

Technical Data

Electric Pumps > Self-Priming

> NGX - Threaded



THREE-PHASE 230/400 V

Code	Type	HP
POC210	NGX 2/80	0,75
POC211	NGX 3/100	0,9
POC212	NGX 4/110	1
POC213	NGX 4/16	1,5
POC219	NGX 6/18/A	2

SINGLE-PHASE 230 V

Code	Type	HP
POC221	NGXM 2/80	0,75
POC222	NGXM 3/100	0,9
POC223	NGXM 4/110	1
POC224	NGXM 4/16	1,5
POC230	NGXM 6/18	2

DESCRIPTION:

- | Specifics | |
|--|-------------------------------------|
| • Self-priming close coupled | • Power supply: 400 V 50 Hz |
| • Built-in ejector | 220 V 50 Hz |
| • Flow-rate: 5 ÷ 100 l/m | • Protection degree: IP 54 |
| • Head up: 58 ÷ 19,1 mH2O | • Pump body maximum pressure: |
| • Ports: threaded PN 10 - in/out Ø 1" | 8 bar |
| | • Continuous service |
| Materials | |
| • Pump body and cap:
AISI 304 stainless steel | • Shaft: AISI 430 stainless steel |
| • Impeller: brass | • Diffusor/ejector: PPOGF20 (Norly) |

Three-phase	A		Single-phase	P ₁		P ₂		Q	m ³ /h															
	230V	400V		A	kW	kW	HP		0	0,3	1,0	2,0	2,4	3,0	3,2	3,6	4,0	4,5						
NGX 2/80	2,8	1,6	NGXM 2	3,8	0,8	0,55	0,75	mH2O	46,8	43,0	35,2	26,7	23,9	20,2	19,1									
NGX 3/100	3,0	1,7	NGXM 3/A	4,5	0,95	0,65	0,9		50	45,9	39,4	31,3	28,5	24,8	23,7	21,7								
NGX 4/110	3,7	2,2	NGXM 4/A	5,4	1	0,75	1		41,6	40,0	36,6	31,9	30,0	27,3	26,4	24,6	23,0	21,1						
Three-phase	A		Single-phase	P ₁		P ₂		Q	m ³ /h															
	230V	400V		A	kW	kW	HP		0	0,5	1,0	2,0	2,4	3,0	4,0	4,5	5,0	5,5	6,0					
NGX 4/16	4,5	2,6	NGXM 4/16	7	1,6	1,1	1,5	mH2O	57,5	54,0	47,3	40,0	37,5	34,0	28,5	26,0								
NGX 6/18/A	7,5	4,3	NGXM 6/18	9,2	2	1,5	2		58	54,7	51,5	46,0	44,0	41,3	37,0	34,7	32,5	30,5	28,5					

P₁ Maximum absorbed power - P₂ Motor rated power - Tolerances according to UNI EN ISO 9906: 2012

> NGL - Threaded



THREE-PHASE 230/400 V

Code	Type	HP
POC231	NGL 2/80	0,75
POC232	NGL 3/100	0,9
POC234	NGL 4/110	1

SINGLE-PHASE 230 V

Code	Type	HP
POC235	NGLM 2/80	0,75
POC236	NGLM 3/100	0,9
POC238	NGLM 4/110	1

DESCRIPTION:

- | Specifics | |
|---------------------------------------|-------------------------------------|
| • Self-priming close coupled | • Power supply: 400 V 50 Hz |
| • Built-in ejector | 220 V 50 |
| • Flow-rate: 5 ÷ 75 l/m | • Protection degree: IP 54 |
| • Head up: 41,6 ÷ 19,1 mH2O | • Pump body maximum pressure: |
| • Ports: threaded PN 10 - in/out Ø 1" | 8 bar |
| | • Continuous service |
| Materials | |
| • Pump body: cast iron | • Shaft: AISI 430 stainless steel |
| • Pump cap: AISI 304 stainless steel | • Diffusor/ejector: PPOGF20 (Norly) |
| • Impeller: brass | |

Three-phase	A		Single-phase	P ₁		P ₂		Q	m ³ /h														
	230V	400V		A	kW	kW	HP		0	0,3	1,0	2,0	2,4	3,0	3,2	3,6	4,0	4,5					
NGL 2/80	2,8	1,6	NGLM 2/80	3,8	0,8	0,55	0,75	mH2O	46,8	43,0	35,2	26,7	23,9	20,2	19,1								
NGL 3/100	3,0	1,7	NGLM 3/100	4,5	0,95	0,65	0,9		50,0	45,9	39,4	31,3	28,5	24,8	23,7	21,7							
NGL 4/110	3,7	2,2	NGLM 4/110	5,4	1	0,75	1		41,6	40,0	36,6	31,9	30,0	27,3	26,4	24,6	23,0	21,1					

P₁ Maximum absorbed power - P₂ Motor rated power - Tolerances according to UNI EN ISO 9906: 2012