

Technical Data

Electric Pumps > Close Coupled Centrifugal

> NM - Threaded



Three-phase 230/400 V		
Code	Type	HP
POC001	NM 1/A/E	0,5
POC004	NM 2/A/A	1
POC005	NM 3/C/A	1,5
POC006	NM 3/B/A	2

Single-phase 230 V		
Code	Type	HP
POC030	NMM 1/A/E	0,5
POC033	NMM 2/A/A	1
POC034	NMM 3/C/E	1,5
POC035	NMM 3/B/E	2

DESCRIPTION

Specifics

- Single impeller
- Flow-rate: 16 ÷ 140 l/m
- Head up: 47 ÷ 16,3 mH2O
- Ports: threaded PN 10 - in/out Ø 1"
- Power supply: 400 V 50 Hz
220 V 50 Hz
- Protection degree: IP 54
- Suction liftup: max 7 mt
- Pump body maximum pressure: 10 bar
- Continuous service

Materials

- Pump body and cap: cast iron
- Impeller: brass
- Shaft: AISI 303/430 stainless steel

Model	P ₂		Q	m ³ /h l/min	1,0	1,2	1,5	1,9	2,4	3,0	3,6	4,2	4,8	5,4	6,0	6,6	7,5	8,4	
	kW	HP			16,0	20,0	25,0	31,5	40,0	50,0	60,0	70,0	80,0	90,0	100,0	110,0	125,0	140,0	
NM 1/A/E*	0,37	0,5	mH2O	22,0	21,6	21,3	20,9	20,3	19,4	18,1	16,3								
NM 2/A/B*	0,75	1		33,5	33,0	32,5	32,0	31,5	30,5	29,5	28,5	27,0	26,0	24,0					
NM 3/C/A	1,1	1,5			37,5	37,5	37,0	36,5	36,0	35,0	34,0	32,0	30,5	28,5					
NM 3/B/A	1,5	2			47,0	47,0	46,5	46,0	45,5	45,0	44,0	43,0	41,5	40,0	37,5	33,0	26,0		

* Also with single-phase motor = NMM - P₂ Motor rated power - Tolerances according to UNI EN ISO 9906: 2012

Test results with cold, clean water, without gas

> NMD - Threaded



THREE-PHASE 230/400 V

Code	Type	HP
POC052	NMD 20/110A/B	1
POC053	NMD 20/140B/A	1,5
POC054	NMD 20/140A/A	2
POC062	NMD 40/180D/B	5,5
POC063	NMD 40/180C/A	7,5
POC064	NMD 40/180B/A	10
POC065	NMD 40/180A/B	12,5

SINGLE-PHASE 230 V

Code	Type	HP
POC068	NMDM 20/110A/A	1
POC069	NMDM 20/140B/E	1,5
POC070	NMDM 20/140A/E	2

DESCRIPTION

Specifics

- With two back-to-back impellers (with axial thrust balancing)
- Flow-rate: 16 ÷ 400 l/m
- Head up: 94 ÷ 25 mH2O
- Ports: threaded PN 10 - in/out Ø 1"
- Power supply: 400 V 50 Hz
220 V 50 Hz
- Protection degree: IP 54
- Suction liftup: max 7 mt
- Pump body maximum pressure: 10 bar
- Continuous service

Materials

- Pump body and cap: grey cast iron
- Impeller: brass
- Shaft: AISI 303/430 stainless steel

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Model	P ₂		Q	m ³ /h	1,0	1,2	1,5	1,9	2,4	3,0	3,6	4,2	4,8	5,4	6,0
	kW	HP		l/min	16,0	20,0	25,0	31,5	40,0	50,0	60,0	70,0	80,0	90,0	100,0
NMD 20/110A/B*	0,75	1	mH2O	43,0	42,0	40,5	39,0	36,5	33,0	29,0	25,0				
NMD 20/140B/A	1,1	1,5		53,0	52,5	52,0	51,0	50,0	48,0	46,0	43,5	40,0			
NMD 20/140A/A	1,5	2		67,0	66,5	66,0	64,5	63,0	61,5	59,0	57,0	53,5	50,0	46,0	

Model	P ₂		Q	m ³ /h	7,5	8,4	9,6	10,8	12,0	13,2	15,0	16,8	18,9	21,0	24,0
	kW	HP		l/min	125	140	160	180	200	220	250	280	315	350	400
NMD 40/180D/B	4	5,5	mH2O	60,0	59,5	57,0	56,0	53,0	51,5	48,0	44,0	39,0	34,0**	25,0**	
NMD 40/180C/A	5,5	7,5		69,0	68,0	67,0	66,0	64,5	63,0	60,0	57,0	53,0	48,0**	40,0**	
NMD 40/180B/A	7,5	10		87,0	86,0	85,0	84,0	82,5	81,0	78,0	75,0	71,0	66,0**	59,0**	
NMD 40/180A/B	9,2	12,5		94,0	93,0	92,0	91,0	89,5	88,0	85,0	82,0	78,0	74,0**	67,0**	

*Also with single-phase motor = NMDM - **Maximum manometric suction height 1-2 m - P₂ Motor rated power - Tolerances according to UNI EN ISO 9906: 2012
Test results with cold, clean water, without gas

> NM - Three-phase - Flanged



Model	DN flange	
	Input	Output
NM 32	50	32
NM 40	65	40
NM 50	65	50
NM 65	80	65

DESCRIPTION

Specifics

- Single impeller
- Flow-rate: 110 ÷ 2350 l/m
- Head up 80,5 ÷ 9,2 mH2O
- Ports: flanged PN 16
- Power supply: 400 V 50 Hz
- Protection degree: IP 54
- Suction liftup: max 7 mt
- Pump body maximum pressure: 10 bar
- Continuous service

Materials

- Pump body and cap: grey cast iron
- Shaft: AISI 303/430 stainless steel
- Impeller: cast iron (brass for NM 32)

Code	Type	HP	Code	Type	HP	Code	Type	HP	Code	Type	HP
POC083	NM 32/12S/A	2	POC091	NM 40/12A/C	3	POC106	NM 50/16B/B	7,5	POC114	NM 65/12E/C	5,5
POC085	NM 32/16A/B	3	POC092	NM 40/16C/C	3	POC107	NM 50/16A/B	10	POC115	NM 65/12C/B	7,5
POC087	NM 32/20C/A	4	POC093	NM 40/16B/B	4	POC108	NM 50/20B/C	12,5	POC116	NM 65/12A/B	10
POC088	NM 32/20A/B	5,5	POC094	NM 40/16A/C	5,5	POC109	NM 50/20A/C	15	POC117	NM 65/16D/B	10
			POC095	NM 40/20D/B	5,5	POC110	NM 50/20S/C	20	POC119	NM 65/16B/C	15
			POC096	NM 40/20C/B	5,5	POC111	NM 50/25C/C	15	POC121	NM 65/16A/B	20
			POC097	NM 40/20B/A	7,5	POC112	NM 50/25B/C	20	POC122	NM 65/20C/C	20
			POC098	NM 40/20A/A	10	POC113	NM 50/25A/C	25	POC123	NM 65/20B/C	25

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NM 32	P ₂		Q	m ³ /h l/min	6,6	7,5	8,4	9,6	10,8	12,0	13,2	15,0	16,8	18,9	21,0	24,0			
	kW	HP			110	125	140	160	180	200	220	250	280	315	350	400			
NM 32/12S/A	1,5	2	mH2O		23,5	23,5	23,0	22,5	22,0	21,5	21,0	20,5	19,0	18,5	16,5	13,0			
NM 32/16A/B	2,2	3			35,5	35,5	35,0	34,5	34,0	33,5	33,0	32,0*	30,0*						
NM 32/20C/A	3	4			45,0	44,5	44,0	43,5	42,5	41,0	40,0	38,0	36,0						
NM 32/20A/B	4	5,5			57,5	57,0	56,0	55,5	55,0	54,5	53,5	51,5	49,0						
NM 40	P ₂		Q	m ³ /h l/min	15,0	16,8	18,9	21,0	24,0	27,0	30,0	33,0	37,8	39,0	42,0	45,0	48,0		
	kW	HP			250	280	315	350	400	450	500	550	630	650	700	750	800		
NM 40/12A/C	2,2	3	mH2O		22,0	22,0	21,5	21,0	20,0	19,0	18,0	16,5	14,0	13,0	11,5				
NM 40/16C/C	2,2	3			23,0	22,5	22,0	21,5	20,0	18,5	16,5	14,5	11,0	10,0					
NM 40/16B/B	3	4			29,0	28,8	28,0	27,5	26,5	25,0	23,5	21,5	18,0	17,0	14,0				
NM 40/16A/C	4	5,5			37,0	36,5	36,5	36,0	35,0	33,5	32,0	30,5	27,0	26,0	23,5	20,0	17,0		
NM 40/20D/C	4	5,5			39,0	38,0	37,0	35,5	33,5	30,5	27,0	22,5	14,0						
NM 40/20C/C	4	5,5			41,5	40,5	39,5	38,0	36,0	33,5									
NM 40/20B/A	5,5	7,5			50,0	49,5	48,5	47,5	45,5	43,5	41,5	37,5	30,5						
NM 40/20A/A	7,5	10			57,5	57,0	56,5	55,5	54,5	52,5	50,5	48,0	42,5	40,5	35,0				
NM 50	P ₂		Q	m ³ /h l/min	24,0	27,0	30,0	33,0	37,8	42,0	48,0	54,0	60,0	66,0	69,0	72,0	75,0	78,0	81,0
	kW	HP			400	450	500	550	630	700	800	900	1.000	1.100	1.150	1.200	1.250	1.300	1.350
NM 50/16B/B	5,5	7,5	mH2O				31,0	30,5	29,5	28,0	26,0	24,0	21,5	19,0	17,5	15,5	13,5	11,5	9,5
NM 50/16A/B	7,5	10					38,5	38,0	37,5	36,5	34,5	32,5	30,0	27,0	25,5	24,0	22,5	20,5	19,0
NM 50/20B/C	9,2	12,5			48,0	47,5	47,5	47,0	45,5	44,5	42,5	40,0	37,0	33,0	30,5	28,0	25,5	23,0	
NM 50/20A/C	11	15			55,0	55,0	54,5	54,5	53,5	52,0	50,0	48,0	45,0	41,5	39,5	37,0	35,0	32,5	
NM 50/20S/C	15	20			60,0	60,0	59,5	59,5	58,5	57,5	55,5	53,5	50,5	47,0	45,0	43,0	40,5	37,0	
NM 50/25C/C	11	15			55,0	54,5	54,0	53,0	51,5	49,5	46,0	41,5	35,5	28,5	24,5				
NM 50/25B/C	15	20			69,0	68,5	68,0	67,5	66,0	64,0	61,0	57,0	52,5	46,5	43,0				
NM 50/25A/C	18,5	25			80,5	80,5	80,0	79,5	78,5	77,0	74,5	71,5	67,0	61,5	58,5				
NM 65	P ₂		Q	m ³ /h l/min	37,8	42,0	48,0	54,0	60,0	66,0	75,0	84,0	96,0	108,0	120,0	132,0	141,0		
	kW	HP			630	700	800	900	1.000	1.100	1.250	1.400	1.600	1.800	2.000	2.200	2.350		
NM 65/12E/C	4	5,5	mH2O		16,5	16,4	16,2	15,9	15,5	15,1	14,3	13,2	11,4	9,2					
NM 65/12C/B	5,5	7,5			21,1	21,0	20,8	20,6	20,3	19,9	19,1	18,2	16,5	14,4	11,8				
NM 65/12A/B	7,5	10			25,9	25,8	25,6	25,4	25,1	24,8	24,1	23,3	21,9	20,0	17,6				
NM 65/16D/B	7,5	10					24,3	24,1	23,9	23,6	23,1	22,3	20,8	18,8	16,3				
NM 65/16B/C	11	15					32,6	32,5	32,3	32,0	31,5	30,8	29,5	27,9	25,7	23,0			
NM 65/16A/C	15	20					40,5	40,4	40,2	40,0	39,5	38,8	37,6	36,1	34,2	31,7			
NM 65/20C/C	15	20					44,0	43,8	43,5	43,1	42,3	41,2	39,4	37,1	34,4	31,4	28,8		
NM 65/20B/C	18,5	25					50,5	50,4	50,2	49,9	49,2	48,3	46,8	44,8	42,5	39,8	37,5		

* Maximum manometric suction height 1-2 m - P₂ Motor rated power - Tolerances according to UNI EN ISO 9906: 2012

Test results with cold, clean water, without gas

Pumps