65	40	100	160	180	65	15	100	70	265	212	14	539	54
NNJME 40-200/1,1/4	1,1	65	40	100	160	180	65	15	100	70	265	212	14	589	61
NNJME 40-250/1,5/4	1,5	65	40	100	180	225	65	16	125	95	320	250	14	589	75
NNJME 40-250/2,2/4	2,2	65	40	100	180	225	65	16	125	95	320	250	14	669	83
NNJME 50-125/0,55/4	0,55	65	50	100	132	160	50	14	100	70	240	190	14	538	47
NNJME 50-125/0,75/4	0,75	65	50	100	132	160	50	14	100	70	240	190	14	538	48
NNJME 50-160/0,75/4	0,75	65	50	100	160	180	50	14	100	70	265	212	14	538	49
NNJME 50-160/1,1/4	1,1	65	50	100	160	180	50	14	100	70	265	212	14	588	56
NNJME 50-200/1,1/4	1,1	65	50	100	160	200	50	15	100	70	265	212	14	589	66
NNJME 50-200/1,5/4	1,5	65	50	100	160	200	50	15	100	70	265	212	14	589	69
NNJME 50-200/2,2/4	2,2	65	50	100	160	200	50	15	100	70	265	212	14	669	77
NNJME 50-250/3,0/4	3,0	65	50	100	180	225	65	16	100	70	320	250	14	669	88
NNJME 50-250/4,0/4	4,0	65	50	100	180	225	65	16	100	70	320	250	14	607	94

NNJME/ NNMD Bombas monobloco normalizadas EN733 | Normalized close-coupled pumps EN733

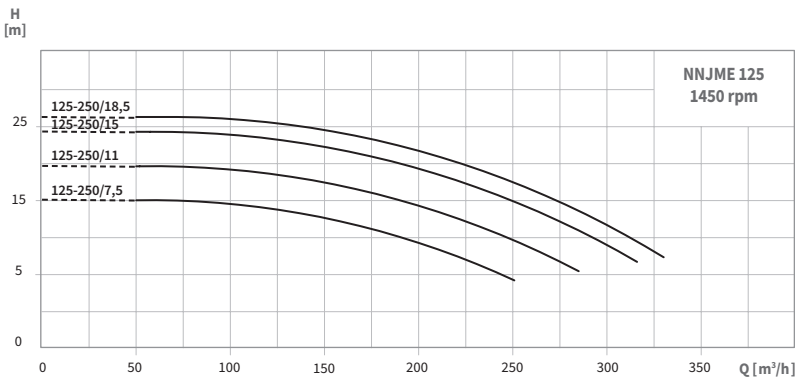
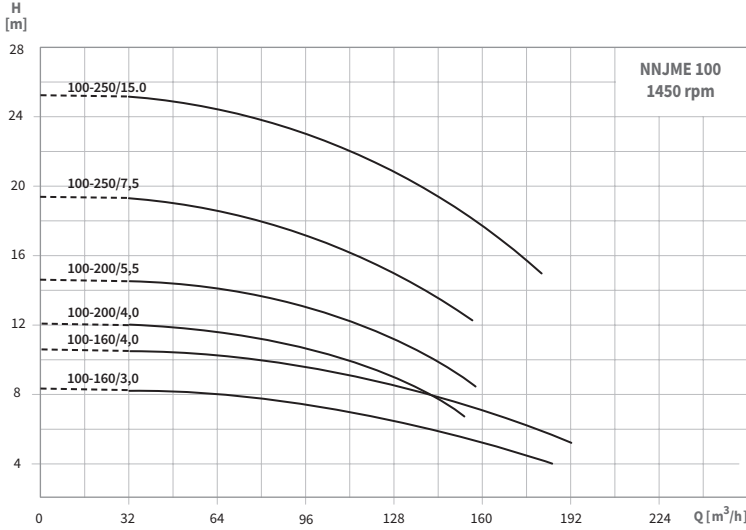


DIN 2501 PN 16
DN 32, 40, 50, 65, 80, 100, 125, 150
DIN 2501 PN 10
DN 200, 250, 300, 350, 400

DN	32	40	50	65	80	100	125	150	200	250	300	350	400
ØD	140	150	165	185	200	220	250	285	340	395	445	505	565
ØK	100	110	125	145	160	180	210	240	295	350	400	460	515
d4	78	88	102	122	138	158	188	212	268	320	378	430	482
d2	18	18	18	18	18	18	18	22	23	23	23	23	27
n	4	4	4	4	8	8	8	8	8	12	12	16	16

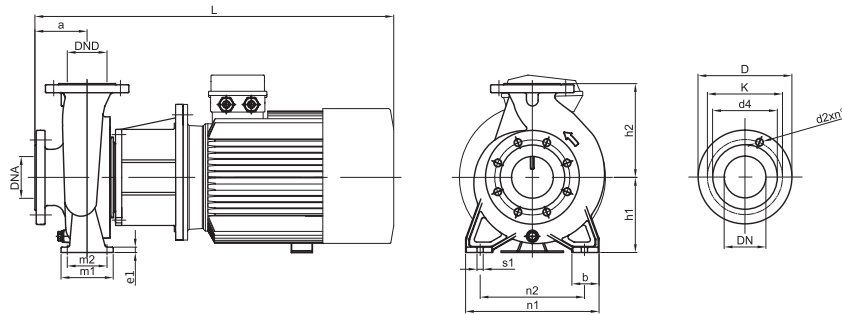
MODELO MODEL 1450 RPM	POTÊNCIA POWER (kW)	Ø (mm)		DIMENSÕES DIMENSIONS (mm)											PESO WEIGHT (Kg)
		DNA	DND	a	h1	h2	b	e1	m1	m2	n1	n2	s1	L	
NNJME 65-125/0,55/4	0,55	80	65	100	160	180	65	15	125	95	280	212	14	538	51
NNJME 65-125/0,75/4	0,75	80	65	100	160	180	65	15	125	95	280	212	14	538	52
NNJME 65-125/1,1/4	1,1	80	65	100	160	180	65	15	125	95	280	212	14	588	59
NNJME 65-160/1,1/4	1,1	80	65	100	160	200	65	15	125	95	280	212	14	588	61
NNJME 65-160/1,5/4	1,5	80	65	100	160	200	65	15	125	95	280	212	14	563	64
NNJME 65-160/2,2/4	2,2	80	65	100	160	200	65	15	125	95	280	212	14	668	72
NNJME 65-200/2,2/4	2,2	80	65	100	180	225	65	16	125	95	320	250	14	669	80
NNJME 65-200/3,0/4	3,0	80	65	100	180	225	65	16	125	95	320	250	14	669	83
NNJME 65-250/4,0/4	4,0	80	65	100	200	250	80	16	160	120	360	280	18	642	112
NNJME 65-250/5,5/4	5,5	80	65	100	200	250	80	16	160	120	360	280	18	712	144
NNJME 65-250/7,5/4	7,5	80	65	100	200	250	80	16	160	120	360	280	18	752	155
NNJME 80-160/1,5/4	1,5	100	80	125	180	225	65	15	125	95	320	250	14	613	70
NNJME 80-160/2,2/4	2,2	100	80	125	180	225	65	15	125	95	320	250	14	693	78
NNJME 80-160/3,0/4	3,0	100	80	125	180	225	65	15	125	95	320	250	14	693	82
NNJME 80-200/3,0/4	3,0	100	80	125	180	250	65	16	125	95	345	280	14	698	104
NNJME 80-200/4,0/4	4,0	100	80	125	180	250	65	16	125	95	345	280	14	668	110
NNJME 80,200/5,5/4	5,5	100	80	125	180	250	65	16	125	95	345	280	14	737	142
NNJME 80-250/5,5/4	5,5	100	80	125	200	280	80	20	160	120	400	315	18	737	152
NNJME 80-250/7,5/4	7,5	100	80	125	200	280	80	20	160	120	400	315	18	777	163
NNJME 80-250/11,0/4	11,0	100	80	125	200	280	80	20	160	120	400	315	18	882	205

PRESSURIZAÇÃO | PRESSURIZATION



DIN 2501 PN 16
DN 32, 40, 50, 65, 80, 100, 125, 150
DIN 2501 PN 10
DN 200, 250, 300, 350, 400

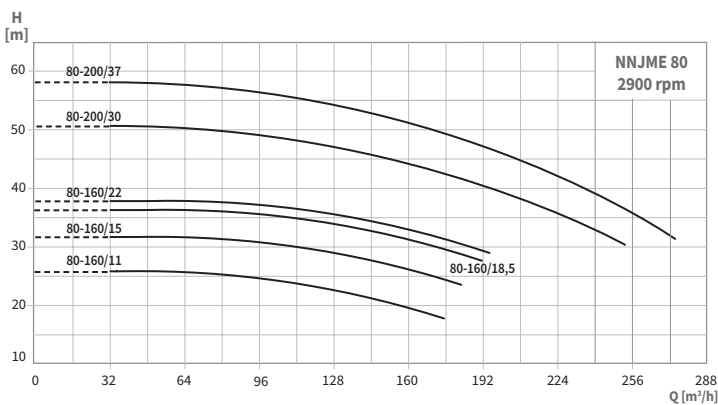
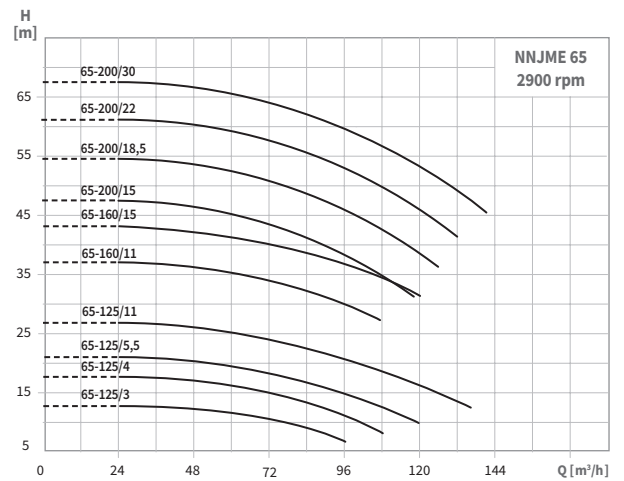
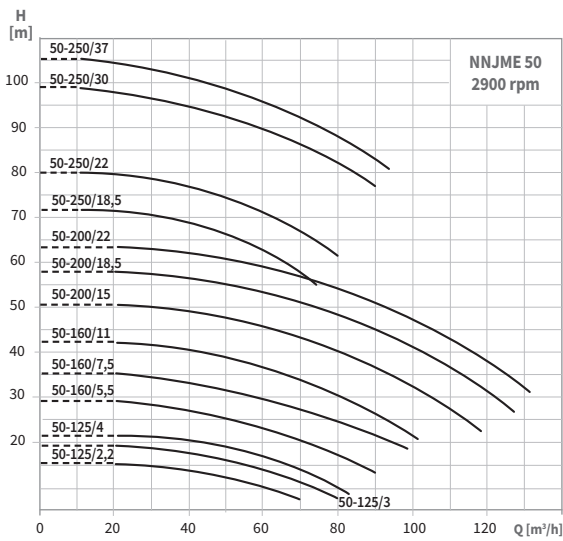
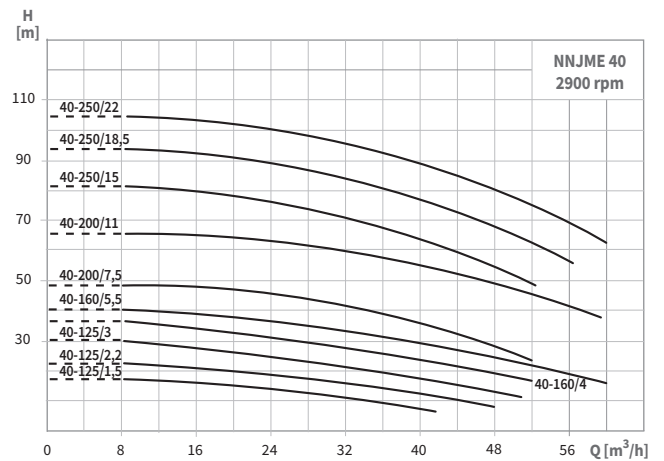
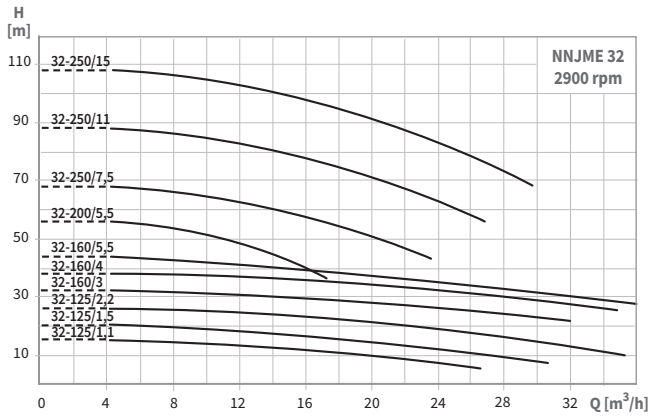
DN	32	40	50	65	80	100	125	150	200	250	300	350	400
ØD	140	150	165	185	200	220	250	285	340	395	445	505	565
ØK	100	110	125	145	160	180	210	240	295	350	400	460	515
d4	78	88	102	122	138	158	188	212	268	320	378	430	482
d2	18	18	18	18	18	18	18	22	23	23	23	23	27
n	4	4	4	4	8	8	8	8	8	12	12	16	16



MODELO MODEL 1450 RPM	POTÊNCIA POWER (kW)	Ø (mm)		DIMENSÕES DIMENSIONS (mm)											PESO WEIGHT (Kg)
		DNA	DND	a	h1	h2	b	e1	m1	m2	n1	n2	s1	L	
NNJME 100-160/3,0/4	3,0	125	100	125	200	280	80	18	160	120	360	280	18	656	91
NNJME 100-160/4,0/4	4,0	125	100	125	200	280	80	18	160	120	360	280	18	696	97
NNJME 100-200/4,0/4	4,0	125	100	125	200	280	80	20	160	120	360	280	18	687	116
NNJME 100-200/5,5/4	5,5	125	100	125	200	280	80	20	160	120	360	280	18	757	148
NNJME 100-200/7,5/4	7,5	125	100	125	200	280	80	20	160	120	360	280	18	797	159
NNJME 100-250/7,5/4	7,5	125	100	140	225	280	80	20	160	120	400	315	18	812	172
NNJME 100-250/11,0/4	11,0	125	100	140	225	280	80	20	160	120	400	315	18	917	214
NNJME 100-250/15,0/4	15,0	125	100	140	225	280	80	20	160	120	400	315	18	972	228
NNJME 125-250/7,5/4	7,5	150	125	140	250	355	80	20	160	120	400	315	18	812	193
NNJME 125-250/11,0/4	11,0	150	125	140	250	355	80	20	160	120	400	315	18	917	235
NNJME 125-250/15,0/4	15,0	150	125	140	250	355	80	20	160	120	400	315	18	972	249
NNJME 125-250/18,5/4	18,5	150	125	140	250	355	80	20	160	120	400	315	18	1002	283

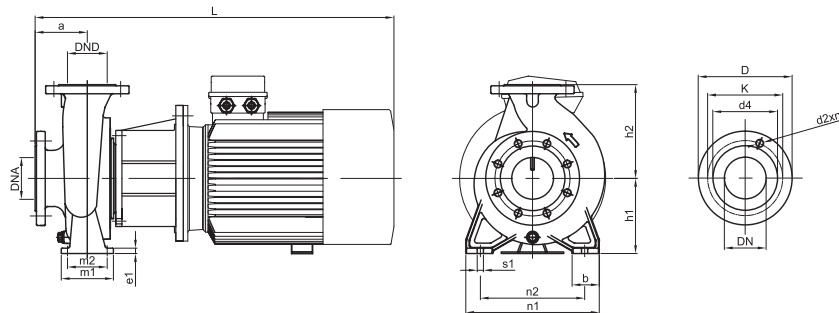
NNJME/ NNMD Bombas monobloco normalizadas EN733 | Normalized close-coupled pumps EN733

PRESSURIZAÇÃO | PRESSURIZATION



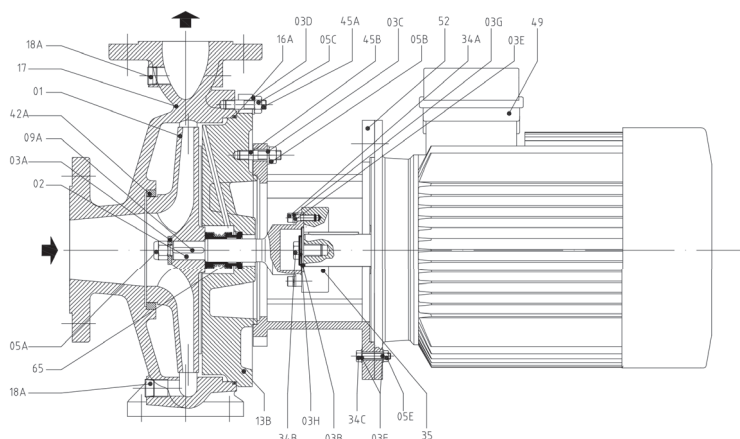
DIN 2501 PN 16
DIN 2501 PN 10
 DN 32, 40, 50, 65, 80, 100, 125, 150
 DN 200, 250, 300, 350, 400

DN	32	40	50	65	80	100	125	150	200	250	300	350	400
ØD	140	150	165	185	200	220	250	285	340	395	445	505	565
ØK	100	110	125	145	160	180	210	240	295	350	400	460	515
d4	78	88	102	122	138	158	188	212	268	320	378	430	482
d2	18	18	18	18	18	18	18	22	23	23	23	23	27
n	4	4	4	4	8	8	8	8	8	12	12	16	16



MODELO MODEL 2900 RPM	POTÊNCIA POWER (kW)	Ø (mm)		DIMENSÕES DIMENSIONS (mm)											PESO WEIGHT (Kg)
		DNA	DND	a	h1	h2	b	e1	m1	m2	n1	n2	s1	L	
NNJME 32-125/1,1/2	1,1	50	32	80	112	140	50	14	100	70	190	140	14	518	44,1
NNJME 32-125/1,5/2	1,5	50	32	80	112	140	50	14	100	70	190	140	14	568	49,0
NNJME 32-125/2,2/2	2,2	50	32	80	112	140	50	14	100	70	190	140	14	598	53,0
NNJME 32-125/3,0/2	3,0	50	32	80	112	140	50	14	100	70	190	140	14	648	62,0

MODELO MODEL 2900 RPM	POTÊNCIA POWER (kW)	Ø (mm)		DIMENSÕES DIMENSIONS (mm)											PESO WEIGHT (Kg)
		DNA	DND	a	h1	h2	b	e1	m1	m2	n1	n2	s1	L	
NNJME 32-160/3,0/2	3,0	50	32	80	132	160	50	14	100	70	240	190	14	648	70
NNJME 32-160/4,0/2	4,0	50	32	80	132	160	50	14	100	70	240	190	14	618	92
NNJME 32-200/3,0/2	3,0	50	32	80	160	180	50	15	100	70	240	190	14	649	70
NNJME 32-200/4,0/2	4,0	50	32	80	160	180	50	15	100	70	240	190	14	619	78
NNJME 32-200/5,5/2	5,5	50	32	80	160	180	50	15	100	70	240	190	14	689	101
NNJME 32-200/7,5/2	7,5	50	32	80	160	180	50	15	100	70	240	190	14	689	108
NNJME 32-250/7,5/2	7,5	50	32	100	180	225	65	16	125	95	320	250	14	709	119
NNJME 32-250/11,0/2	11,0	50	32	100	180	225	65	16	125	95	320	250	14	854	171
NNJME 32-250/15,0/2	15,0	50	32	100	180	225	65	16	125	95	320	250	14	854	181
NNJME 40-125/1,5/2	1,5	65	40	80	112	140	50	14	100	70	210	160	14	560	50
NNJME 40-125/2,2/2	2,2	65	40	80	112	140	50	14	100	70	210	160	14	598	54
NNJME 40-125/3,0/2	3,0	65	40	80	112	140	50	14	100	70	210	160	14	648	63
NNJME 40-160/3,0/2	3,0	65	40	80	112	140	50	14	100	70	240	190	14	648	64
NNJME 40-160/4,0/2	4,0	65	40	80	132	160	50	14	100	70	240	190	14	618	72
NNJME 40-160/5,5/2	5,5	65	40	80	132	160	50	14	100	70	240	190	14	688	95
NNJME 40-200/5,5/2	5,5	65	40	100	160	180	50	15	100	70	265	212	14	709	103
NNJME 40-200/7,5/2	7,5	65	40	100	160	180	50	15	100	70	265	212	14	709	110
NNJME 40-200/11,0/2	11,0	65	40	100	160	180	50	15	100	70	265	212	14	854	163
NNJME 40-250/11,0/2	11,0	65	40	100	180	225	65	16	125	95	320	250	14	854	174
NNJME 40-250/15,0/2	15,0	65	40	100	180	225	65	16	125	95	320	250	14	854	184
NNJME 40-250/18,5/2	18,5	65	40	100	180	225	65	16	125	95	320	250	14	909	199
NNJME 40-250/22,0/2	22,0	65	40	100	180	225	65	16	125	95	320	250	14	939	229
NNJME 50-125/2,2/2	2,2	65	50	100	132	160	50	14	100	70	240	190	14	618	57
NNJME 50-125/3,0/2	3,0	65	50	100	132	160	50	14	100	70	240	190	14	668	66
NNJME 50-125/4,0/2	4,0	65	50	100	132	160	50	14	100	70	240	190	14	638	74
NNJME 50-125/5,5/2	5,5	65	50	100	132	160	50	14	100	70	240	190	14	724	97
NNJME 50-160/5,5/2	5,5	65	50	100	160	160	50	14	100	70	265	212	14	708	99
NNJME 50-160/7,5/2	7,5	65	50	100	160	180	50	14	100	70	265	212	14	708	106
NNJME 50-160/11,0/2	11,0	65	50	100	160	180	50	14	100	70	265	212	14	853	158
NNJME 50-200/11,0/2	11,0	65	50	100	160	200	50	15	100	70	265	212	14	854	168
NNJME 50-200/15,0/2	15,0	65	50	100	160	200	50	15	100	70	265	212	14	854	185
NNJME 50-200/18,5/2	18,5	65	50	100	160	200	50	15	100	70	265	212	14	909	186
NNJME 50-200/22,0/2	22,0	65	50	100	160	200	50	15	100	70	265	212	14	939	217
NNJME 50-250/15,0/2	15,0	65	50	100	180	225	65	16	100	70	320	250	14	854	185
NNJME 50-250/18,5/2	18,5	65	50	100	180	225	65	16	100	70	320	250	14	909	200
NNJME 50-250/22,0/2	22,0	65	50	100	180	225	65	16	100	70	320	250	14	909	230
NNJME 50-250/30,0/2	30,0	65	50	100	180	225	65	16	100	70	320	250	14	1009	288
NNJME 65-125/3,0/2	3,0	80	65	100	160	180	65	15	125	95	280	212	14	668	70
NNJME 65-125/4,0/2	4,0	80	65	100	160	180	65	15	125	95	280	212	14	638	78
NNJME 65-125/5,5/2	5,5	80	65	100	160	180	65	15	125	95	280	212	14	608	102
NNJME 65-125/7,5/2	7,5	80	65	100	160	180	65	15	125	95	280	212	14	708	109
NNJME 65-125/11/2	11,0	80	65	100	160	200	65	15	125	95	280	212	14	853	161
NNJME 65-160/7,5/2	7,5	80	65	100	160	200	65	15	125	95	280	212	14	708	110
NNJME 65-160/11,0/2	11,0	80	65	100	160	200	65	15	125	95	280	212	14	853	162
NNJME 65-160/15,0/2	15,0	80	65	100	160	200	65	15	125	95	280	212	14	853	172
NNJME 65-200/15,0/2	15,0	80	65	100	180	225	65	16	125	95	320	250	14	854	181
NNJME 65-200/18,5/2	18,5	80	65	100	180	225	65	16	125	95	320	250	14	909	196
NNJME 65-200/22,0/2	22,0	80	65	100	180	225	65	16	125	95	320	250	14	939	226
NNJME 65-200/30,0/2	30,0	80	65	100	180	225	65	16	125	95	320	250	14	1009	283
NNJME 80-160/11,0/2	11,0	100	80	125	180	225	65	15	125	95	320	250	14	878	169
NNJME 80-160/15,0/2	15,0	100	80	125	180	225	65	15	125	95	320	250	14	878	179
NNJME 80-160/18,5/2	18,5	100	80	125	180	225	65	15	125	95	320	250	14	933	194
NNJME 80-160/22,0/2	22,0	100	80	125	180	225	65	15	125	95	320	250	14	963	224
NNJME 80-200/30,0/2	30,0	100	80	125	200	250	65	16	125	95	340	280	14	1044	297
NNJME 80-200/37,0/2	37,0	100	80	125	200	250	65	16	125	95	340	280	14	1044	309



ITEM	QUANT.	DESIGNAÇÃO DESIGNATION	MATERIAIS MATERIALS		
			GG	GQ	QQ
01	1	Impulsor Impeller	EN-GJL-250	G-CuSn10	G-CuSn10
02	1	Veio Shaft	AISI 420	AISI 420	AISI 316
03A	1	Anilha do impulsor Impeller washer	AISI 420	AISI 420	AISI 316
03B	1	Anilha especial Special washer	AISI 420	AISI 420	AISI 316
03C	6	Anilha Washer	Aço Steel	Aço Steel	A470
03D/F	*	Anilha Washer	Aço Steel	Aço Steel	A470
03E	4	Anilha Washer	Aço Steel	Aço Steel	A470
03H	1	Anilha Washer	Aço Steel	Aço Steel	A470
05A	1	Porca autoblocante Self-locking nut	AISI 304	AISI 304	AISI 304
05B	4	Porca Nut	Aço Steel	Aço Steel	A470
05C/E	*	Porca Nut	Aço Steel	Aço Steel	A470
09A	1	Chaveta do impulsor Impeller key	Aço Steel	Aço Steel	AISI 316
13B	1	Tampa do corpo Casing cover	EN-GJL-250	EN-GJL-250	G-CuSn10
16A	1	Junta tórica O'ring	EPDM	EPDM	EPDM
17	1	Corpo Casing	EN-GJL-250	EN-GJL-250	G-CuSn10
18A	2	Tampão Plug	Aço Steel	Aço Steel	AISI 316
34A	4	Parafuso Screw	Aço Steel	Aço Steel	A4-70
34B	1	Parafuso Screw	Aço Steel	Aço Steel	A4-70
34C	*	Parafuso Screw	Aço Steel	Aço Steel	A4-70
42	1	Anel de desgaste Wear ring	EN-GJL-250	Bronze	Bronze
45A	*	Perno Stud	Aço Steel	Aço Steel	A470
45B	6	Perno Stud	Aço Steel	Aço Steel	A470
49	1	Motor Motor			
52	1	Adaptador Adapter	EN-GJL-250	EN-GJL-250	EN-GJL-250
52A	1	Luva/União Joint	AISI 420	AISI 420	AISI 420
65	1	Empanque mecânico Mechanical seal	Car/Cer/EPDM	Car/Cer/EPDM	Car/Cer/EPDM

Designação | Designation

Série NNJME 65 - 200 GQ - c 15,0 2

NNJME - Eletrobomba
NNJMD - Motobomba

Diâmetro nominal de saída _____

Diâmetro nominal do impulsor _____

Código dos materiais da execução

GG Ferro fundido EN-GJS-250
GQ Ferro fundido EN-GJS-250 c/ impulsor em bronze
QQ Bronze G-CuSn10

Especificações complementares

b Chumaceira lubrificada a óleo
s Execução especial
g Empanque mecânico

Potência do Motor Elétrico _____

Número de Polos _____

Series NNJME 65 - 200 GQ - c 15,0 2

NNJME - Eletropump
NNJMD - Motopump

Nominal outlet diameter _____

Impeller nominal diameter _____

Code of execution materials

GG Cast iron EN-GJS-250
GQ Cast iron EN-GJS-250 with bronze impeller
QQ Bronze G-CuSn10

Complementary specifications

b Oil bearing bracket
s Special execution
g Mechanical seal

Power _____

Poles _____