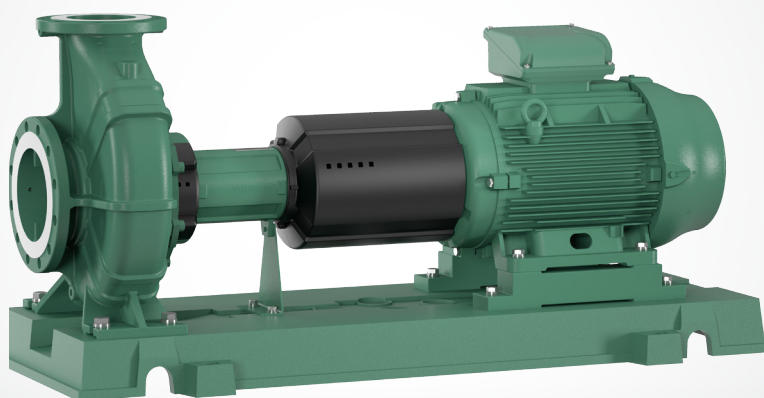


Pioneering for You

wilo

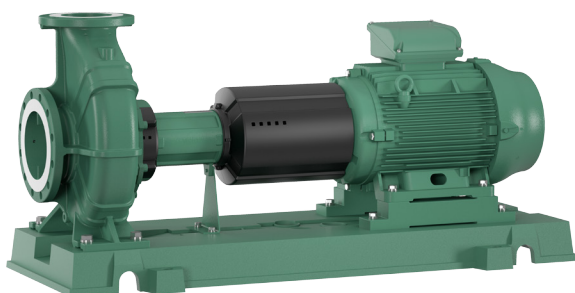
Range Leaflet – Edition 2020 – 50 Hz

Wilo-Atmos GIGA-N



Wilo-Atmos GIGA-N

The standard pump for universal applications and a long service life.



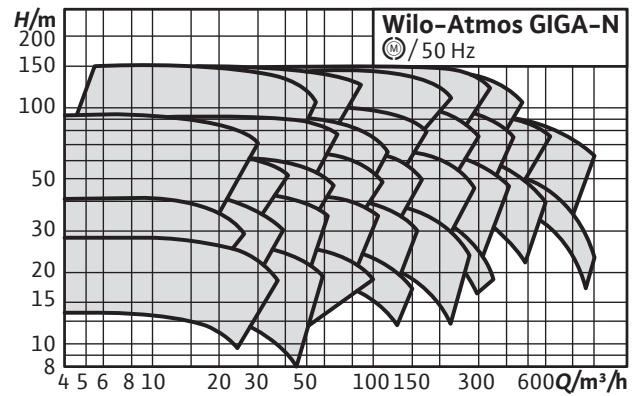
Energy-saving thanks to increased overall efficiency through improved hydraulics and the use of IE3 motors

Cataphoretic coating of all cast components for high corrosion resistance and long service life

Universally usable thanks to standardised dimensions, a range of motor options and impellers made of different materials

Easy maintenance thanks to user-friendly spacer coupling in back pull-out design

High operational reliability thanks to improved impeller construction for pressure reduction



The Wilo-Atmos GIGA-N is the entry-level model for glanded pumps. The wide range of motors and materials to choose from plus its wide temperature range from -20 to $+140$ °C make it a real all-rounder for a whole host of different applications.

Designed specifically for continuous duty, the pump also boasts a long service life thanks to its corrosion-resistant coatings and maintenance-free roller bearings. If maintenance is required, the spacer coupling ensures the mechanical seal can be replaced as quickly as possible. The speed of the Wilo-Atmos GIGA-N is controlled by a Wilo-EFC converter. It can be fitted with temperature and vibration monitoring for the pump bearing so that impending breakdowns can be recognised in good time.

Construction

Single-stage, low-pressure centrifugal pump with axial suction, mounted on a baseplate. Standard version with spacer coupling.

Type key

Example	Atmos GIGA-N 40/200-11/2
Atmos	Product family
GIGA	Series designation
N	Standard pump with axial suction
40	DN for the pressure flange
200	Impeller nominal diameter [mm]
11	Rated power P2 [kW]
2	Number of poles

Application

- The pumping of heating water (in accordance with VDI 2035), cold water and water-glycol mixtures without abrasive substances in heating, cold water and cooling systems.
- Applications for irrigation, building services, general industry, power stations, etc.

Technical data

- Permissible temperature range of -20 °C to $+140$ °C
- Mains connection 3~400 V, 50 Hz
- Protection class IP55
- Nominal diameter DN 32 to DN 150
- Max. operating pressure 16 bar

Equipment/function

Single-stage low-pressure centrifugal pump in monobloc design with coupling, coupling guard, motor and baseplate

- Mechanical seal

Materials

- Pump housing and lantern. Standard: EN-GJL-250
- Impeller: Standard: EN-GJL-200; others on request
- Shaft: 1.4021
- Mechanical seal: AQEGG; other mechanical seals on request

Description/construction

- Single-stage low-pressure centrifugal pump as base-plate pump with axial suction ports with flanged bearing brackets and axle fastening for flexibly coupled drives
- Spacer coupling (sleeve coupling) is standard; this provides the option of leaving the motor in position when dismantling the rotor unit
- Variant ...-P5 without spacer coupling (at reduced price, see price list)

Scope of delivery

- Pump
- Installation and operating instructions
- Bare shaft pump **or**
- Pump on baseplate with coupling and coupling guard, without motor **or**
- Completely mounted pump on baseplate with electric motor

Options

- Variant ...-P5 without spacer coupling (at reduced price)
- Other materials and versions on request
- Other voltages and frequencies available on request.

Commissioning

- If pumps with 2900 rpm are installed inside residential buildings, then corresponding noise reducing measures are to be implemented.
- Pump curves and specific motor powers depend on the respective fluid being pumped. Pump curves and power vary considerably when fluids are conveyed that differ from water in thickness and/or viscosity.

For this, please observe the table “Recommended limit values for dimensioning”. The recommended limit values for dimensioning are calculated as follows: Optimum (volume flow at which the pump reaches its best efficiency), to be read from the individual pump curve; Q_{min} and Q_{max} factors to be taken from the “Recommended limit values for dimensioning” table. Q_{min} configuration = Q_{min} x Q_{optimum} Q_{max} configuration = Q_{max} x Q_{optimum} example: Size of Atmos GIGA-N 032-125 Q_{min} = 0.3 x 8 = 2.4 m³/h Q_{max} = 1.2 x 8 = 9.6 m³/h

- Load-sensitive pump output All Wilo standard pumps are equipped with IEC standard motors. The Wilo control devices are suitable for automatic load-sensitive speed control of pumps that are driven by any standard motors of conventional manufacture.
- Main/standby operation

Accessories

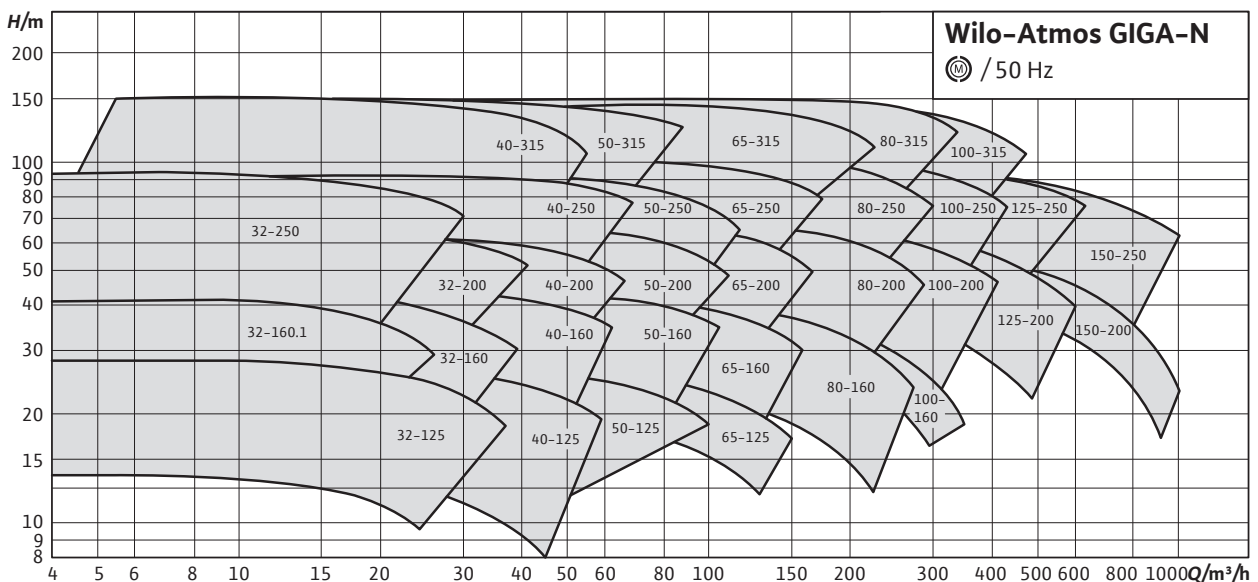
Automatic speed control:

for automatic, infinitely variable pump power control.

Please contact Wilo for more information on “Switchgears and control devices”.

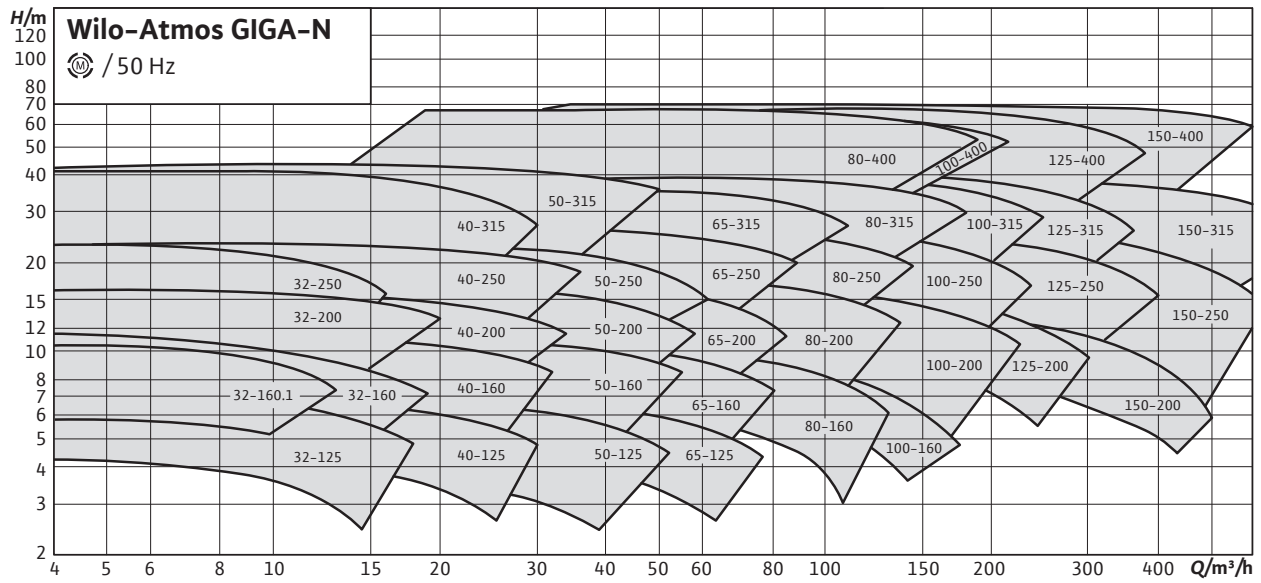
Duty chart (big)

Wilo-Atmos GIGA-N (2pl)



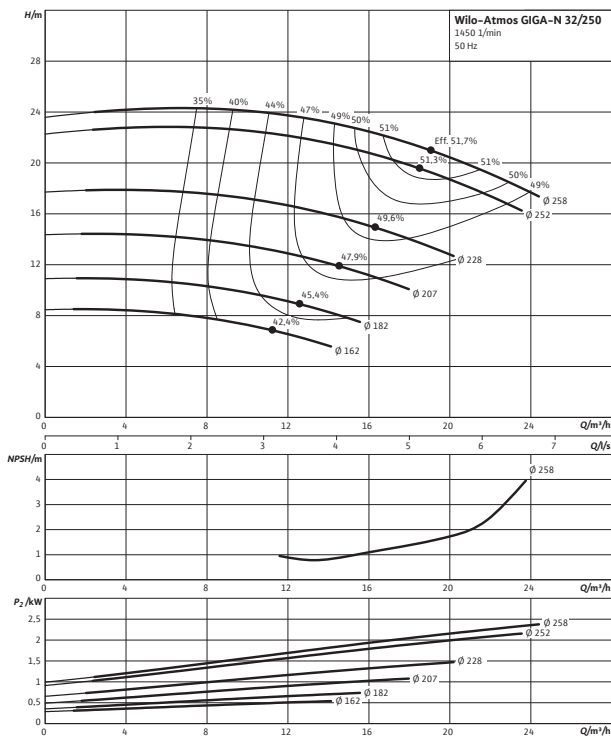
Duty chart (big)

Wilo-Atmos GIGA-N (4pl)



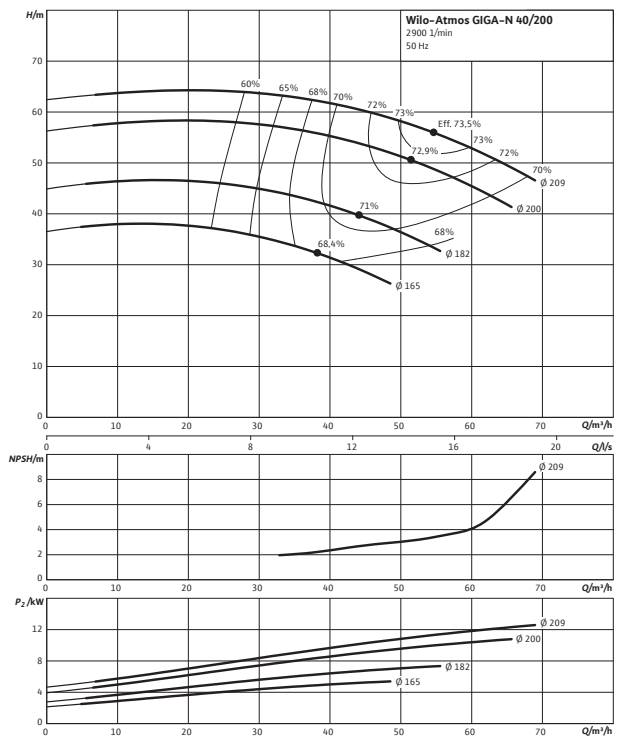
Pump curve

Wilo-Atmos GIGA-N 32/250/4



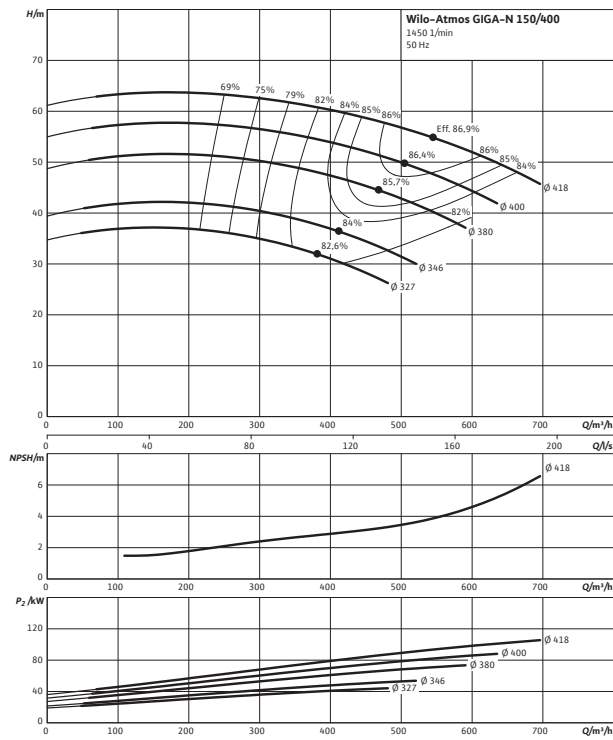
Pump curve

Wilo-Atmos GIGA-N 40/200/2



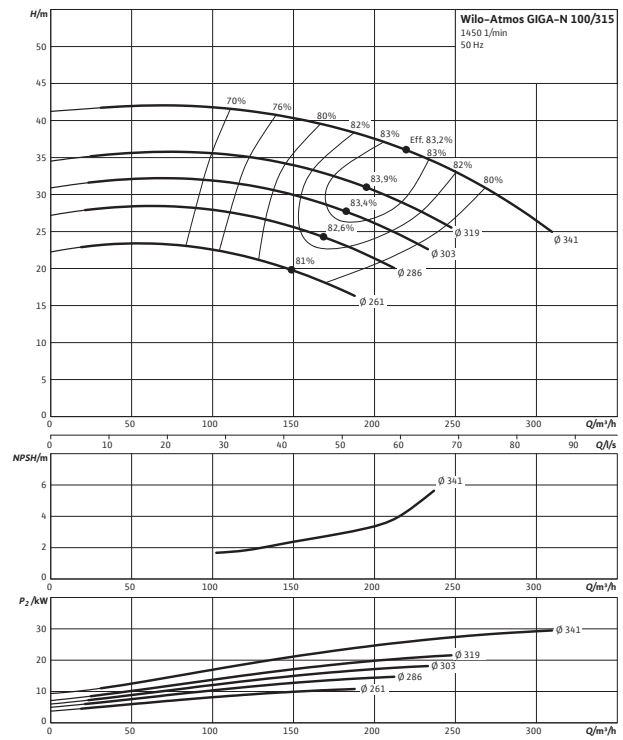
Pump curve

Wilo-Atmos GIGA-N 150/400/4



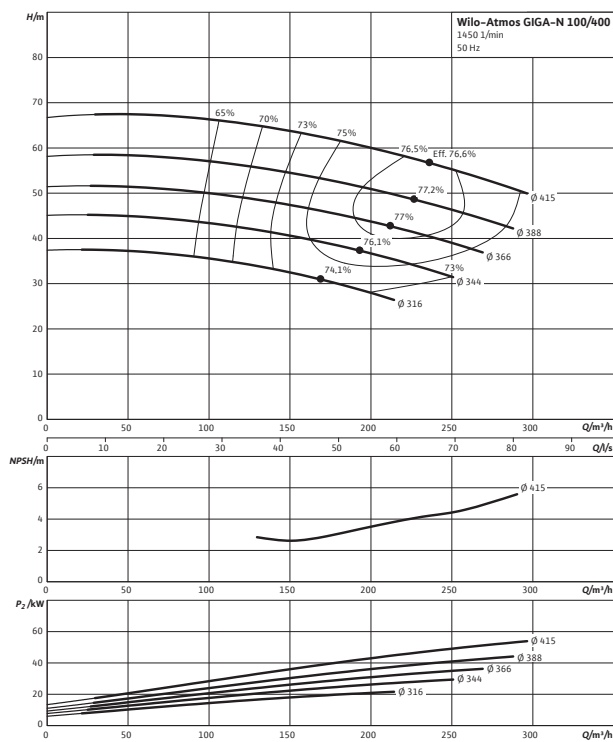
Pump curve

Wilo-Atmos GIGA-N 100/315/4



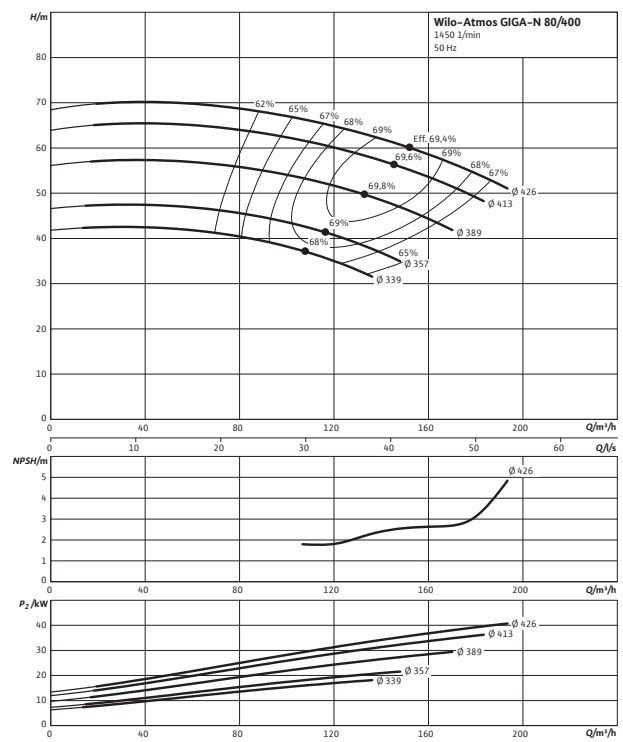
Pump curve

Wilo-Atmos GIGA-N 100/400/4



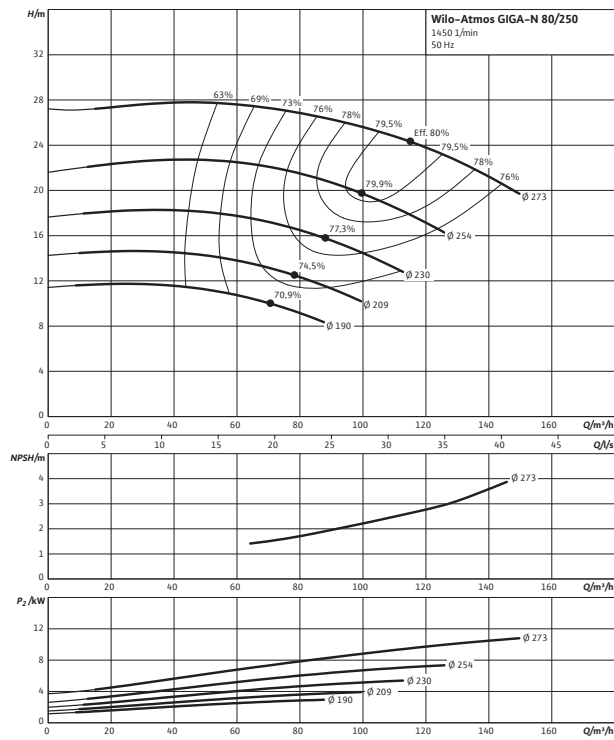
Pump curve

Wilo-Atmos GIGA-N 80/400/4



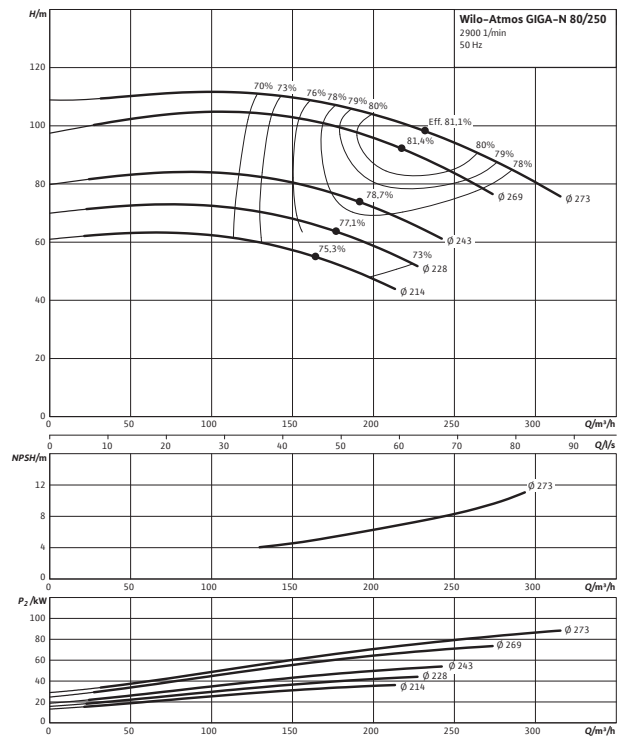
Pump curve

Wilo-Atmos GIGA-N 80/250/4



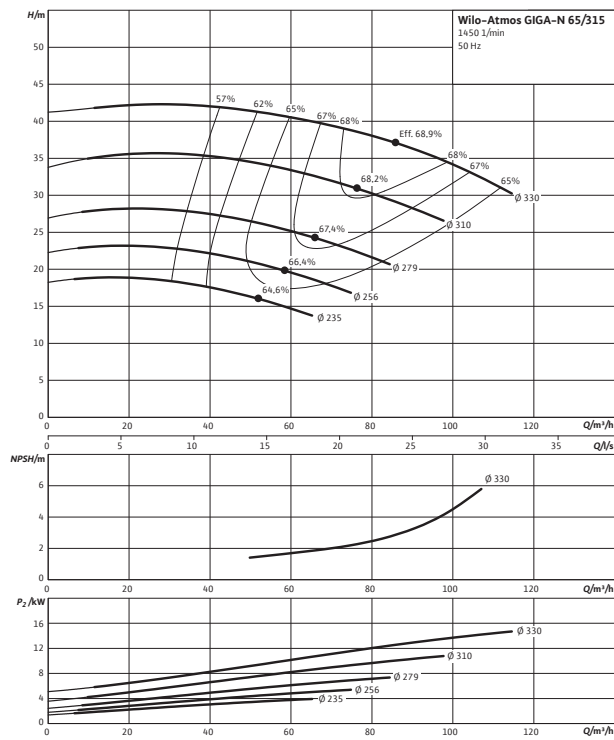
Pump curve

Wilo-Atmos GIGA-N 80/250/2



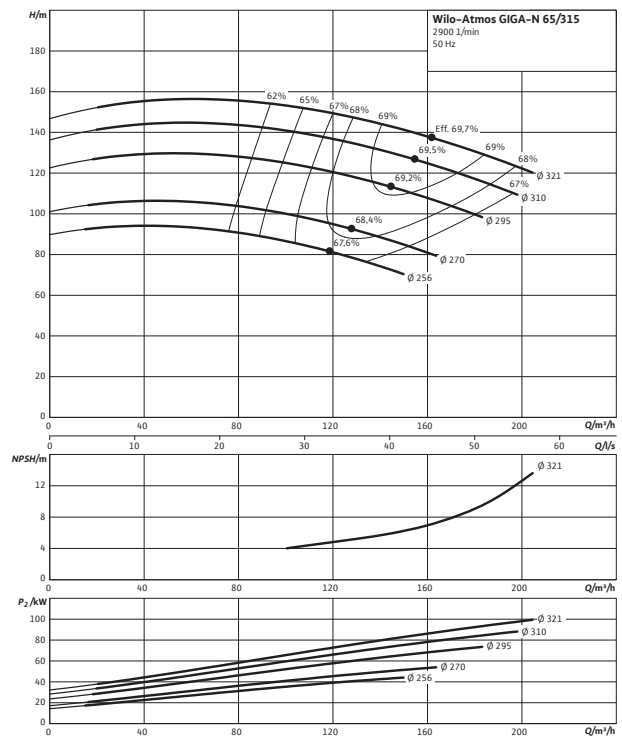
Pump curve

Wilo-Atmos GIGA-N 65/315/4



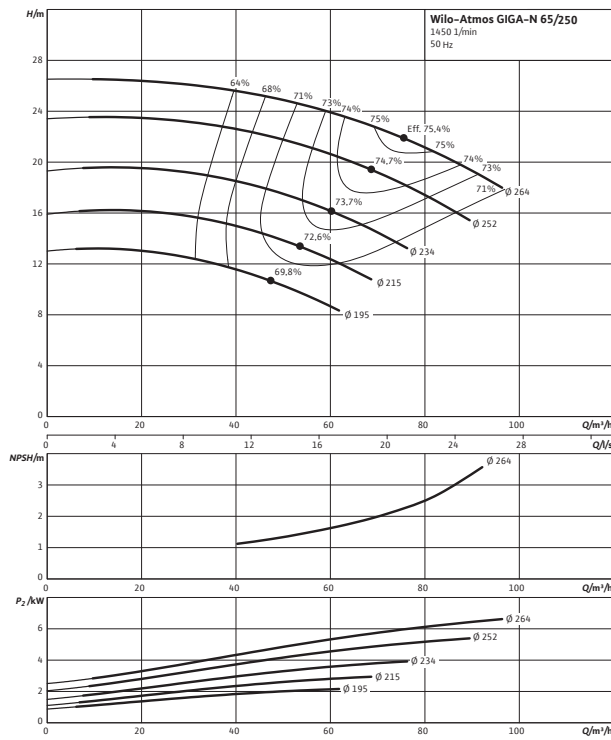
Pump curve

Wilo-Atmos GIGA-N 65/315/2



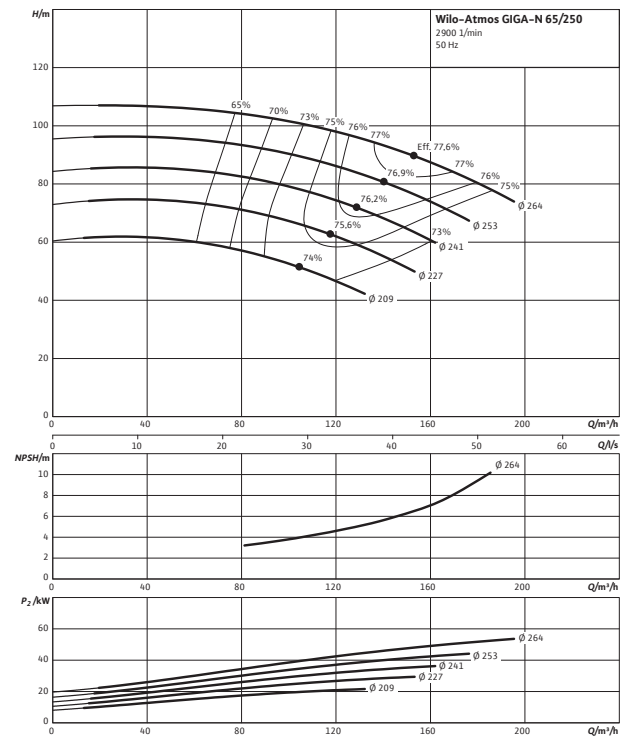
Pump curve

Wilo-Atmos GIGA-N 65/250/4



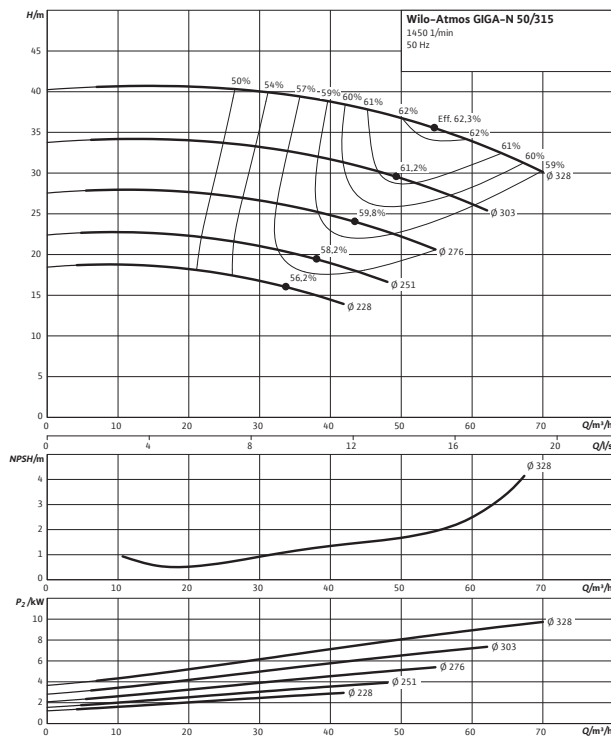
Pump curve

Wilo-Atmos GIGA-N 65/250/2



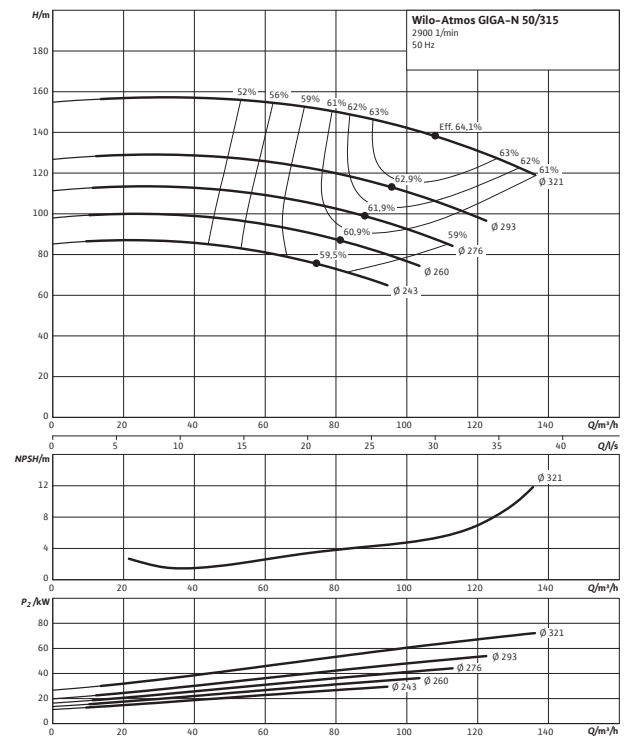
Pump curve

Wilo-Atmos GIGA-N 50/315/4



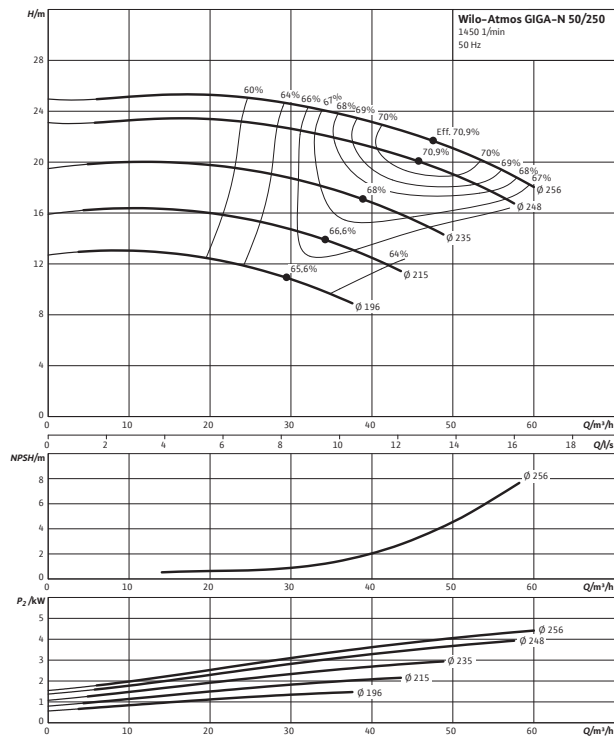
Pump curve

Wilo-Atmos GIGA-N 50/315/2



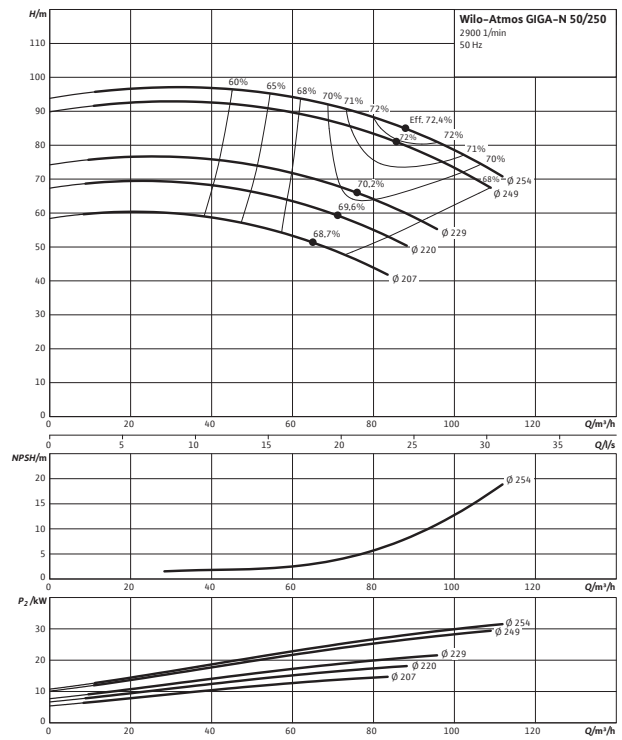
Pump curve

Wilo-Atmos GIGA-N 50/250/4



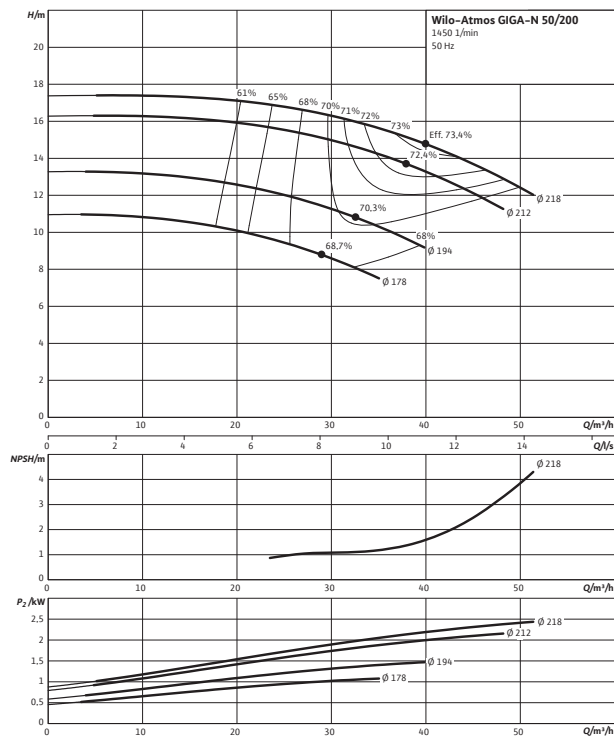
Pump curve

Wilo-Atmos GIGA-N 50/250/2



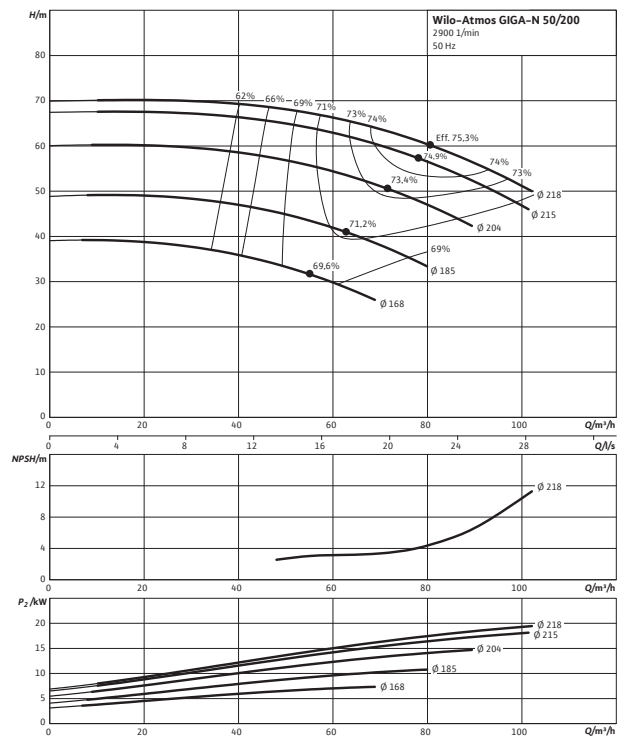
Pump curve

Wilo-Atmos GIGA-N 50/200/4



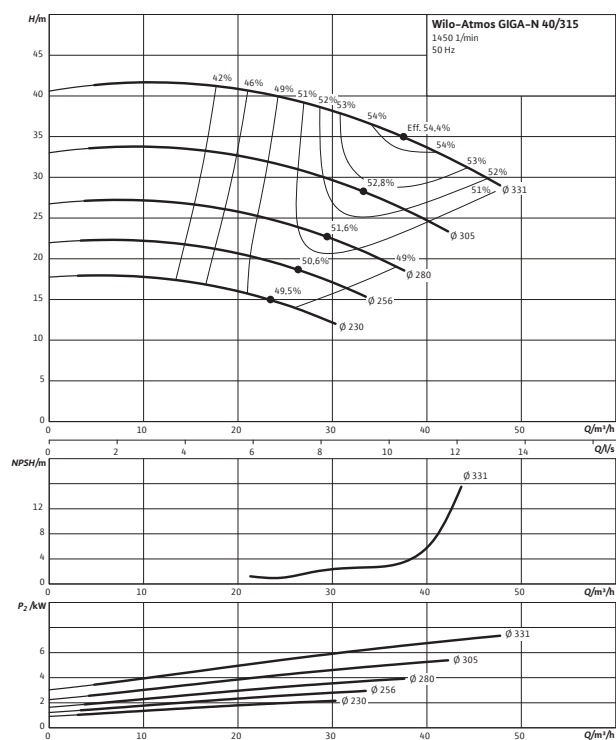
Pump curve

Wilo-Atmos GIGA-N 50/200/2



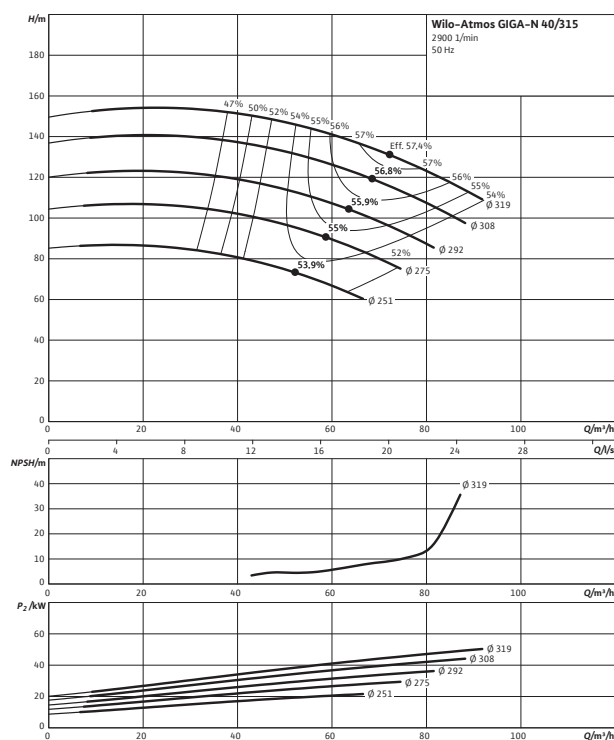
Pump curve

Wilo-Atmos GIGA-N 40/315/4



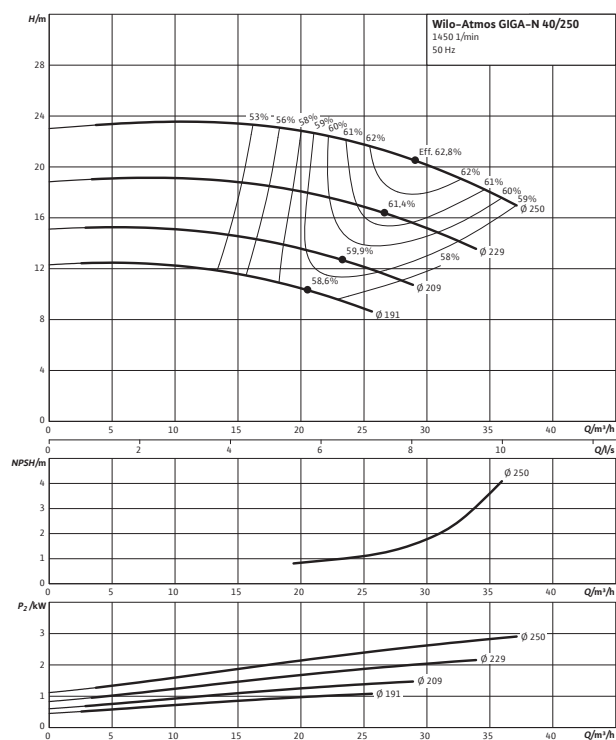
Pump curve

Wilo-Atmos GIGA-N 40/315/2



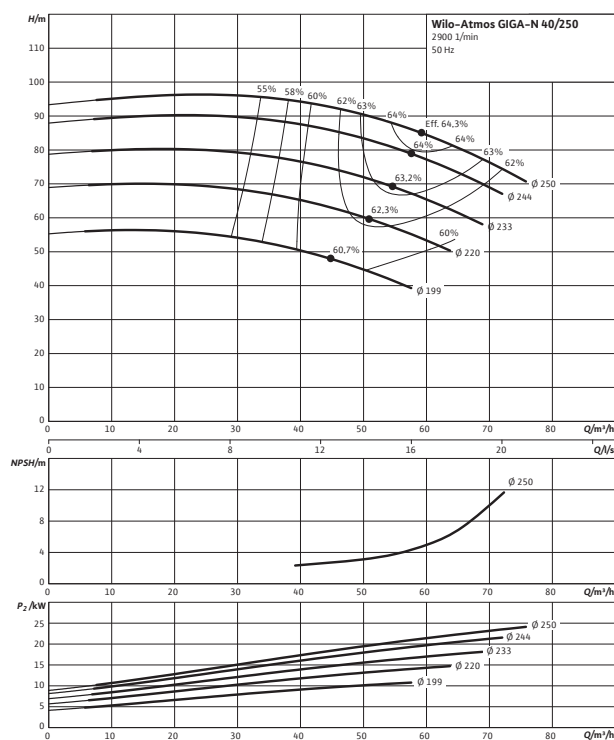
Pump curve

Wilo-Atmos GIGA-N 40/250/4



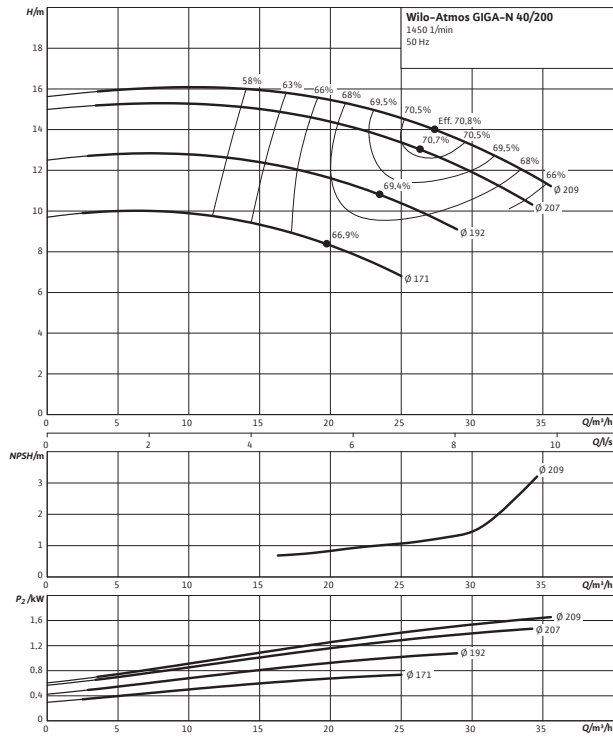
Pump curve

Wilo-Atmos GIGA-N 40/250/2



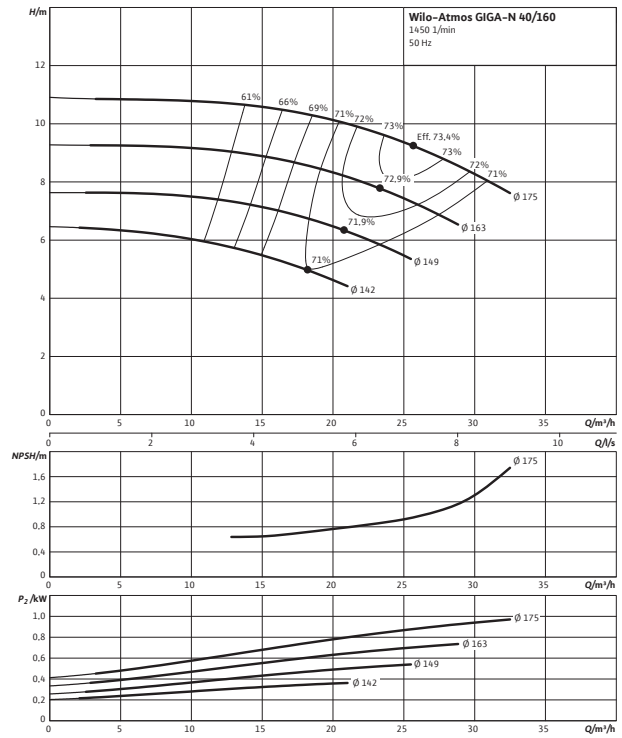
Pump curve

Wilo-Atmos GIGA-N 40/200/4



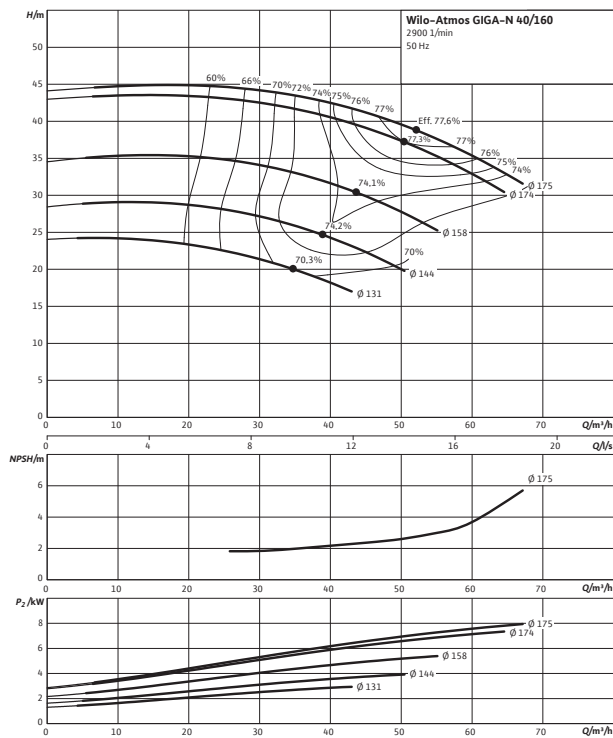
Pump curve

Wilo-Atmos GIGA-N 40/160/4



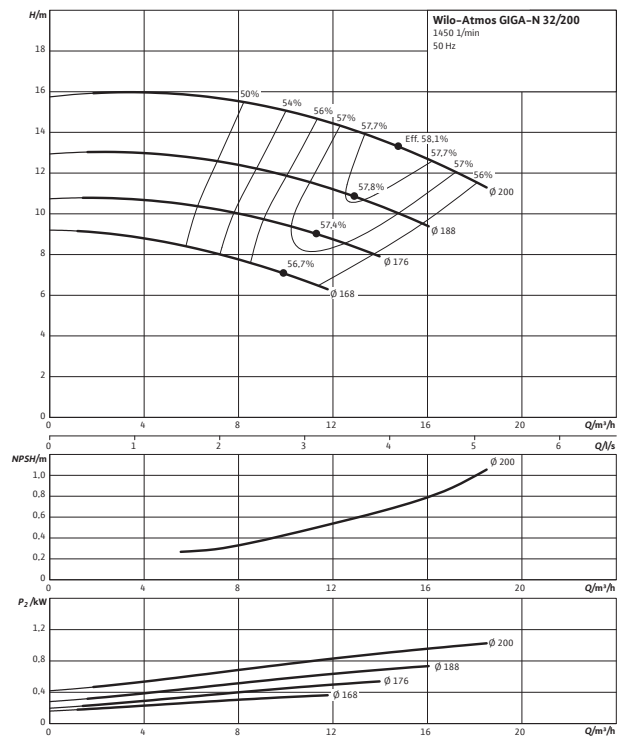
Pump curve

Wilo-Atmos GIGA-N 40/160/2



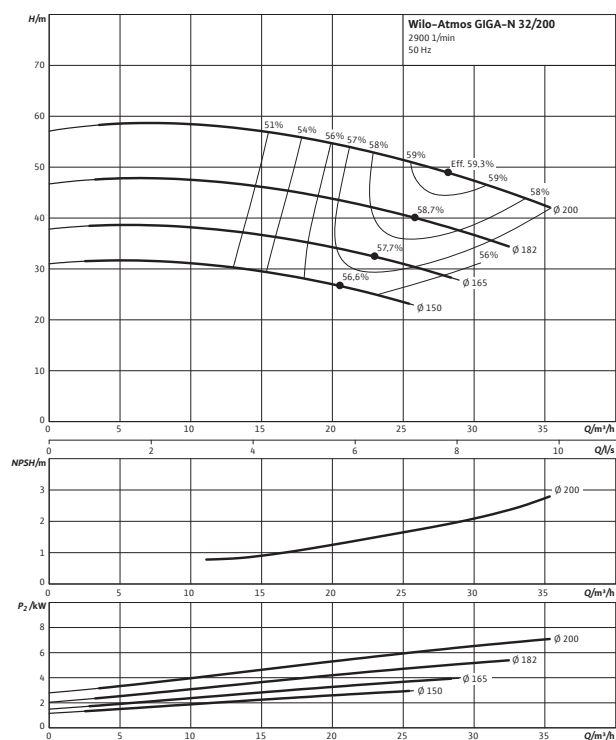
Pump curve

Wilo-Atmos GIGA-N 32/200/4



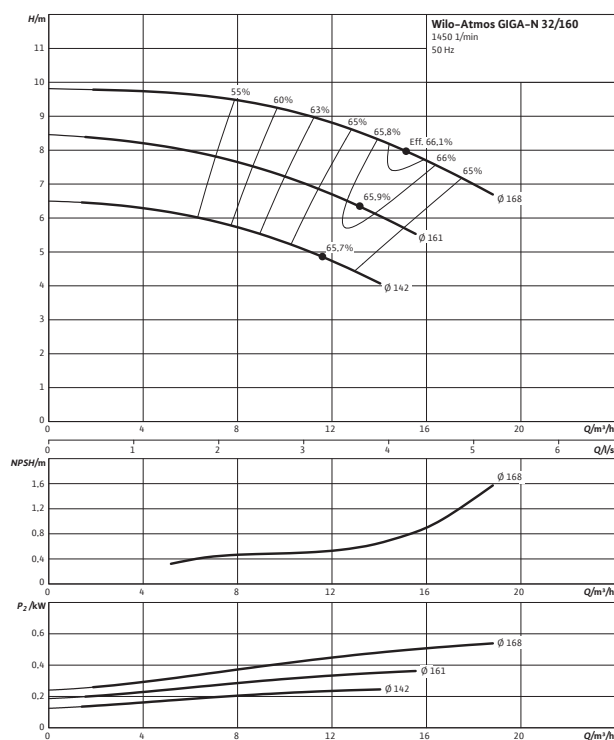
Pump curve

Wilo-Atmos GIGA-N 32/200/2



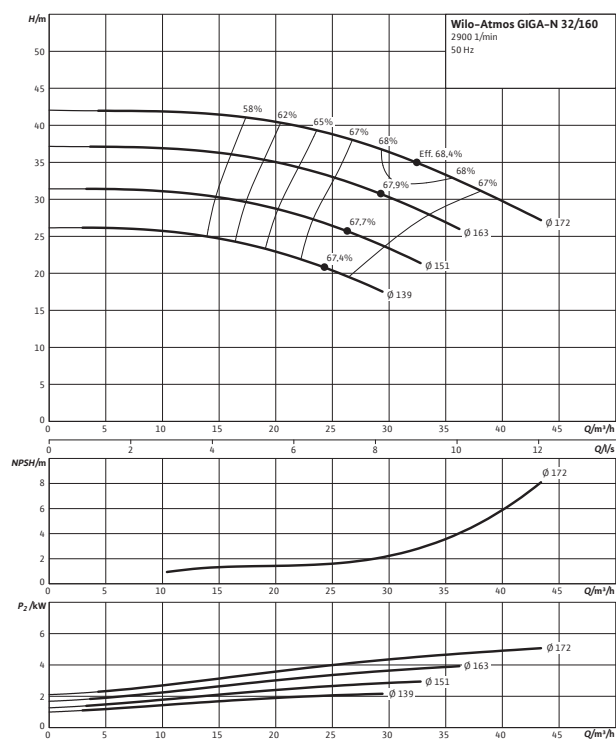
Pump curve

Wilo-Atmos GIGA-N 32/160/4



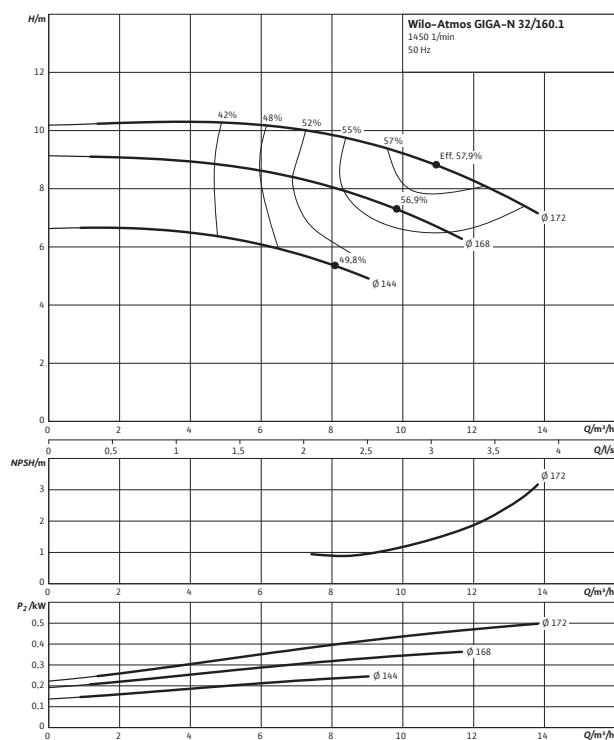
Pump curve

Wilo-Atmos GIGA-N 32/160/2



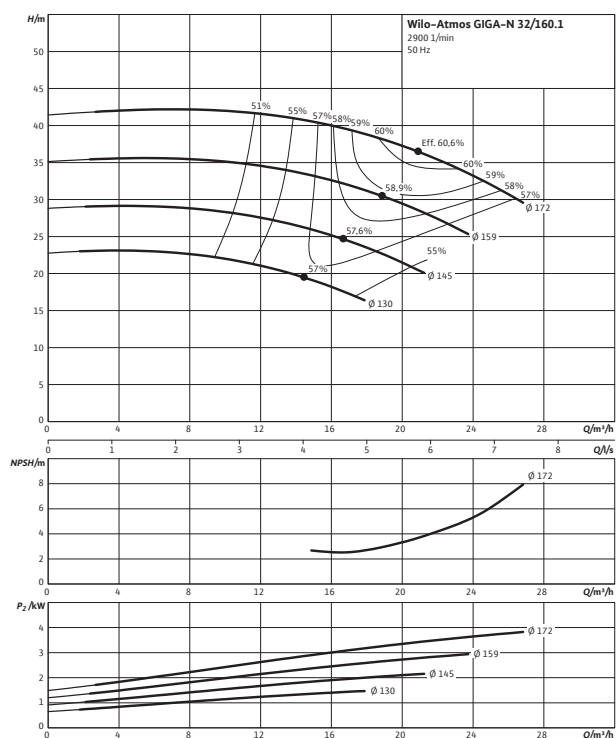
Pump curve

Wilo-Atmos GIGA-N 32/160.1/4



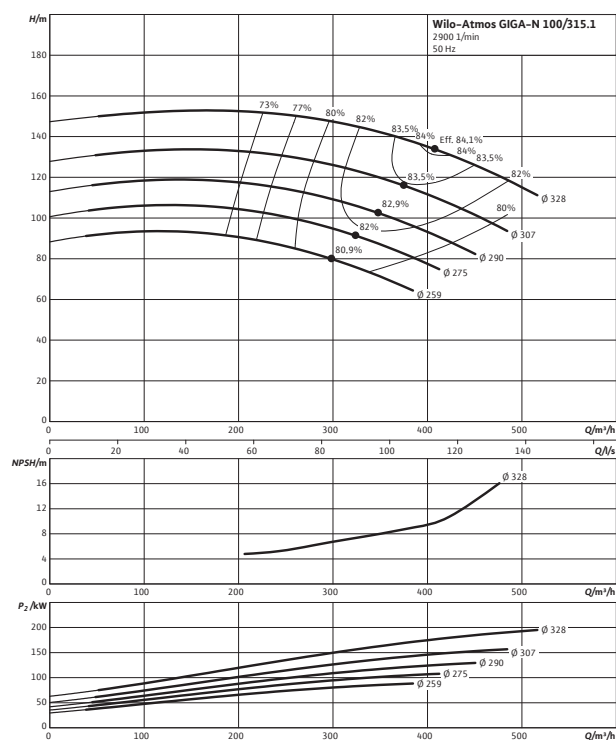
Pump curve

Wilo-Atmos GIGA-N 32/160.1/2



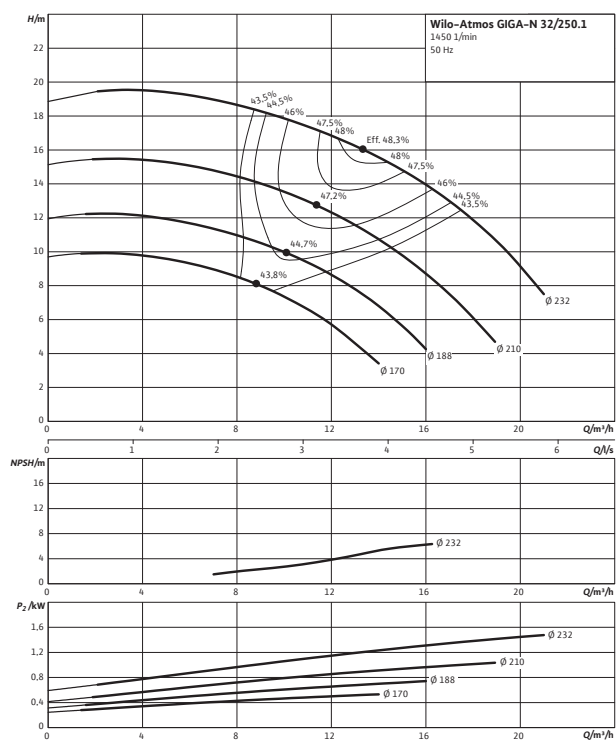
Pump curve

Wilo-Atmos GIGA-N 100/315.1/2



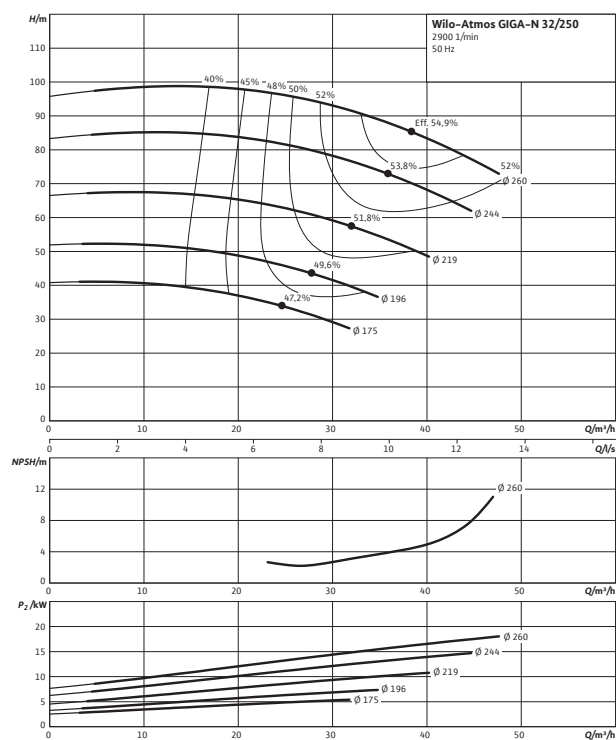
Pump curve

Wilo-Atmos GIGA-N 32/250.1/4



Pump curve

Wilo-Atmos GIGA-N 32/250/2



Ordering information (2-pole) with spacer coupling

Type	Max. operating pressure	Rated power	Rated voltage	Art. no.	Mains connection	Pressure side	Suction side
	p bar	P_2 kW	U V			DN_d	DN_s
Atmos GIGA-N 32/125-1,1/2	16	1.10	400	6086292	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/125-1,5/2	16	1.50	400	6086293	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/125-2,2/2	16	2.20	400	6086294	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/125-3/2	16	3.00	400	6086295	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/125-4/2	16	4.00	400	6086296	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/160-2,2/2	16	2.20	400	6086579	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/160-3/2	16	3.00	400	6086578	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/160-4/2	16	4.00	400	6086577	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/160-5,5/2	16	5.50	400	6086576	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/160.1-1,5/2	16	1.50	400	6086598	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/160.1-2,2/2	16	2.20	400	6086597	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/160.1-3/2	16	3.00	400	6086596	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/160.1-4/2	16	4.00	400	6086595	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/200-3/2	16	3.00	400	6086570	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/200-4/2	16	4.00	400	6086569	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/200-5,5/2	16	5.50	400	6086568	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/200-7,5/2	16	7.50	400	6086567	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/250-5,5/2	16	5.50	400	6086559	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/250-7,5/2	16	7.50	400	6086558	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/250-11/2	16	11.00	400	6086557	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/250-15/2	16	15.00	400	6086556	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 32/250-18,5/2	16	18.50	400	6086555	3~400 V, 50 Hz	DN 32	DN 50
Atmos GIGA-N 40/125-2,2/2	16	2.20	400	6086310	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/125-3/2	16	3.00	400	6086311	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/125-4/2	16	4.00	400	6086312	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/125-5,5/2	16	5.50	400	6086313	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/160-3/2	16	3.00	400	6086548	3~400 V, 50 Hz	DN 40	DN 65

Ordering information (2-pole) with spacer coupling

Type	Max. operating pressure	Rated power	Rated voltage	Art. no.	Mains connection	Pressure side	Suction side
	p bar	P_2 kW	U V			DN_d	DN_s
Atmos GIGA-N 40/160-4/2	16	4.00	400	6086547	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/160-5,5/2	16	5.50	400	6086546	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/160-7,5/2	16	7.50	400	6086545	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/160-11/2	16	11.00	400	6086544	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/200-5,5/2	16	5.50	400	6086299	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/200-7,5/2	16	7.50	400	6086538	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/200-11/2	16	11.00	400	6086537	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/200-15/2	16	15.00	400	6086536	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/250-11/2	16	11.00	400	6086527	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/250-15/2	16	15.00	400	6086526	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/250-18,5/2	16	18.50	400	6086525	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/250-22/2	16	22.00	400	6086524	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/250-30/2	16	30.00	400	6086523	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/315-22/2	16	22.00	400	6086515	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/315-30/2	16	30.00	400	6086514	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/315-37/2	16	37.00	400	6086513	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/315-45/2	16	45.00	400	6086512	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 40/315-55/2	16	55.00	400	6086511	3~400 V, 50 Hz	DN 40	DN 65
Atmos GIGA-N 50/125-3/2	16	3.00	400	6086318	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/125-4/2	16	4.00	400	6086319	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/125-5,5/2	16	5.50	400	6086320	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/125-7,5/2	16	7.50	400	6086321	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/160-4/2	16	4.00	400	6086329	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/160-5,5/2	16	5.50	400	6086330	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/160-7,5/2	16	7.50	400	6086331	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/160-11/2	16	11.00	400	6086326	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/200-7,5/2	16	7.50	400	6086505	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/200-11/2	16	11.00	400	6086504	3~400 V, 50 Hz	DN 50	DN 65

Ordering information (2-pole) with spacer coupling							
Type	Max. operating pressure	Rated power	Rated voltage	Art. no.	Mains connection	Pressure side	Suction side
	p bar	P_2 kW	U V			DN_d	DN_s
Atmos GIGA-N 50/200-15/2	16	15.00	400	6086503	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/200-18,5/2	16	18.50	400	6086502	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/200-22/2	16	22.00	400	6086501	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/250-15/2	16	15.00	400	6086492	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/250-18,5/2	16	18.50	400	6086491	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/250-22/2	16	22.00	400	6086490	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/250-30/2	16	30.00	400	6086489	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/250-37/2	16	37.00	400	6086488	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/315-30/2	16	30.00	400	6086482	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/315-37/2	16	37.00	400	6086481	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/315-45/2	16	45.00	400	6086480	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/315-55/2	16	55.00	400	6086479	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 50/315-75/2	16	75.00	400	6086478	3~400 V, 50 Hz	DN 50	DN 65
Atmos GIGA-N 65/125-4/2	16	4.00	400	6086339	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/125-5,5/2	16	5.50	400	6086340	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/125-7,5/2	16	7.50	400	6086341	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/125-11/2	16	11.00	400	6086336	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/160-7,5/2	16	7.50	400	6086351	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/160-11/2	16	11.00	400	6086346	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/160-15/2	16	15.00	400	6086347	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/160-18,5/2	16	18.50	400	6086348	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/200-11/2	16	11.00	400	6086354	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/200-15/2	16	15.00	400	6086355	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/200-18,5/2	16	18.50	400	6086356	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/200-22/2	16	22.00	400	6086358	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/200-30/2	16	30.00	400	6086360	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/200-37/2	16	37.00	400	6086361	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/250-22/2	16	22.00	400	6086470	3~400 V, 50 Hz	DN 65	DN 80

Ordering information (2-pole) with spacer coupling

Type	Max. operating pressure	Rated power	Rated voltage	Art. no.	Mains connection	Pressure side	Suction side
	p bar	P_2 kW	U V			DN_d	DN_s
Atmos GIGA-N 65/250-30/2	16	30.00	400	6086469	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/250-37/2	16	37.00	400	6086468	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/250-45/2	16	45.00	400	6086467	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/250-55/2	16	55.00	400	6086466	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/315-45/2	16	45.00	400	6086458	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/315-55/2	16	55.00	400	6086457	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/315-75/2	16	75.00	400	6086456	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/315-90/2	16	90.00	400	6086455	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 65/315-110/2	16	110.00	400	6086454	3~400 V, 50 Hz	DN 65	DN 80
Atmos GIGA-N 80/160-11/2	16	11.00	400	6086365	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/160-15/2	16	15.00	400	6086366	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/160-18,5/2	16	18.50	400	6086367	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/160-22/2	16	22.00	400	6086369	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/160-30/2	16	30.00	400	6086371	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/200-18,5/2	16	18.50	400	6086373	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/200-22/2	16	22.00	400	6086375	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/200-30/2	16	30.00	400	6086377	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/200-37/2	16	37.00	400	6086378	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/200-45/2	16	45.00	400	6086380	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/200-55/2	16	55.00	400	6086382	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/250-37/2	16	37.00	400	6086446	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/250-45/2	16	45.00	400	6086445	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/250-55/2	16	55.00	400	6086444	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/250-75/2	16	75.00	400	6086443	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/250-90/2	16	90.00	400	6086442	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/315-75/2	16	75.00	400	6086398	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/315-90/2	16	90.00	400	6086397	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/315.1-90/2	16	90.00	400	6086406	3~400 V, 50 Hz	DN 80	DN 100

Ordering information (2-pole) with spacer coupling							
Type	Max. operating pressure	Rated power	Rated voltage	Art. no.	Mains connection	Pressure side	Suction side
	p bar	P_2 kW	U V			DN_d	DN_s
Atmos GIGA-N 80/315.1-110/2	16	110.00	400	6086405	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/315.1-132/2	16	132.00	400	6086404	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 80/315.1-160/2	16	160.00	400	6086297	3~400 V, 50 Hz	DN 80	DN 100
Atmos GIGA-N 100/160-18,5/2	16	18.50	400	6086205	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/160-22/2	16	22.00	400	6086207	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/160-30/2	16	30.00	400	6086209	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/200-30/2	16	30.00	400	6086216	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/200-37/2	16	37.00	400	6086217	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/200-45/2	16	45.00	400	6086219	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/200-55/2	16	55.00	400	6086221	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/200-75/2	16	75.00	400	6086223	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/250-55/2	16	55.00	400	6086227	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/250-75/2	16	75.00	400	6086229	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/250-90/2	16	90.00	400	6086230	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/250.1-90/2	16	90.00	400	6086233	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/250.1-110/2	16	110.00	400	6086231	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/250.1-132/2	16	132.00	400	6086232	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/315.1-90/2	16	90.00	400	6086417	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/315.1-110/2	16	110.00	400	6086416	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/315.1-132/2	16	132.00	400	6086415	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/315.1-160/2	16	160.00	400	6086414	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 100/315.1-200/2	16	200.00	400	6086413	3~400 V, 50 Hz	DN 100	DN 125
Atmos GIGA-N 125/200-45/2	16	45.00	400	6086237	3~400 V, 50 Hz	DN 125	DN 150
Atmos GIGA-N 125/200-55/2	16	55.00	400	6086239	3~400 V, 50 Hz	DN 125	DN 150
Atmos GIGA-N 125/200-75/2	16	75.00	400	6086241	3~400 V, 50 Hz	DN 125	DN 150
Atmos GIGA-N 125/200-90/2	16	90.00	400	6086242	3~400 V, 50 Hz	DN 125	DN 150
Atmos GIGA-N 125/250-75/2	16	75.00	400	6086252	3~400 V, 50 Hz	DN 125	DN 150
Atmos GIGA-N 125/250-90/2	16	90.00	400	6086253	3~400 V, 50 Hz	DN 125	DN 150

Ordering information (2-pole) with spacer coupling

Type	Max. operating pressure	Rated power	Rated voltage	Art. no.	Mains connection	Pressure side	Suction side
	p bar	P_2 kW	U V			DN_d	DN_s
Atmos GIGA-N 125/250-110/2	16	110.00	400	6086581	3~400 V, 50 Hz	DN 125	DN 150
Atmos GIGA-N 125/250-132/2	16	132.00	400	6086583	3~400 V, 50 Hz	DN 125	DN 150
Atmos GIGA-N 125/250-160/2	16	160.00	400	6086213	3~400 V, 50 Hz	DN 125	DN 150
Atmos GIGA-N 125/250.1-90/2	16	90.00	400	6086254	3~400 V, 50 Hz	DN 125	DN 150
Atmos GIGA-N 150/200-75/2	16	75.00	400	6086271	3~400 V, 50 Hz	DN 150	DN 200
Atmos GIGA-N 150/200-90/2	16	90.00	400	6086272	3~400 V, 50 Hz	DN 150	DN 200
Atmos GIGA-N 150/200-110/2	16	110.00	400	6086268	3~400 V, 50 Hz	DN 150	DN 200
Atmos GIGA-N 150/250-90/2	16	90.00	400	6086282	3~400 V, 50 Hz	DN 150	DN 200
Atmos GIGA-N 150/250-110/2	16	110.00	400	6086274	3~400 V, 50 Hz	DN 150	DN 200
Atmos GIGA-N 150/250-132/2	16	132.00	400	6086275	3~400 V, 50 Hz	DN 150	DN 200
Atmos GIGA-N 150/250-160/2	16	160.00	400	6086277	3~400 V, 50 Hz	DN 150	DN 200
Atmos GIGA-N 150/250-200/2	16	200.00	400	6086279	3~400 V, 50 Hz	DN 150	DN 200

Dimensions, weights (2-pole)

Atmos GIGA-N	Rated power	Dimensions													Net weight, approx.
	P_2 kW	a	B_2	B_3	H	H_2	H_3	L mm	L_2	L_3	L_4	S_1	X	$\varnothing S_4$	m kg
32/125-1.1/2	1.10	80	360	320	334	140	192	817	145	830	835	165	100	19	75
32/125-1.5/2	1.50	80	360	320	351	140	192	844	145	830	835	165	100	19	82
32/125-2.2/2	2.20	80	390	350	351	140	192	869	165	930	935	185	100	19	84
32/125-3/2	3.00	80	390	350	364	140	192	916	165	930	935	185	100	19	97
32/125-4/2	4.00	80	390	350	395	140	192	934	165	930	935	185	100	19	103
32/160-2.2/2	2.20	80	390	350	371	160	212	869	165	930	935	185	100	19	92
32/160-3/2	3.00	80	390	350	384	160	212	916	165	930	935	185	100	19	103
32/160-4/2	4.00	80	390	350	415	160	212	934	165	930	935	185	100	19	108
32/160-5.5/2	5.50	80	450	400	454	160	232	992	185	1030	1035	205	100	24	145
32/160.1-1.5/2	1.50	80	360	320	371	160	212	844	145	830	835	165	100	19	88
32/160.1-2.2/2	2.20	80	390	350	371	160	212	869	165	930	935	185	100	19	93
32/160.1-3/2	3.00	80	390	350	384	160	212	916	165	930	935	185	100	19	103
32/160.1-4/2	4.00	80	390	350	415	160	212	934	165	930	935	185	100	19	109
32/200-3/2	3.00	80	390	350	412	180	240	916	165	930	935	185	100	19	110
32/200-4/2	4.00	80	390	350	443	180	240	934	165	930	935	185	100	19	116
32/200-5.5/2	5.50	80	450	400	482	180	260	992	185	1030	1035	205	100	24	152
32/200-7.5/2	7.50	80	450	400	482	180	260	992	185	1030	1035	205	100	24	155
32/250-5.5/2	5.50	100	490	440	502	225	280	1012	205	1150	1160	230	100	24	163
32/250-7.5/2	7.50	100	490	440	502	225	280	1012	205	1150	1160	230	100	24	166
32/250-11/2	11.00	100	540	490	552	225	280	1158	225	1290	1295	250	100	24	189

Dimensions, weights (2-pole)															
Atmos GIGA-N	Rated power	Dimensions													Net weight, approx.
	P_2 kW	a	$B2$	$B3$	H	$H2$	$H3$	L mm	$L2$	$L3$	$L4$	$S1$	X	$\varnothing S4$	m kg
32/250-15/2	15.00	100	540	490	552	225	280	1158	225	1290	1295	250	100	24	218
32/250-18,5/2	18.50	100	540	490	552	225	280	1202	225	1290	1295	250	100	24	230
40/125-2,2/2	2.20	80	390	350	351	140	192	869	165	930	935	185	100	19	89
40/125-3/2	3.00	80	390	350	364	140	192	916	165	930	935	185	100	19	100
40/125-4/2	4.00	80	390	350	395	140	192	934	165	930	935	185	100	19	105
40/125-5,5/2	5.50	80	450	400	454	140	232	992	185	1030	1035	205	100	24	142
40/160-3/2	3.00	80	390	350	384	160	212	916	165	930	935	185	100	19	105
40/160-4/2	4.00	80	390	350	415	160	212	934	165	930	935	185	100	19	111
40/160-5,5/2	5.50	80	450	400	454	160	232	992	185	1030	1035	205	100	24	147
40/160-7,5/2	7.50	80	450	400	454	160	232	992	185	1030	1035	205	100	24	150
40/160-11/2	11.00	80	490	440	532	160	260	1138	205	1150	1155	225	100	24	173
40/200-5,5/2	5.50	100	450	400	482	180	260	1012	185	1030	1055	225	100	24	171
40/200-7,5/2	7.50	100	450	400	482	180	260	1012	185	1030	1055	225	100	24	158
40/200-11/2	11.00	100	490	440	532	180	260	1158	205	1150	1175	245	100	24	181
40/200-15/2	15.00	100	490	440	532	180	260	1158	205	1150	1175	245	100	24	210
40/250-11/2	11.00	100	540	490	552	225	280	1158	225	1290	1295	250	100	24	185
40/250-15/2	15.00	100	540	490	552	225	280	1158	225	1290	1295	250	100	24	214
40/250-18,5/2	18.50	100	540	490	552	225	280	1202	225	1290	1295	250	100	24	226
40/250-22/2	22.00	100	540	490	567	225	280	1224	225	1290	1295	250	100	24	262
40/250-30/2	30.00	100	610	550	626	225	300	1327	250	1440	1445	275	100	29	347
40/315-22/2	22.00	125	540	490	612	250	325	1399	225	1290	1320	275	140	24	332
40/315-30/2	30.00	125	610	550	652	250	325	1502	250	1440	1470	300	140	29	407
40/315-37/2	37.00	125	610	550	652	250	325	1502	250	1440	1470	300	140	29	429
40/315-45/2	45.00	125	610	550	706	250	325	1591	250	1440	1470	300	140	29	548
40/315-55/2	55.00	125	660	600	766	250	370	1700	290	1640	1670	340	140	29	633
50/125-3/2	3.00	100	390	350	384	160	212	936	165	930	955	205	100	19	102
50/125-4/2	4.00	100	390	350	415	160	212	954	165	930	955	205	100	19	107
50/125-5,5/2	5.50	100	450	400	454	160	232	1012	185	1030	1055	225	100	24	144
50/125-7,5/2	7.50	100	450	400	454	160	232	1012	185	1030	1055	225	100	24	146
50/160-4/2	4.00	100	390	350	443	180	240	954	165	930	955	205	100	19	114
50/160-5,5/2	5.50	100	450	400	482	180	260	1012	185	1030	1055	225	100	24	151
50/160-7,5/2	7.50	100	450	400	482	180	260	1012	185	1030	1055	225	100	24	153
50/160-11/2	11.00	100	490	440	532	180	260	1158	205	1150	1175	245	100	24	177
50/200-7,5/2	7.50	100	450	400	482	200	260	1012	185	1030	1055	225	100	24	159
50/200-11/2	11.00	100	490	440	532	200	260	1158	205	1150	1175	245	100	24	182
50/200-15/2	15.00	100	490	440	532	200	260	1158	205	1150	1175	245	100	24	211
50/200-18,5/2	18.50	100	490	440	532	200	260	1202	205	1150	1175	245	100	24	223
50/200-22/2	22.00	100	490	440	567	200	280	1127	205	1150	1175	245	100	24	278
50/250-15/2	15.00	100	540	490	552	225	280	1158	225	1290	1295	250	100	24	220
50/250-18,5/2	18.50	100	540	490	552	225	280	1202	225	1290	1295	250	100	24	232
50/250-22/2	22.00	100	540	490	567	225	280	1224	225	1290	1295	250	100	24	269
50/250-30/2	30.00	100	610	550	626	225	300	1327	250	1440	1445	275	100	29	353
50/250-37/2	37.00	100	610	550	626	225	300	1327	250	1440	1445	275	100	29	375
50/315-30/2	30.00	125	610	550	652	280	325	1502	250	1440	1470	300	140	29	408
50/315-37/2	37.00	125	610	550	652	280	325	1502	250	1440	1470	300	140	29	431
50/315-45/2	45.00	125	610	550	706	280	325	1591	250	1440	1470	300	140	29	549

Dimensions, weights (2-pole)															
Atmos GIGA-N	Rated power	Dimensions													Net weight, approx.
	P_2 kW	a	$B2$	$B3$	H	$H2$	$H3$	L mm	$L2$	$L3$	$L4$	$S1$	X	$\varnothing S4$	m kg
50/315-55/2	55.00	125	660	600	766	280	370	1700	290	1640	1670	340	140	29	634
50/315-75/2	75.00	125	730	670	851	280	400	1806	320	1840	1870	370	140	29	726
65/125-4/2	4.00	100	390	350	443	180	240	954	165	930	940	190	100	19	111
65/125-5,5/2	5.50	100	450	400	482	180	260	1012	185	1030	1040	210	100	24	148
65/125-7,5/2	7.50	100	450	400	482	180	260	1012	185	1030	1040	210	100	24	151
65/125-11/2	11.00	100	450	400	532	180	260	1158	185	1030	1040	210	100	24	174
65/160-7,5/2	7.50	100	450	400	482	200	260	1012	185	1030	1040	210	100	24	156
65/160-11/2	11.00	100	490	440	532	200	260	1158	205	1150	1160	230	100	24	179
65/160-15/2	15.00	100	490	440	532	200	260	1158	205	1150	1160	230	100	24	208
65/160-18,5/2	18.50	100	490	440	532	200	260	1202	205	1150	1160	230	100	24	220
65/200-11/2	11.00	100	540	490	552	225	280	1198	225	1290	1295	250	140	24	186
65/200-15/2	15.00	100	540	490	552	225	280	1198	225	1290	1295	250	140	24	215
65/200-18,5/2	18.50	100	540	490	552	225	280	1242	225	1290	1295	250	140	24	256
65/200-22/2	22.00	100	540	490	567	225	280	1264	225	1290	1295	250	140	24	292
65/200-30/2	30.00	100	610	550	626	225	300	1367	250	1440	1445	275	140	29	347
65/200-37/2	37.00	100	610	550	626	225	300	1367	250	1440	1445	275	140	29	370
65/250-22/2	22.00	100	540	490	587	250	300	1374	225	1290	1280	235	140	24	336
65/250-30/2	30.00	100	610	550	626	250	300	1477	250	1440	1430	260	140	29	391
65/250-37/2	37.00	100	610	550	626	250	300	1477	250	1440	1430	260	140	29	414
65/250-45/2	45.00	100	610	550	706	250	325	1566	250	1440	1430	260	140	29	532
65/250-55/2	55.00	100	660	600	766	250	370	1675	290	1640	1630	300	140	29	617
65/315-45/2	45.00	125	660	600	726	280	345	1591	290	1640	1655	325	140	29	555
65/315-55/2	55.00	125	660	600	766	280	370	1700	290	1640	1655	325	140	29	641
65/315-75/2	75.00	125	730	670	851	280	400	1806	320	1840	1855	355	140	29	732
65/315-90/2	90.00	125	730	670	851	280	400	1806	320	1840	1855	355	140	29	923
65/315-110/2	110.00	125	860	790	940	280	435	1979	370	2140	2155	405	140	29	1088
80/160-11/2	11.00	125	540	490	552	225	280	1223	225	1290	1320	275	140	24	184
80/160-15/2	15.00	125	540	490	552	225	280	1223	225	1290	1320	275	140	24	213
80/160-18,5/2	18.50	125	540	490	552	225	280	1267	225	1290	1320	275	140	24	254
80/160-22/2	22.00	125	540	490	567	225	280	1289	225	1290	1320	275	140	24	291
80/160-30/2	30.00	125	610	550	626	225	300	1392	250	1440	1470	300	140	29	345
80/200-18,5/2	18.50	125	540	490	552	250	280	1377	225	1290	1320	275	140	24	271
80/200-22/2	22.00	125	540	490	567	250	280	1399	225	1290	1320	275	140	24	308
80/200-30/2	30.00	125	610	550	626	250	300	1502	250	1440	1470	300	140	29	382
80/200-37/2	37.00	125	610	550	626	250	300	1502	250	1440	1470	300	140	29	405
80/200-45/2	45.00	125	610	550	706	250	325	1591	250	1440	1470	300	140	29	523
80/200-55/2	55.00	125	660	600	766	250	370	1700	290	1640	1670	340	140	29	609
80/250-37/2	37.00	125	610	550	626	280	300	1502	250	1440	1455	285	140	29	416
80/250-45/2	45.00	125	610	550	706	280	325	1591	250	1440	1455	285	140	29	534
80/250-55/2	55.00	125	660	600	766	280	370	1700	290	1640	1655	325	140	29	620
80/250-75/2	75.00	125	730	670	851	280	400	1806	320	1840	1855	355	140	29	711
80/250-90/2	90.00	125	730	670	851	280	400	1806	320	1840	1855	355	140	29	902
80/315-75/2	75.00	125	730	670	851	315	400	1806	320	1840	1855	355	140	29	737
80/315-90/2	90.00	125	730	670	851	315	400	1866	320	1840	1855	355	140	29	928
80/315.1-90/2	90.00	125	730	670	851	315	400	1866	320	1840	1855	355	140	29	928
80/315.1-110/2	110.00	125	860	790	940	315	435	2039	370	2140	2155	405	140	29	1094

Dimensions, weights (2-pole)															
Atmos GIGA-N	Rated power	Dimensions													Net weight, approx.
	P_2 kW	a	$B2$	$B3$	H	$H2$	$H3$	L mm	$L2$	$L3$	$L4$	$S1$	X	$\varnothing S4$	m kg
80/315.1-132/2	132.00	125	860	790	940	315	435	2039	370	2140	2155	405	140	29	1266
80/315.1-160/2	160.00	125	860	790	940	315	435	2039	370	2140	2155	405	140	29	1478
100/160-18,5/2	18.50	125	540	490	572	280	300	1377	225	1290	1305	260	140	24	277
100/160-22/2	22.00	125	540	490	587	280	300	1399	225	1290	1305	260	140	24	334
100/160-30/2	30.00	125	610	550	626	280	300	1502	250	1440	1455	285	140	29	388
100/200-30/2	30.00	125	610	550	626	280	300	1502	250	1440	1455	285	140	29	393
100/200-37/2	37.00	125	610	550	626	280	300	1502	250	1440	1455	285	140	29	416
100/200-45/2	45.00	125	610	550	706	280	325	1591	250	1440	1455	285	140	29	133
100/200-55/2	55.00	125	660	600	766	280	370	1700	290	1640	1655	325	140	29	620
100/200-75/2	75.00	125	730	670	851	280	400	1806	320	1840	1855	355	140	29	711
100/250-55/2	55.00	140	660	600	766	280	370	1715	290	1640	1670	340	140	29	630
100/250-75/2	75.00	140	730	670	851	280	400	1821	320	1840	1870	370	140	29	722
100/250-90/2	90.00	140	730	670	851	280	400	1821	320	1840	1870	370	140	29	913
100/250.1-90/2	90.00	140	730	670	851	280	400	1881	320	1840	1870	370	140	29	913
100/250.1-110/2	110.00	140	860	790	940	280	435	2054	370	2140	2170	420	140	29	1078
100/250.1-132/2	132.00	140	860	790	940	280	435	2054	370	2140	2170	420	140	29	1251
100/315.1-90/2	90.00	140	730	670	851	315	400	1881	320	1840	1870	370	140	29	864
100/315.1-110/2	110.00	140	860	790	940	315	435	2054	370	2140	2170	420	140	29	1225
100/315.1-132/2	132.00	140	860	790	940	315	435	2054	370	2140	2170	420	140	29	1307
100/315.1-160/2	160.00	140	860	790	940	315	435	2054	370	2140	2170	420	140	29	1457
100/315.1-200/2	200.00	140	860	790	984	315	435	2163	370	2140	2170	420	140	29	1461
125/200-45/2	45.00	140	610	550	731	315	350	1606	250	1440	1470	300	140	29	551
125/200-55/2	55.00	140	610	550	746	315	350	1715	250	1440	1470	300	140	29	637
125/200-75/2	75.00	140	730	670	851	315	400	1821	320	1840	1870	370	140	29	728
125/200-90/2	90.00	140	730	670	851	315	400	1821	320	1840	1870	370	140	29	919
125/250-75/2	75.00	140	730	670	851	355	400	1821	320	1840	1870	370	140	29	737
125/250-90/2	90.00	140	730	670	851	355	400	1821	320	1840	1870	370	140	29	928
125/250-110/2	110.00	140	860	790	940	355	435	1994	370	2140	2170	420	140	29	1093
125/250-132/2	132.00	140	860	790	940	355	435	1994	370	2140	2170	420	140	29	1266
125/250-160/2	160.00	140	860	790	940	355	435	1994	370	2140	2170	420	140	29	1343
125/250.1-90/2	90.00	140	730	670	851	355	400	1881	320	1840	1870	370	140	29	928
150/200-75/2	75.00	160	730	670	851	400	400	1841	320	1840	1870	370	140	29	762
150/200-90/2	90.00	160	730	670	851	400	400	1841	320	1840	1870	370	140	29	953
150/200-110/2	110.00	160	860	790	940	400	435	2014	370	2140	2170	420	140	29	1119
150/250-90/2	90.00	160	730	670	851	375	400	1901	320	1840	1870	370	140	29	963
150/250-110/2	110.00	160	860	790	940	375	435	2074	370	2140	2170	420	140	29	1128
150/250-132/2	132.00	160	860	790	940	375	435	2074	370	2140	2170	420	140	29	1301
150/250-160/2	160.00	160	860	790	940	375	435	2074	370	2140	2170	420	140	29	1378
150/250-200/2	200.00	160	860	790	984	375	435	2183	370	2140	2170	420	140	29	1528



08/2020

WILO SE
Wilopark 1
44263 Dortmund
Germany
T +49 231 41 02-0
F +49 231 41 02-7363
wilo@wilo.com
www.wilo.com