

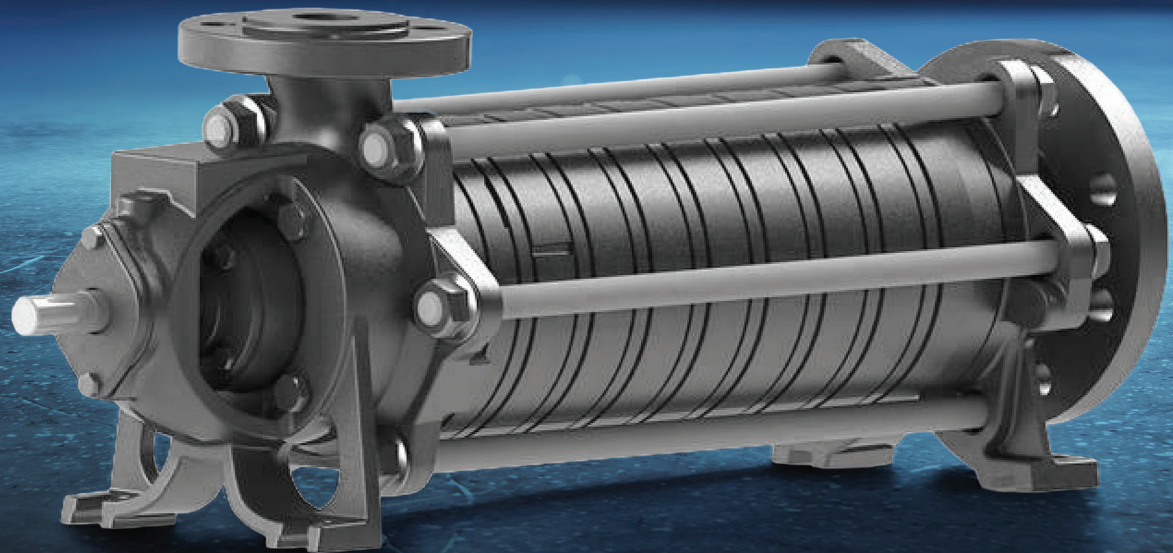


## MODELS INCLUDED

GXM 3000 • GXM 4000 • GXM 5000 • GXM 6000 Series

## GXM SERIES

Premium LPG & Fuel Transfer Technology



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# ABOUT US

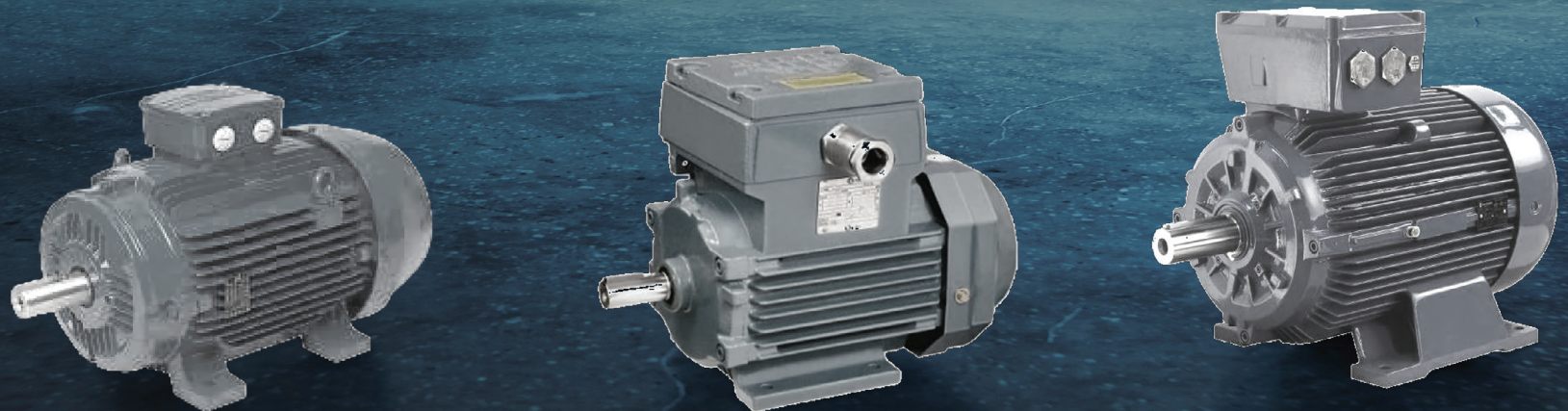


At Jetax®, we engineer high-performance fluid handling equipment designed to meet the **toughest industrial** and commercial challenges.

Jetax GXM Series: The ultimate industrial-grade solution for high-performance LPG, ammonia, and fuel transfer—engineered for extreme reliability, efficiency, and durability in the world's toughest environments.

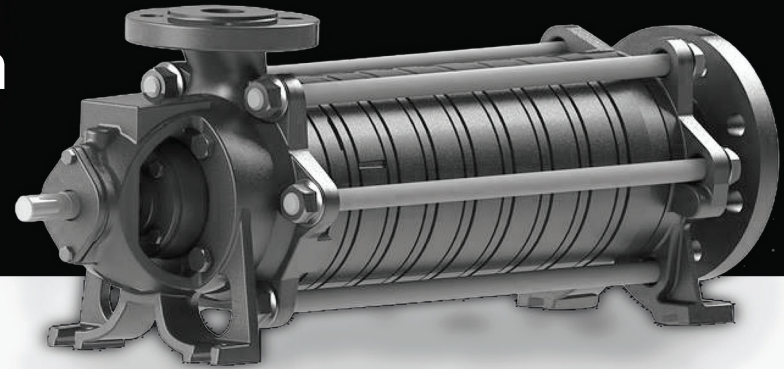
## Our Commitment

Designed with a cavitation-resistant hydraulic profile, it delivers exceptional volumetric efficiency—up to 92%—even under high operating pressures reaching 580 PSI. Built with forged steel internals, triple bearing support, and high-grade sealing materials, the GXM Series is suitable for continuous duty across extreme temperature ranges from -40°C to 120°C. Smart maintenance features such as quick-change mechanical seal cartridges, modular construction, and optional IoT monitoring ports help reduce service time significantly and contribute to a reliable lifecycle performance with MTBF ratings exceeding 30,000 operating hours.



# Innovation in Motion, Power in Action

Where engineering excellence meets unstoppable performance in LPG & fuel transfer. Precision-built systems that conquer extreme demands with relentless reliability.



## Product Overview

The Jetax GXM Series represents the pinnacle of American-engineered LPG transfer technology, designed to exceed U.S. safety, efficiency, and durability standards (ASME B31.3, NFPA 58, OSHA 29 CFR 1910.110). These heavy-duty, self-priming side-channel pumps deliver consistent performance even in the most challenging operating conditions, making them the ideal choice for industrial, commercial, and bulk LPG handling.

## Key Advantages

### Exceptional Suction Capability

- Handles LPG, propane, butane, and clean liquids with entrained gas (up to 20% vapor content).
- Self-priming design eliminates dry-run risks, even with low NPSH (Net Positive Suction Head) conditions.

### Rugged, Corrosion-Resistant Construction

- ANSI-grade stainless steel and hardened alloy components resist chemical degradation and abrasive fluids.
- Explosion-proof motor options (Class I, Division 1/2) for hazardous environments.

### Energy-Efficient Operation

- Optimized hydraulic design reduces power consumption by up to 15% vs. conventional pumps.
- Low-noise (<75 dB) for compliance with OSHA workplace regulations.

### Built for Easy Maintenance

- Modular assembly allows rapid seal, bearing, or impeller replacement without full disassembly.
- Standardized ports (2" to 4" NPT) simplify integration with existing systems.

## Key Advantages



**Low-noise**  
operation for industrial  
and commercial use



**High suction**  
capability for reliable  
performance



**Corrosion-resistant**  
construction (SS/ANSI-  
grade materials)

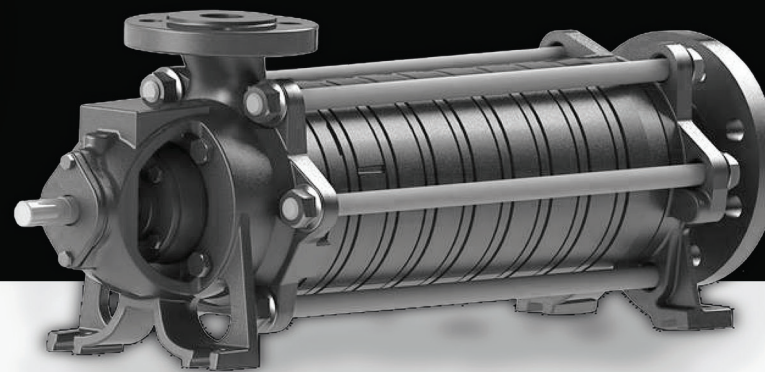


**Design**  
Modular design for  
easy maintenance



# Reliability Fuels Global Operations

we power industries worldwide with unmatched dependability in LPG & fuel transfer technology. Our systems keep critical operations running 24/7—from Arctic cold to desert heat



## Applications



LPG bulk transfer



Petrochemical loading/unloading



Portable tank refueling



Cylinder filling stations

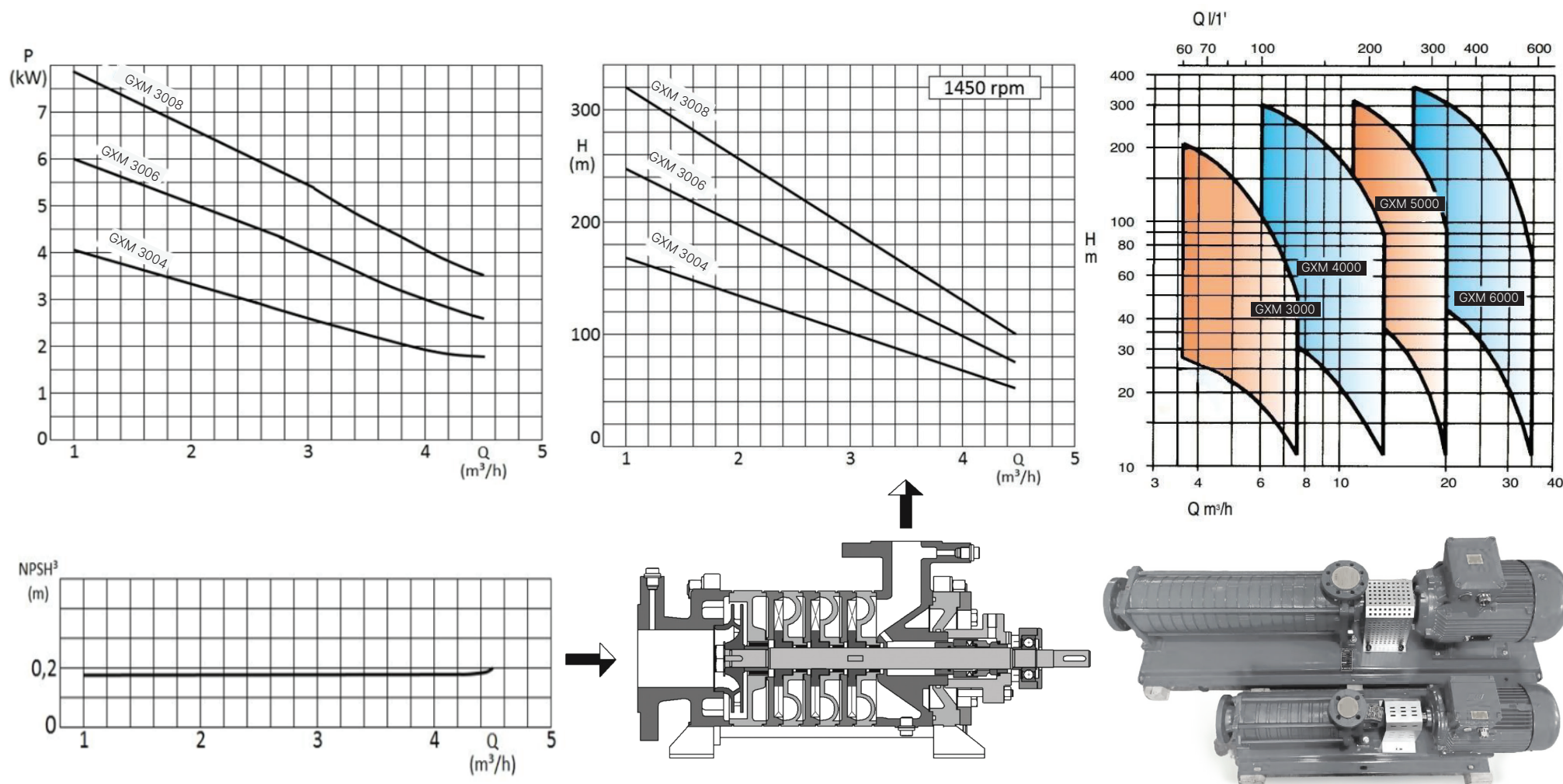
## Technical Specifications

Parameter	Value
Max. Operating Pressure	300 PSI
Ambient Temperature	-20°F to 140°F (-29°C to 60°C)
Max. Flow Rate	Up to 35 m <sup>3</sup> /h (154 GPM)
Inlet/Outlet Sizes	2" to 4" NPT (varies by model)
Drive System	Direct-coupled, high-efficiency motors





# Jetax GXM Series LPG Transfer Pump Performance Curves



## Key Advantages



**Low-noise**  
operation for industrial  
and commercial use



**High suction**  
capability for reliable  
performance



**Corrosion-resistant**  
construction (SS/ANSI-  
grade materials)



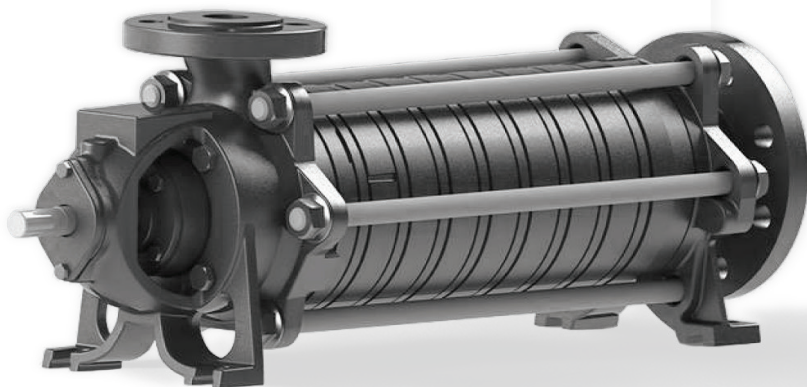
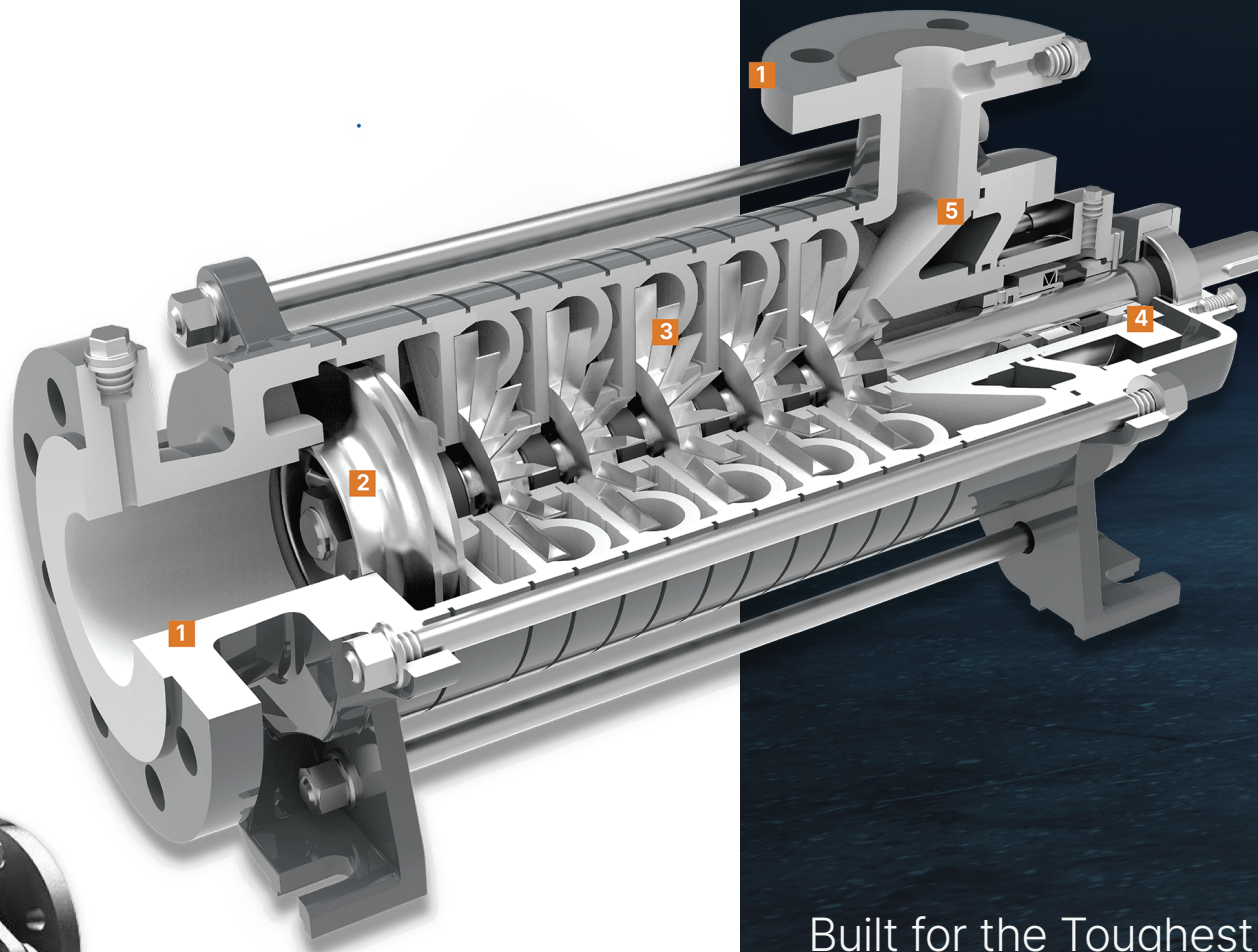
**Design**  
Modular design for  
easy maintenance

## Pump Design

# Performance Features

### Features

- 1** Rugged and compact cast design in several configurations. Large cross section of axial fluid flow.
- 2** Special NPSH-stage casing and suction impeller provides low NPSH requirements.
- 3** Open star impeller with balancing holes. Self-balanced and free of axial thrust.
- 4** Large number of application specific standardized mech. seals. Component seals according to API 682.
- 5** Ability to cooling or heating the space around the stuffing box through auxiliary connections.



### Built for the Toughest Challenges

From Arctic cold to desert heat, Jetax GXM pumps ensure explosion-proof, low-NPSH performance with modular designs that slash downtime by 80%.



CAPACITY Q	m³/h	3,6		4,8		6		7,5	
	L/min	60		80		100		125	
MODEL	FLANGES IN=ø 65 OUT= ø 32	H	kW	H	kW	H	kW	H	kW
GXM 3004		108	4,1	82	3,3	59	2,6	28	1,7
GXM 3005		132	5	102	4,1	72	3,2	34	2,1
GXM 3006		156	5,8	120	4,8	85	3,7	40	2,4
GXM 3007		181	6,7	140	5,5	98	4,3	46	2,7
GXM 3008		205	7,7	158	6,3	110	4,9	52	3,2
NPSH	m	0,9		0,95		1,1		1,4	
NPSH Δ	m	0,16		0,17		0,18		0,20	

CAPACITY Q	m³/h	6		7,5		9		10,5		12	
	L/min	100		125		150		175		200	
MODEL	FLANGES IN=ø 80 OUT= ø 40	H	kW	H	kW	H	kW	H	kW	H	kW
GXM 4004		152	8,6	125	7,6	100	6,5	72	5,5	46	4,5
GXM 4005		188	10,6	158	9,4	124	8,1	90	6,9	58	5,6
GXM 4006		225	12,6	186	12,1	148	9,6	108	8,2	69	6,7
GXM 4007		262	14,7	218	13	170	11,2	125	9,4	79	7,7
GXM 4008		300	16,6	247	14,7	195	12,9	142	10,8	90	8,7
NPSH	m	0,85		0,9		0,95		1,05		1,15	
NPSH Δ	m	0,22		0,24		0,28		0,35		0,45	

CAPACITY Q	m³/h	10,5		12		15		18		20	
	L/min	175		200		250		300		334	
MODEL	FLANGES IN=ø 100 OUT= ø 50	H	kW	H	kW	H	kW	H	kW	H	kW
GXM 5004		158	16,1	145	15	115	12,9	79	10,5	49	8,4
GXM 5005		197	20	178	18,5	140	15,8	98	12,8	60	10,1
GXM 5006		230	23,8	210	22	166	18,6	116	15	70	12
GXM 5007		270	27,3	245	25,5	195	21,5	135	17,4	81	13,9
GXM 5008		305	31	280	29	224	24,5	155	19,8	92	15,6
NPSH	m	0,95		1		1,1		1,25		1,35	
NPSH Δ	m	0,35		0,4		0,45		0,55		0,65	

CAPACITY Q	m³/h	16		18		21		24		30		35	
	L/min	267		300		350		400		500		584	
MODEL	FLANGES IN=ø 100 OUT= ø 65	H	kW	H	kW	H	kW	H	kW	H	kW	H	kW
GXM 6004		179	29	169	27	150	25	126	22,5	79	17,5	35	13
GXM 6005		221	36	207	33,5	183	30	156	27,5	95	21	42	12,5
GXM 6006		264	42,5	248	40	219	36	185	32,5	114	25	52	18,5
GXM 6007		305	49	286	46	252	42	216	37,5	130	28	60	21
GXM 6008		349	56	327	52,5	289	47,5	245	42,5	150	32,5	69	24
NPSH	m	1,3		1,3		1,3		1,35		1,5		1,65	
NPSH Δ	m	0,36		0,38		0,43		0,5		0,68		0,85	



**GXM SERIES**



**JETAX FIELD EQUIPMENTS DEVELOPMENT AND DESIGN LLC**

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**Jetax®**