50Hz

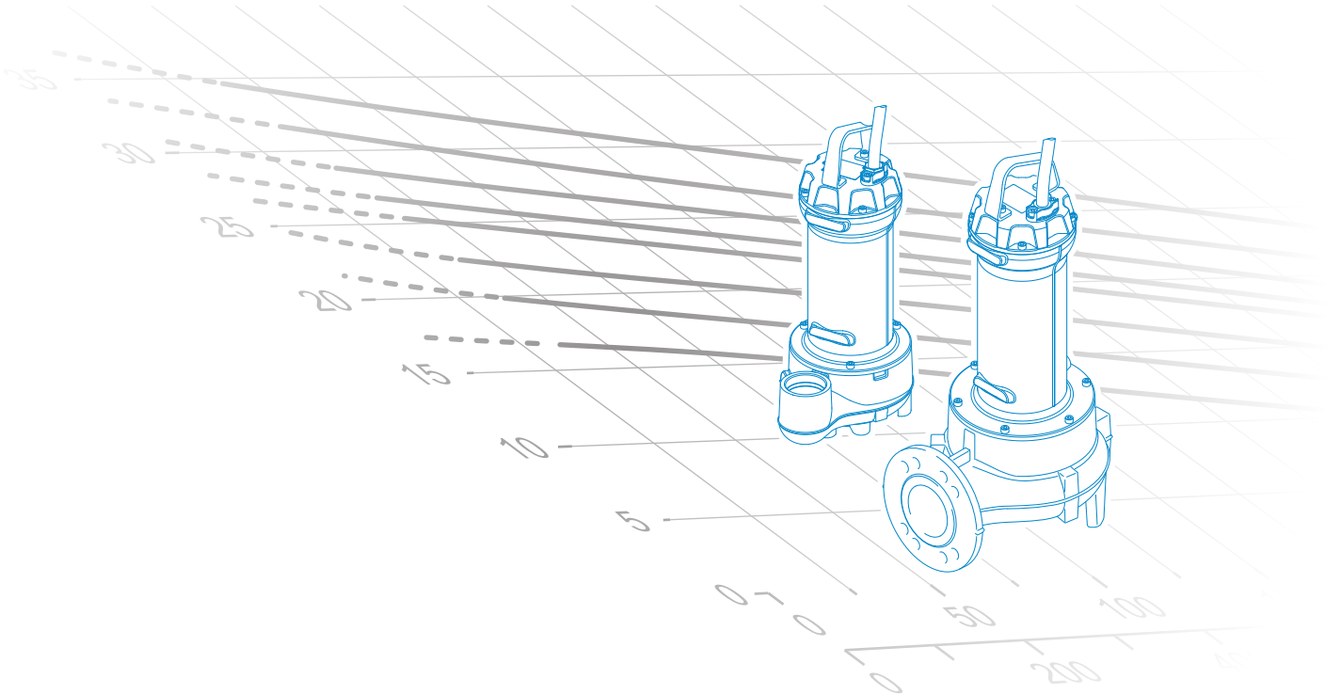
ZENIT

water solutions

BEDU POMPEN

Grey SERIES

DRG series

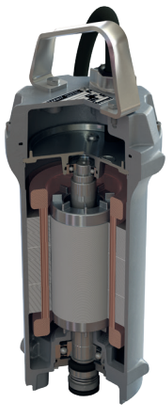


DATA BOOKLET

EN

Grey Series

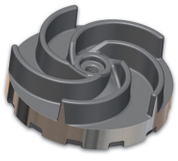
General characteristics



Motor

- Electrical submersible pumps in GJL-250 cast iron
- Two silicon carbide (2SiC) mechanical seals in oil sump
- Ecological dry motor with thermal protection
- Sensor for detecting water in the mechanical seal oil sump
- Self lubricated ball bearings

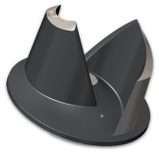
Hydraulic families



DG (Draga)

page 7

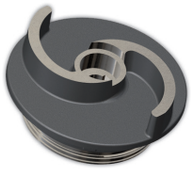
- Set-back vortex impeller
- Used with unstrained soiled biological wastewaters and sewage and for civil lifting applications. It is thus ideal for wastewater treatment plants, sewer systems, livestock farms, industry and agriculture.



DR (Dreno)

page 18

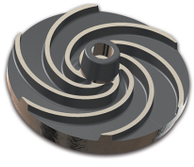
- Multi-channel open impeller
- Designed for mainly professional and industrial use such as wastewater treatment plants, sewage systems and livestock farms, it is particularly suitable for the treatment of liquids containing suspended solids or filaments, and low or medium density activated sludges.



GR (Grinder)

page 33

- Impeller with grinder system
- Designed for professional and industrial use, it is suitable for the treatment of liquids containing suspended solids or fibres, and low or medium density activated sludges.



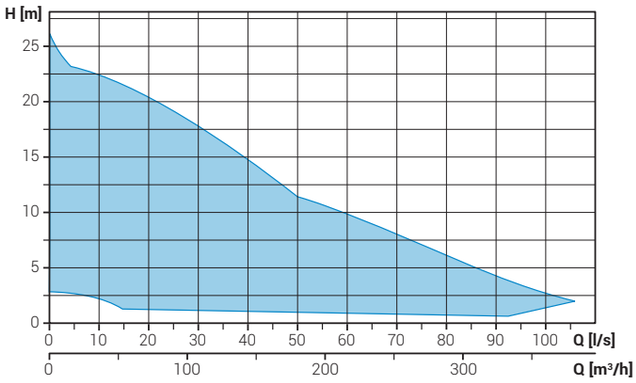
AP (Alta Prevalenza)

page 41

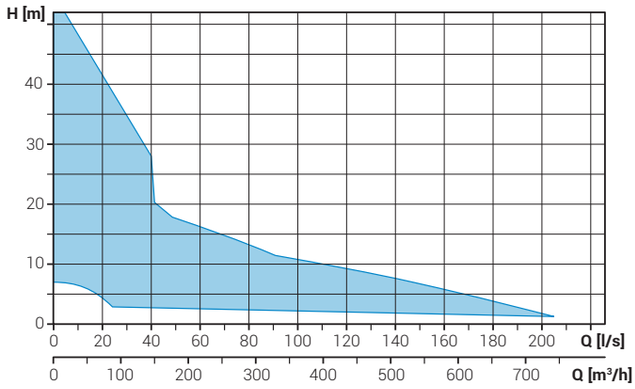
- High head impeller
- Suitable for clear wastewater, rainwater and seepage. The considerable manometric head guarantees excellent results for the creation of water features and decorative fountains; suitable for use in agriculture, irrigation and the fish processing sector.

Operating ranges

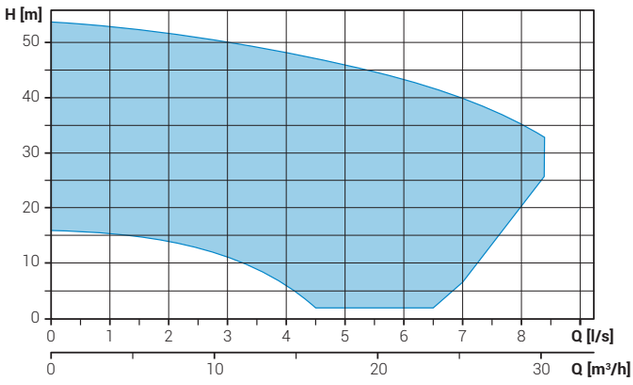
DGG



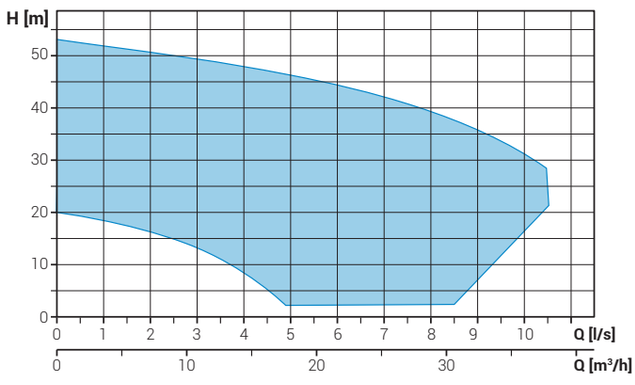
DRG



GRG



APG



Versions available

- Electrical variants

  NAE No electric accessories
  TS Thermal protection, sensor for detecting water in the mechanical seal oil sump

- Cooling system

  N No cooling and/or seal flushing system

- Set of mechanical seals

  2SiC 2 mechanical seals in silicon carbide

Key to product code

DGG 300/2/G65V A0ET5

(A) (B) (C)

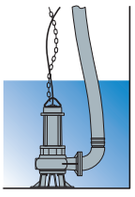
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Family
② Series
③ Power (HPx100) / motor poles
④ Delivery rate
- (A) TYPE (GAS thread/Flanged)
- (B) DIAMETER (mm)
- (C) POSITION
  - V = vertical
  - H = horizontal

⑤ Hydraulic model
⑥ Version number
⑦ Motor size
⑧ Motor phases
- M = Single-phase
- T = Three-phase

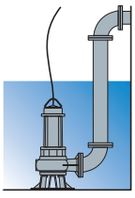
⑨ Power supply voltage frequency
- 5 = 50Hz
- 6 = 60Hz

Installations



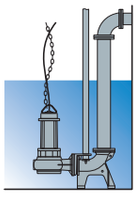
Free installation

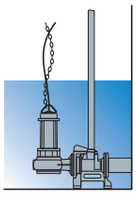
The electric pump, standing on its feet or base, is connected to the delivery flexible pipe using a joint fixed to the discharge. This installation allows to move easily the electrical pump



Fixed installation

The electric pump, standing on its feet or base, is connected to the delivery pipe, which is screwed to the discharge if threaded, or fixed to a bend if the port is flanged. The pump-hose connection may be threaded or flanged, depending on the pump fitting.



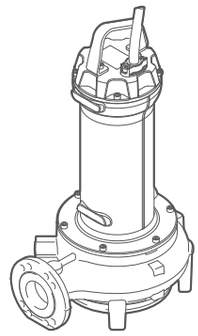


Installation with base coupling foot

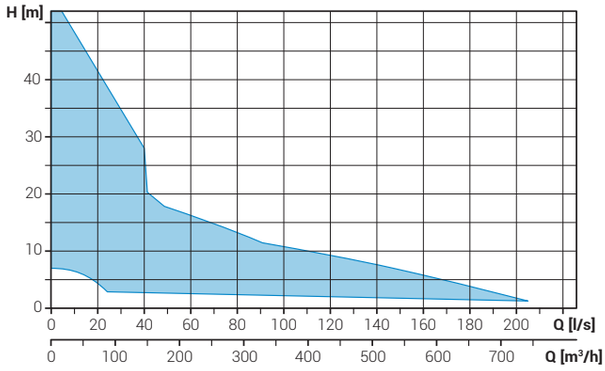
Available for electric pumps with threaded discharge.
The pump unit is supported by a special device fitted to the delivery pipe.
This device can be installed at any time without having to empty the tank. It simplifies any maintenance work on the pump, which can be lifted out and resubmerged with great ease.
It is recommended in particular for installations of small size, and does not require the pump to be resting on the bottom of the tank.

DRG

Multi-channel open impeller



Operating ranges



Range characteristics

Motor power	1.8 ÷ 18.5 kW
Poles	2 / 4 / 6
Insulation class	H
Degree of protection	IP68
Discharge	DN65 ÷ DN250 horizontal
Free passage	max 100 x 70 mm
Max flow rate	205 l/s
Max head	48.3 m

Motor

Ecological dry motor with thermal protections

Cable

S1RN8-F electric cable. Standard version 10 m cable length

Mechanical seals

Two silicon carbide (SiC) mechanical seals in oil sump

Applications

It is particularly suitable for the treatment of liquids containing suspended solids or filaments, and low or medium density activated sludges.

Versions

Electrical variants	NAE, TS
Cooling system	N
Mechanical seals	2SIC

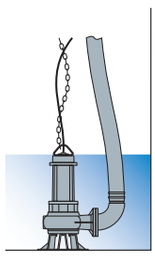
Operating specifications

Max operating temperature	40 °C
PH of treated fluid	6 ÷ 14
Viscosity of treated fluid	1 mm^2/s
Maximum immersion depth	20 m
Density of treated fluid	1 Kg/dm^3
Acoustic pressure max	<70dB
Max starts per hour	30

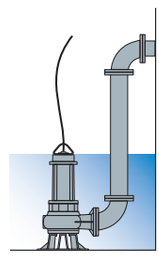
Construction materials

Case	Cast iron EN-GJL 250
Hydraulic parts	Cast iron EN-GJL 250
Impeller	Cast iron EN-GJL 250
Nuts and bolts	Stainless steel - Class A2-70
Standard gasket	Rubber - NBR
Shaft	Stainless steel - AISI 431
Paint type	Ecological bicomponent epoxy (~ 200 µm)

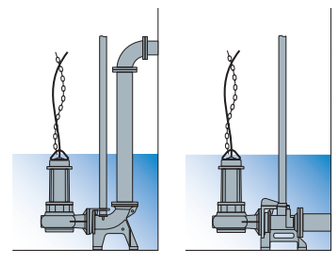
Installations



Free



Fixed

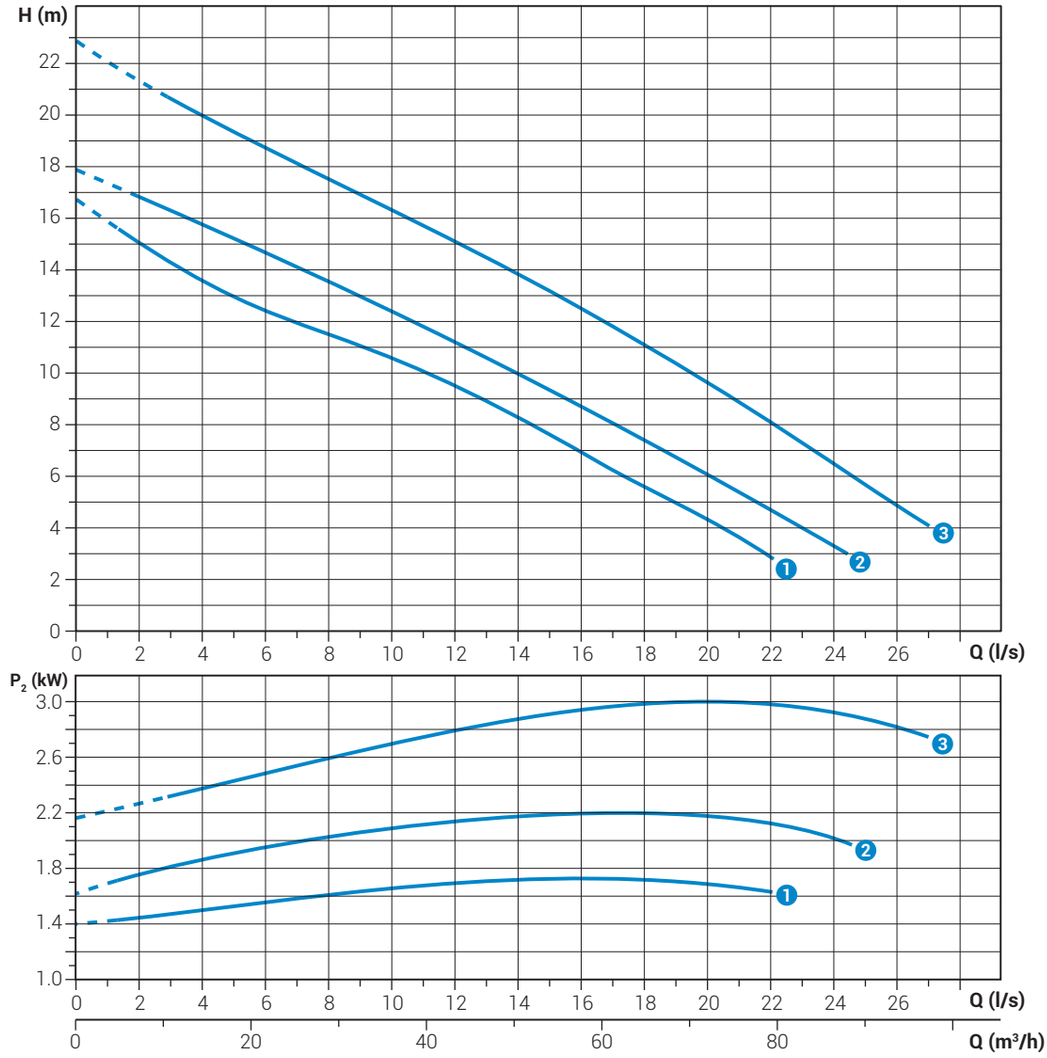


with base coupling foot

DRG 250-300-400/2/65

Performances

	l/s	0	2	4	6	8	10	12	14	16	18	20	22	24	26
	l/min	0	120	240	360	480	600	720	840	960	1080	1200	1320	1440	1560
	m³/h	0	7.2	14.4	21.6	28.8	36.0	43.2	50.4	57.6	64.8	72.0	79.2	86.4	93.6
1 DRG 250/2/65 B0AT5		*16.7*	*15.1*	13.5	12.4	11.4	10.5	9.5	8.2	6.9	5.6	4.3	2.9		
2 DRG 300/2/65 A0ET5		*17.9*	16.8	15.8	14.7	13.6	12.4	11.2	10.0	8.7	7.4	6.1	4.7	3.3	
3 DRG 400/2/65 A0ET5		*22.8*	21.2	19.9	18.7	17.5	16.3	15.0	13.8	12.5	11.1	9.6	8.1	6.5	4.9



Characteristic curves according to UNI EN ISO 9906

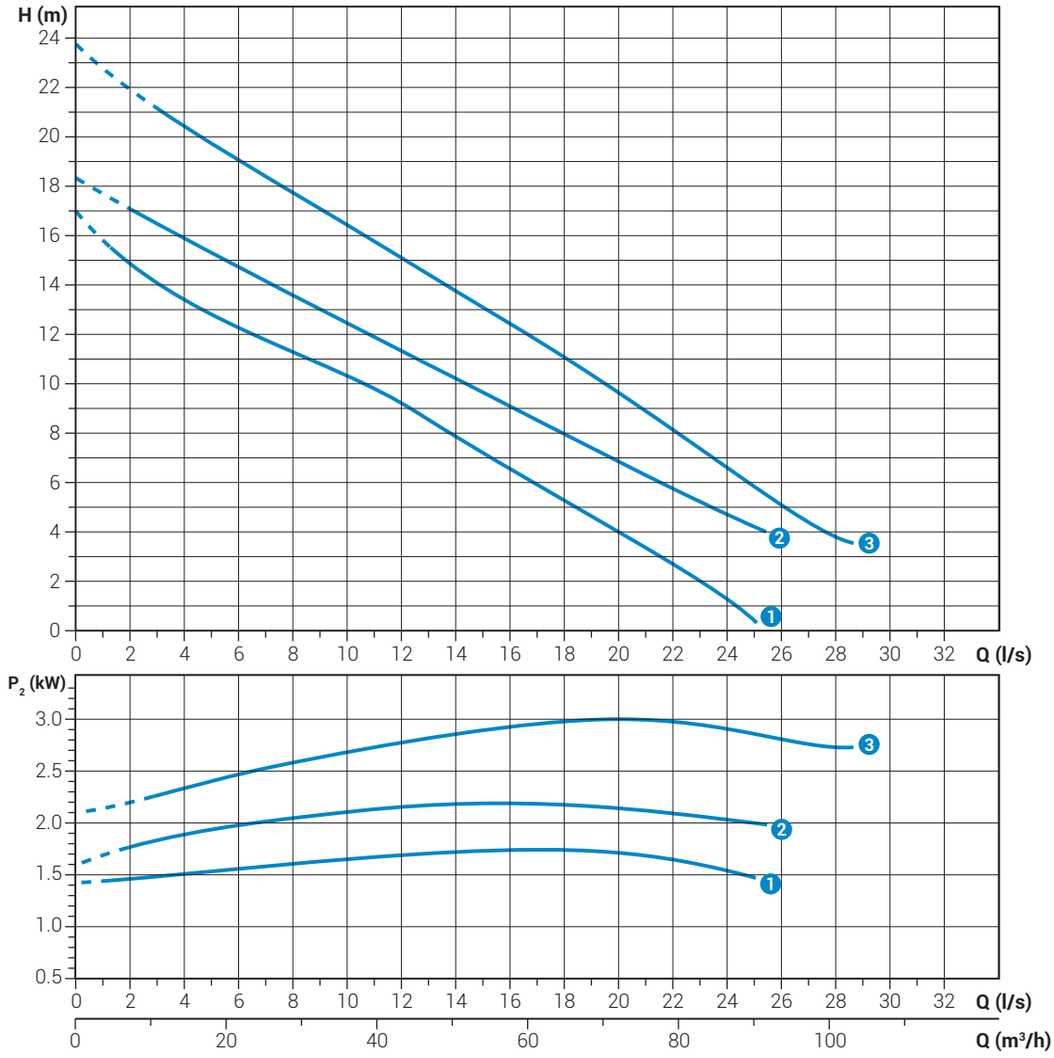
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 250/2/65 B0AT5	400	3	2.19	1.8	3.7	2900	Dir	4G1	DN65	35x30 mm
2 DRG 300/2/65 A0ET5	400	3	2.76	2.2	4.62	2900	Dir	4G1.5+3x1	DN65	40x35 mm
3 DRG 400/2/65 A0ET5	400	3	3.68	3.0	6.36	2900	Dir	4G1.5+3x1	DN65	40x35 mm

DRG 250-300-400/2/80

Performances

	l/s	0	4	8	12	16	20	24	28
	l/min	0	240	480	720	960	1200	1440	1680
	m³/h	0	14.4	28.8	43.2	57.6	72	86.4	100.8
1 DRG 250/2/80 L0AT5		*17.0*	13.4	11.3	9.2	6.6	4.0	1.3	
2 DRG 300/2/80 E0ET5		*18.4*	15.9	13.6	11.4	9.1	6.9	4.7	
3 DRG 400/2/80 E0ET5		*23.5*	20.3	17.7	15.1	12.4	9.6	6.6	3.8



Characteristic curves according to UNI EN ISO 9906

Technical data

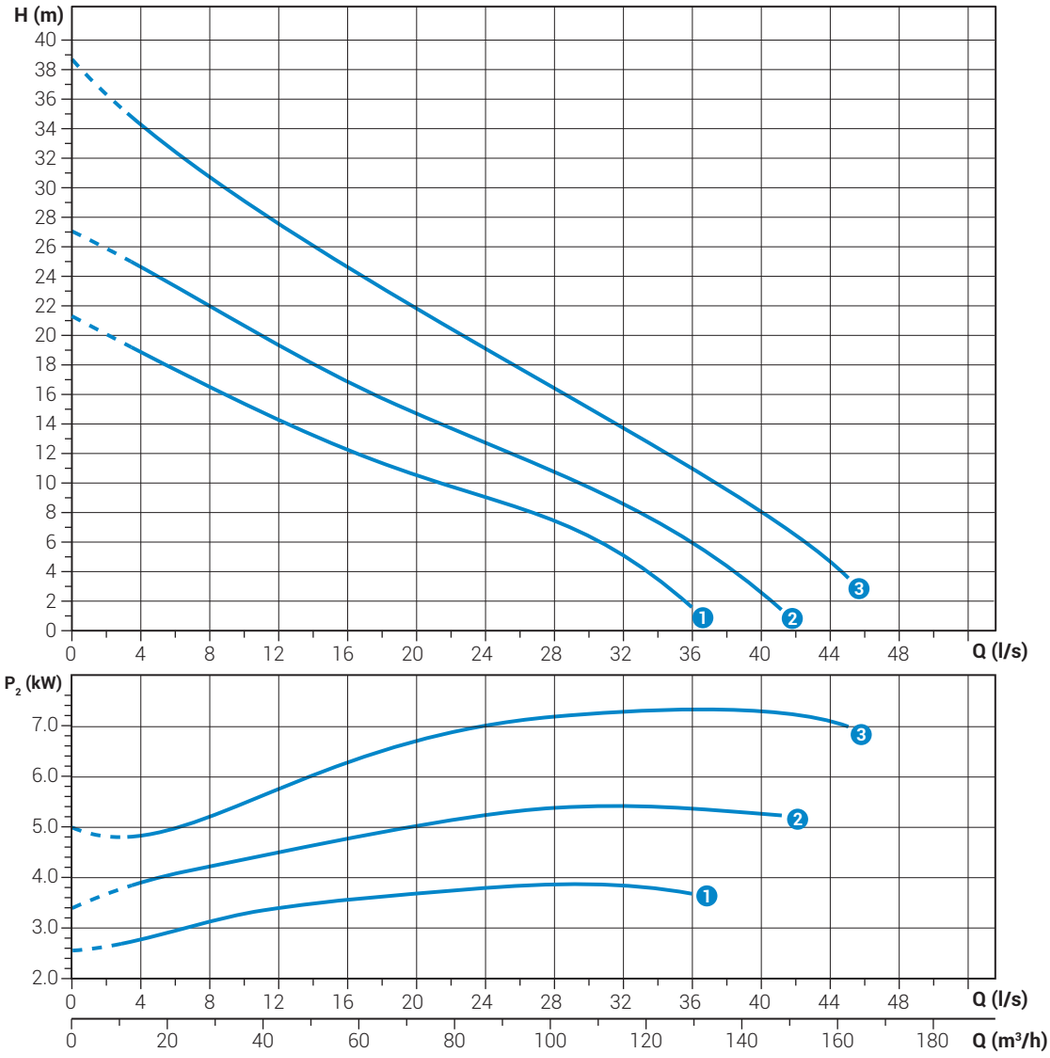
	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 250/2/80 L0AT5	400	3	2.19	1.8	3.7	2900	Dir	4G1	DN80	35x30 mm
2 DRG 300/2/80 E0ET5	400	3	2.76	2.2	4.62	2900	Dir	4G1.5+3x1	DN80	40x35 mm
3 DRG 400/2/80 E0ET5	400	3	3.68	3.0	6.36	2900	Dir	4G1.5+3x1	DN80	40x35 mm

DRG 550-750-1000/2/80 A

Performances

	l/s	0	4	8	12	16	20	24	28	32	36	40	44
	l/min	0	240	480	720	960	1200	1440	1680	1920	2160	2400	2640
	m³/h	0	14.4	28.8	43.2	57.6	72	86.4	100.8	115.2	129.6	144	158.4
1 DRG 550/2/80 A0FT5		*21.2*	18.8	16.4	14.2	12.2	10.5	9.0	7.4	5.0	1.6		
2 DRG 750/2/80 A0FT5		*27.0*	24.7	22.0	19.3	16.9	14.7	12.8	10.8	8.6	6.0	2.6	
3 DRG 1000/2/80 A0FT5		*38.6*	34.2	30.6	27.6	24.7	21.8	19.0	16.3	13.7	11.1	8.3	4.7

Characteristic curves according to UNI EN ISO 9906



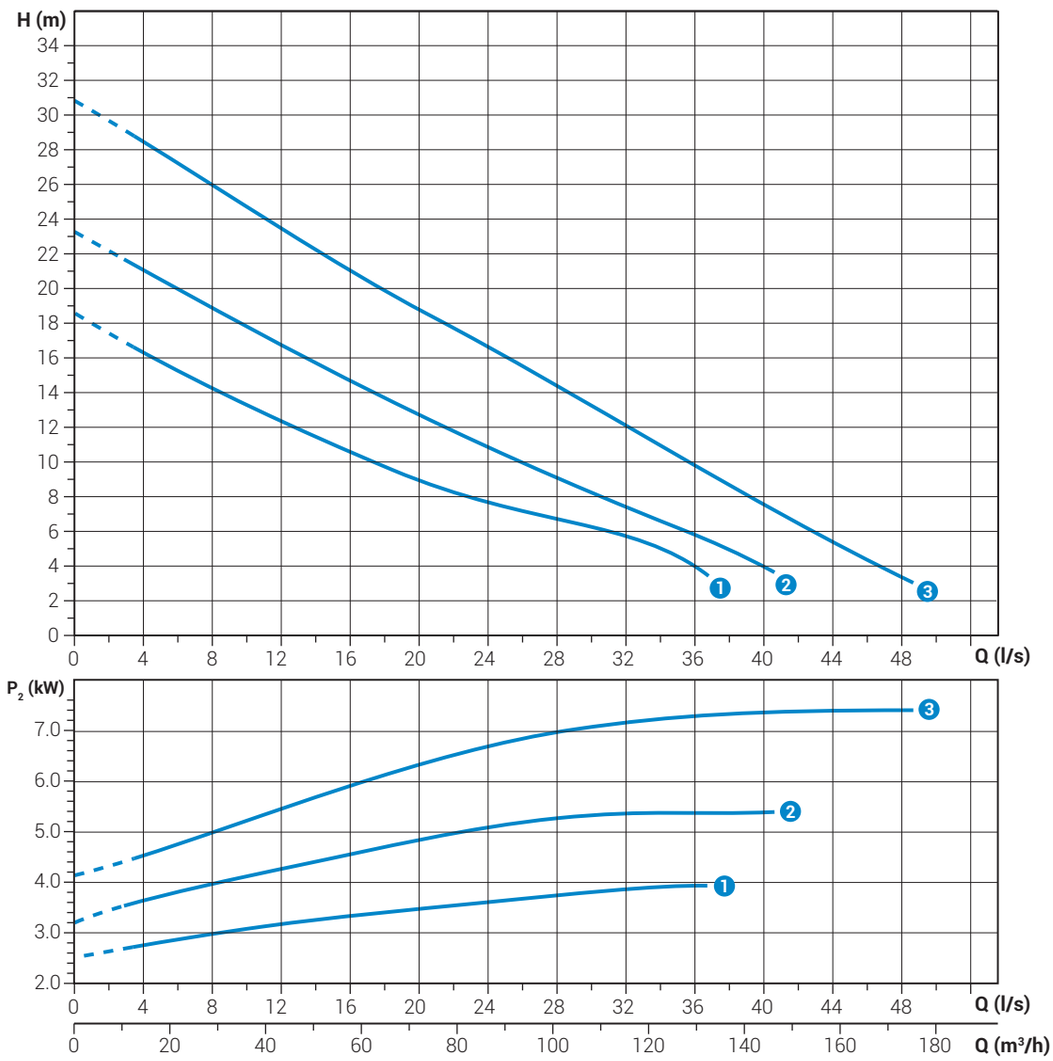
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 550/2/80 A0FT5	400	3	4.66	4.0	7.73	2900	Dir	4G1.5+3x1	DN80	40 mm
2 DRG 750/2/80 A0FT5	400	3	6.32	5.5	10.8	2900	Dir	4G1.5+3x1	DN80	40 mm
3 DRG 1000/2/80 A0FT5	400	3	8.51	7.5	13.7	2900	Dir	4G1.5+3x1	DN80	40 mm

DRG 550-750-1000/2/80 B

Performances

	l/s	0	4	8	12	16	20	24	28	32	36	40	44	48
	l/min	0	240	480	720	960	1200	1440	1680	1920	2160	2400	2640	2880
	m³/h	0	14.4	28.8	43.2	57.6	72	86.4	100.8	115.2	129.6	144	158.4	172.8
1 DRG 550/2/80 B0FT5		*18.6*	16.3	14.4	12.5	10.7	9.1	7.9	6.9	5.9	4.2			
2 DRG 750/2/80 B0FT5		*23.4*	21.3	19.1	17.0	14.9	13.0	11.1	9.4	7.8	6.1	4.3		
3 DRG 1000/2/80 B0FT5		*30.9*	28.5	26.0	23.6	21.2	19.0	16.8	14.6	12.4	10.2	7.8	5.6	3.6



Characteristic curves according to UNI EN ISO 9906

Technical data

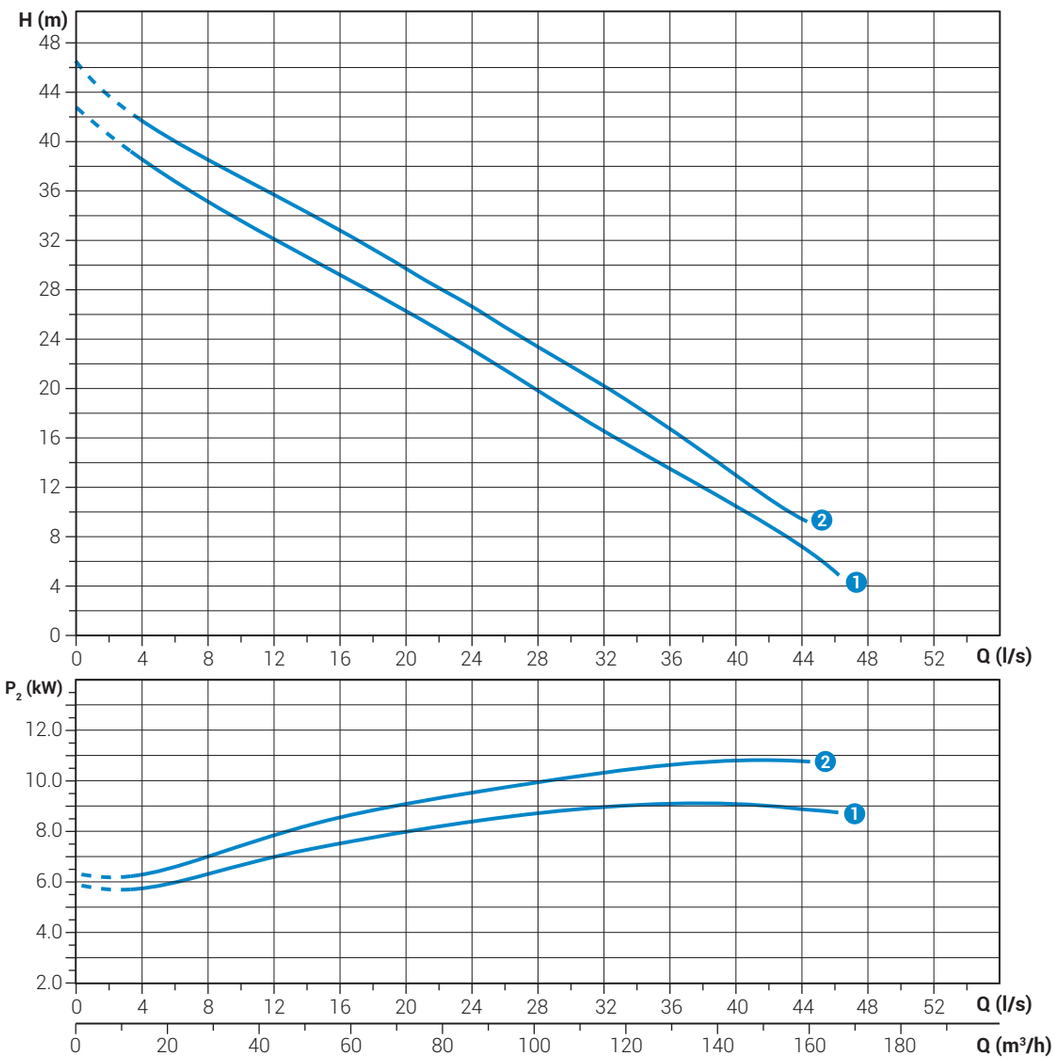
	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 550/2/80 B0FT5	400	3	4.66	4.0	7.73	2900	Dir	4G1.5+3x1	DN80	55x50 mm
2 DRG 750/2/80 B0FT5	400	3	6.32	5.5	10.8	2900	Dir	4G1.5+3x1	DN80	50x55 mm
3 DRG 1000/2/80 B0FT5	400	3	8.51	7.5	13.7	2900	Dir	4G1.5+3x1	DN80	50x55 mm

DRG 1200-1500/2/80 A

Performances

	l/s	0	4	8	12	16	20	24	28	32	36	40	44
	l/min	0	240	480	720	960	1200	1440	1680	1920	2160	2400	2640
	m³/h	0	14.4	28.8	43.2	57.6	72	86.4	100.8	115.2	129.6	144	158.4
1 DRG 1200/2/80 A0GT5		*42.8*	38.6	35.1	32.1	29.3	26.4	23.2	19.9	16.6	13.4	10.5	7.2
2 DRG 1500/2/80 A0GT5		*46.5*	41.5	38.5	35.7	32.8	29.6	24.5	23.4	20.2	16.7	13.0	9.5

Characteristic curves according to UNI EN ISO 9906



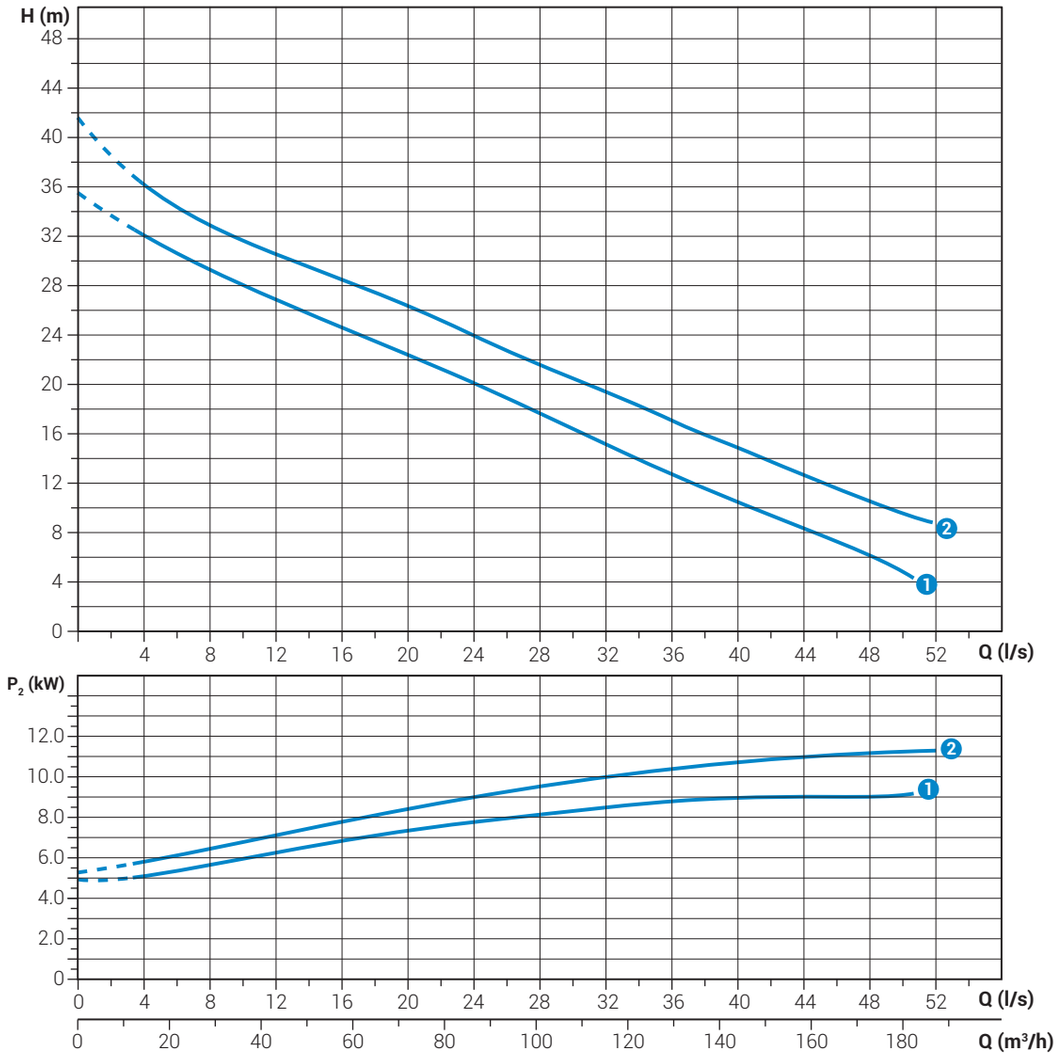
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 1200/2/80 A0GT5	400/700	3	10.4	9.0	16.1	2900	Y Δ	4G4+3x1	DN80	40 mm
2 DRG 1500/2/80 A0GT5	400/700	3	12.6	11.0	19.5	2900	Y Δ	4G4+3x1	DN80	40 mm

DRG 1200-1500/2/80 B

Performances

	l/s	0	4	8	12	16	20	24	28	32	36	40	44	48
	l/min	0	240	480	720	960	1200	1440	1680	1920	2160	2400	2640	2880
	m³/h	0	14.4	28.8	43.2	57.6	72	86.4	100.8	115.2	129.6	144	158.4	172.8
1 DRG 1200/2/80 B0GT5	*35.0*	31.7	28.9	26.5	24.3	22.1	19.8	17.4	14.8	12.4	10.2	8.1	5.9	
2 DRG 1500/2/80 B0GT5	*41.7*	36.1	32.8	30.4	28.2	25.9	23.5	21.1	18.8	16.5	14.2	11.9		



Characteristic curves according to UNI EN ISO 9906

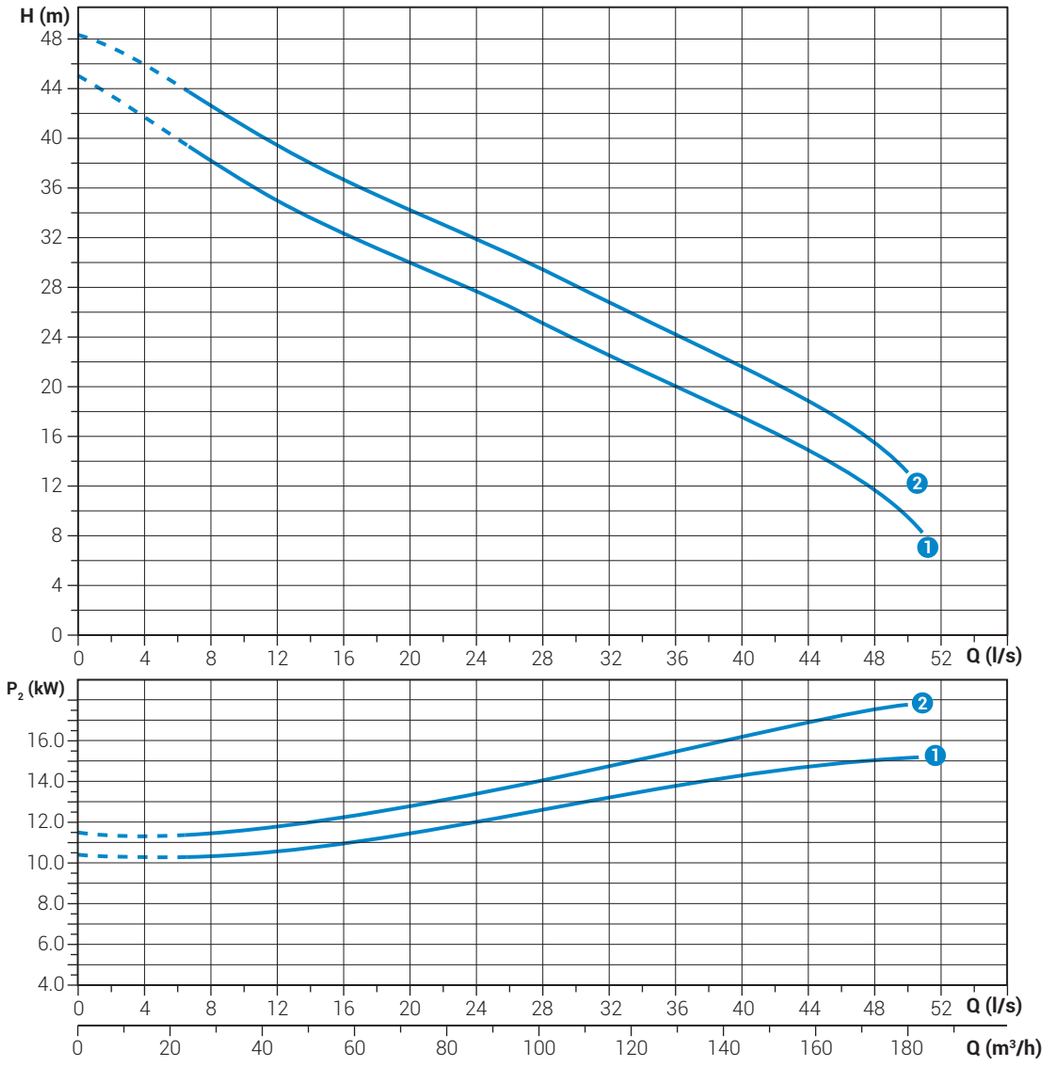
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 1200/2/80 B0GT5	400/700	3	10.4	9.0	16.1	2900	Y Δ	4G4+3x1	DN80	55x50 mm
2 DRG 1500/2/80 B0GT5	400/700	3	12.6	11.0	16.5	2900	Y Δ	4G4+3x1	DN80	55x50 mm

DRG 2000-2500/2/80

Performances

	l/s	0	4	8	12	16	20	24	28	32	36	40	44	48
	l/min	0	240	480	720	960	1200	1440	1680	1920	2160	2400	2640	2880
	m³/h	0	14.4	28.8	43.2	57.6	72	86.4	100.8	115.2	129.6	144	158.4	172.8
1 DRG 2000/2/80 G0HT5		*45.0*	*41.6*	38.1	35.0	32.3	29.9	27.6	25.2	22.6	20.0	17.5	14.9	
2 DRG 2500/2/80 G0HT5		*48.3*	*46.0*	42.7	39.5	36.8	34.3	32.0	29.5	27.0	24.3	21.7	19.0	15.6



Characteristic curves according to UNI EN ISO 9906

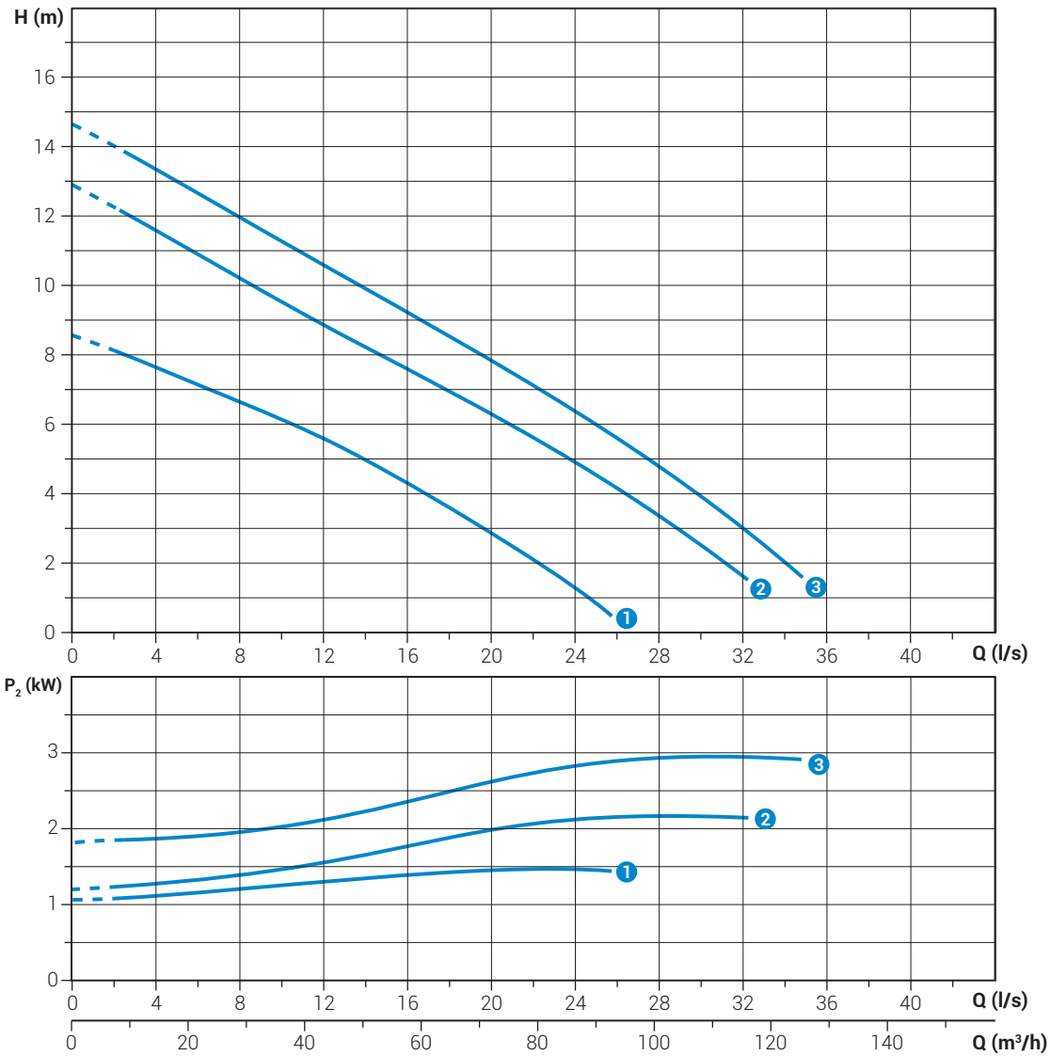
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 2000/2/80 G0HT5	400/700	3	16.9	15.0	26.2	2900	Y Δ	4G4+3x1	DN80	75 mm
2 DRG 2500/2/80 G0HT5	400/700	3	20.7	18.5	32.9	2900	Y Δ	7G2.5+3x1	DN80	75 mm

DRG 200-300-400/4/80

Performances

	l/s	0	4	8	12	16	20	24	28	32
	l/min	0	240	480	720	960	1200	1440	1680	1920
	m³/h	0	14.4	28.8	43.2	57.6	72	86.4	100.8	115.2
1 DRG 200/4/80 M0ET5		*8.6*	7.7	6.7	5.6	4.4	2.9	1.3		
2 DRG 300/4/80 G0ET5		*12.8*	11.6	10.2	8.8	7.5	6.3	4.9	3.4	1.6
3 DRG 400/4/80 H0ET5		*14.6*	13.4	12.0	10.6	9.2	7.8	6.4	4.8	3.0



Characteristic curves according to UNI EN ISO 9906

Technical data

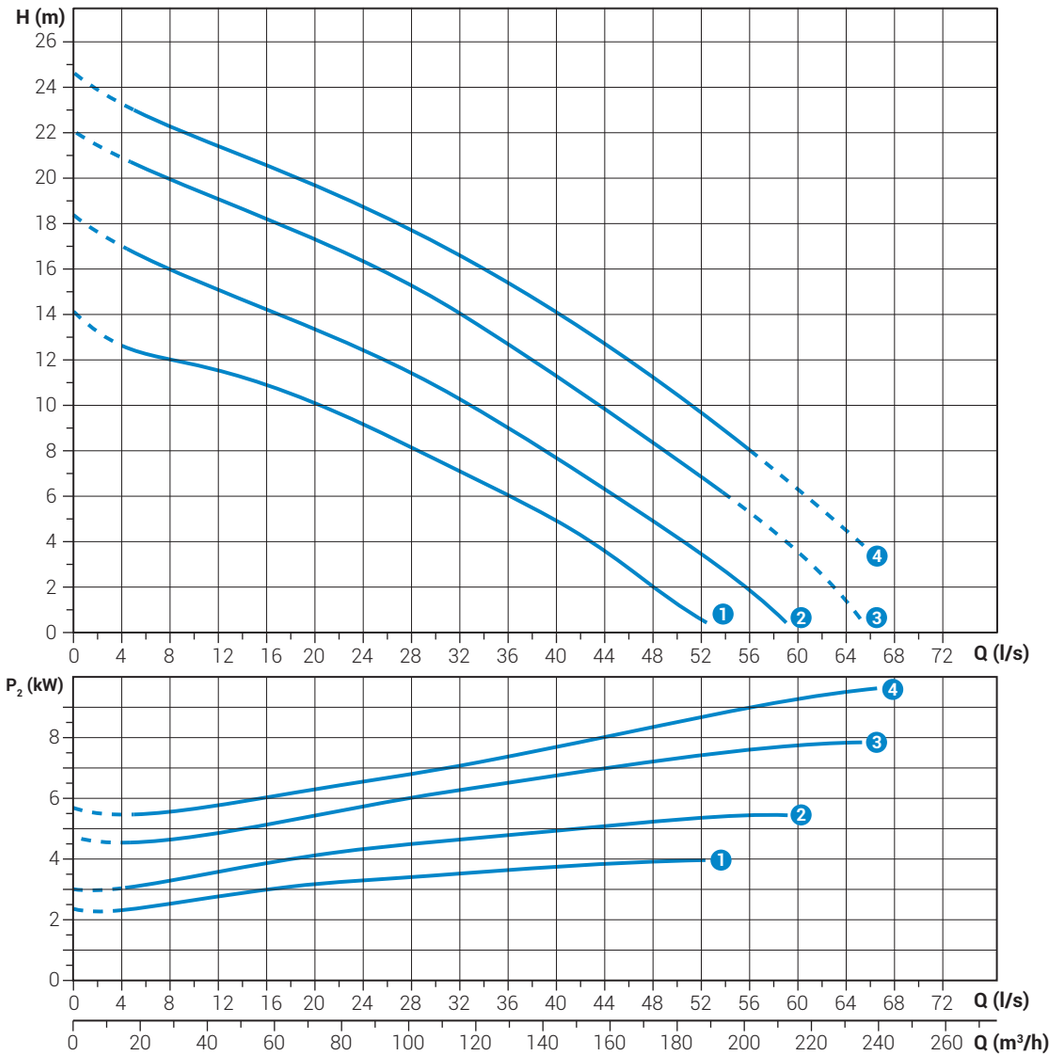
	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 200/4/80 M0ET5	400	3	1.84	1.5	3.4	1450	Dir	4G1.5+3x1	DN80	45 mm
2 DRG 300/4/80 G0ET5	400	3	2.7	2.2	5.15	1450	Dir	4G1.5+3x1	DN80	75 mm
3 DRG 400/4/80 H0ET5	400	3	3.68	3.0	6.72	1450	Dir	4G1.5+3x1	DN80	75 mm

DRG 550 ÷ 1200/4/80

Performances

	l/s	0	4	8	12	16	20	24	28	32	36	40	44	48	52
	l/min	0	240	480	720	960	1200	1440	1680	1920	2160	2400	2640	2880	3120
	m³/h	0	14.4	28.8	43.2	57.6	72	86.4	100.8	115.2	129.6	144	158.4	172.8	187.2
1 DRG 550/4/80 D0FT5		*14.1*	*12.6*	12.0	11.5	10.9	10.0	9.1	8.1	7.1	6.1	4.9	3.6	2.1	0.6
2 DRG 750/4/80 D0FT5		*18.4*	*17.0*	16.0	15.1	14.3	13.4	12.5	11.5	10.3	9.0	7.7	6.3	4.9	3.5
3 DRG 1000/4/80 D0GT5		*22.0*	*21.0*	20.0	19.1	18.3	17.4	16.4	15.3	14.1	12.7	11.3	9.9	8.4	6.9
4 DRG 1200/4/80 D0HT5		*24.6*	*23.2*	22.2	21.4	20.6	19.7	18.8	17.7	16.6	15.3	14.0	12.6	1.1	9.6

Characteristic curves according to UNI EN ISO 9906



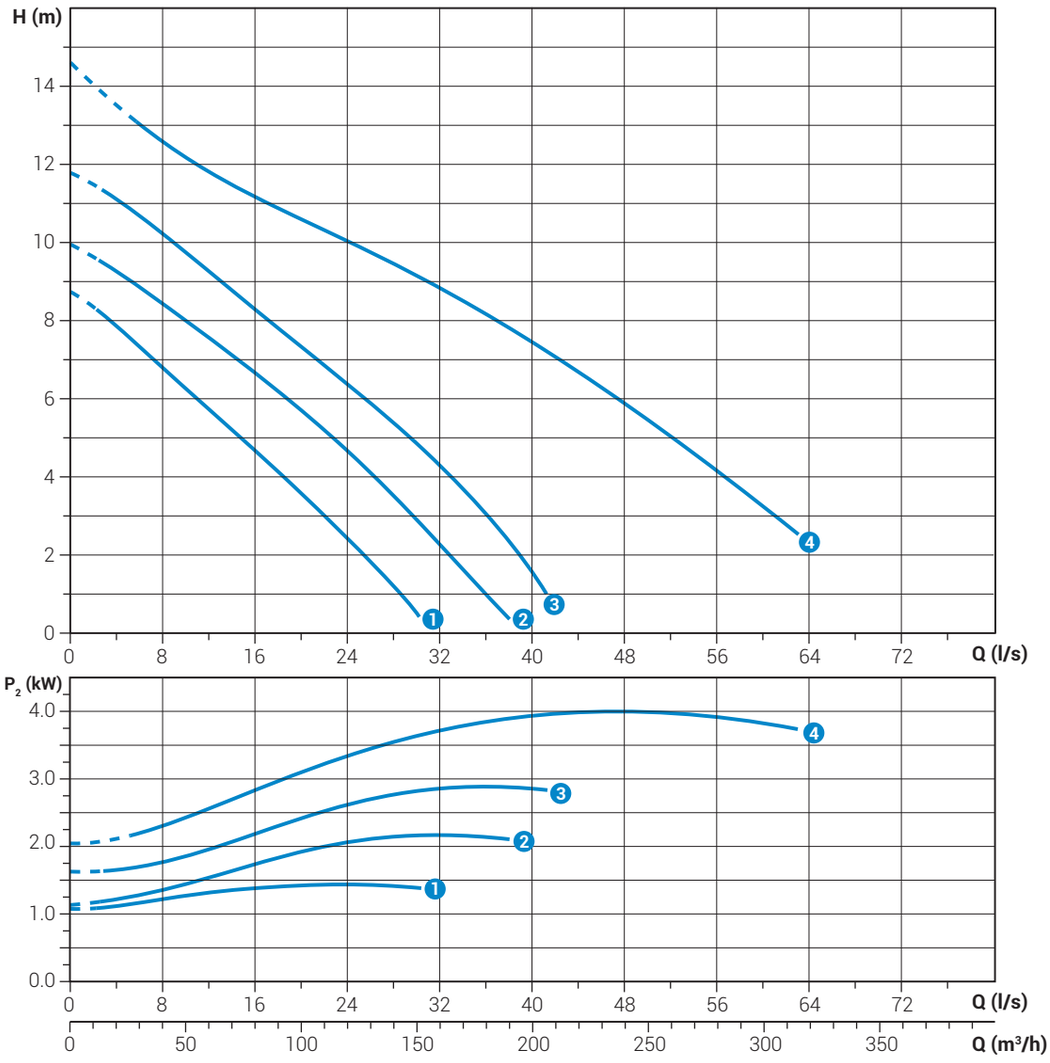
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 550/4/80 D0FT5	400	3	4.62	4.0	8.4	1450	Dir	4G1.5+3x1	DN80	65x60 mm
2 DRG 750/4/80 D0FT5	400	3	6.38	5.5	11.8	1450	Dir	4G1.5+3x1	DN80	65x60 mm
3 DRG 1000/4/80 D0GT5	400/700	3	8.72	7.5	15.8	1450	Y Δ	4G4+3x1	DN80	65x60 mm
4 DRG 1200/4/80 D0HT5	400/700	3	10.2	9.0	17.0	1450	Y Δ	7G1.5+3x1	DN80	65x60 mm

DRG 200-300-400-550/4/100

Performances

	l/s	0	4	8	12	16	20	24	28	32	36	40	44	48	56
	l/min	0	240	480	720	960	1200	1440	1680	1920	2160	2400	2640	2880	3360
	m³/h	0	14.4	28.8	43.2	57.6	72	86.4	100.8	115.2	129.6	144	158.4	172.8	201.6
1 DRG 200/4/100 T0ET5		*8.7*	7.9	6.8	5.7	4.7	3.8	2.4	1.2						
2 DRG 300/4/100 U0ET5		*9.9*	9.2	8.4	7.5	6.6	5.7	4.7	3.5	2.3	1.0				
3 DRG 400/4/100 U0ET5		*11.8*	11.1	10.2	9.2	8.3	7.3	6.4	5.4	4.3	3.0	1.6			
3 DRG 550/4/100 R0FT5		*15.6*	*13.4*	12.5	11.8	11.2	10.6	10.0	9.4	8.8	8.1	7.4	6.6	5.8	4.2



Characteristic curves according to UNI EN ISO 9906

Technical data

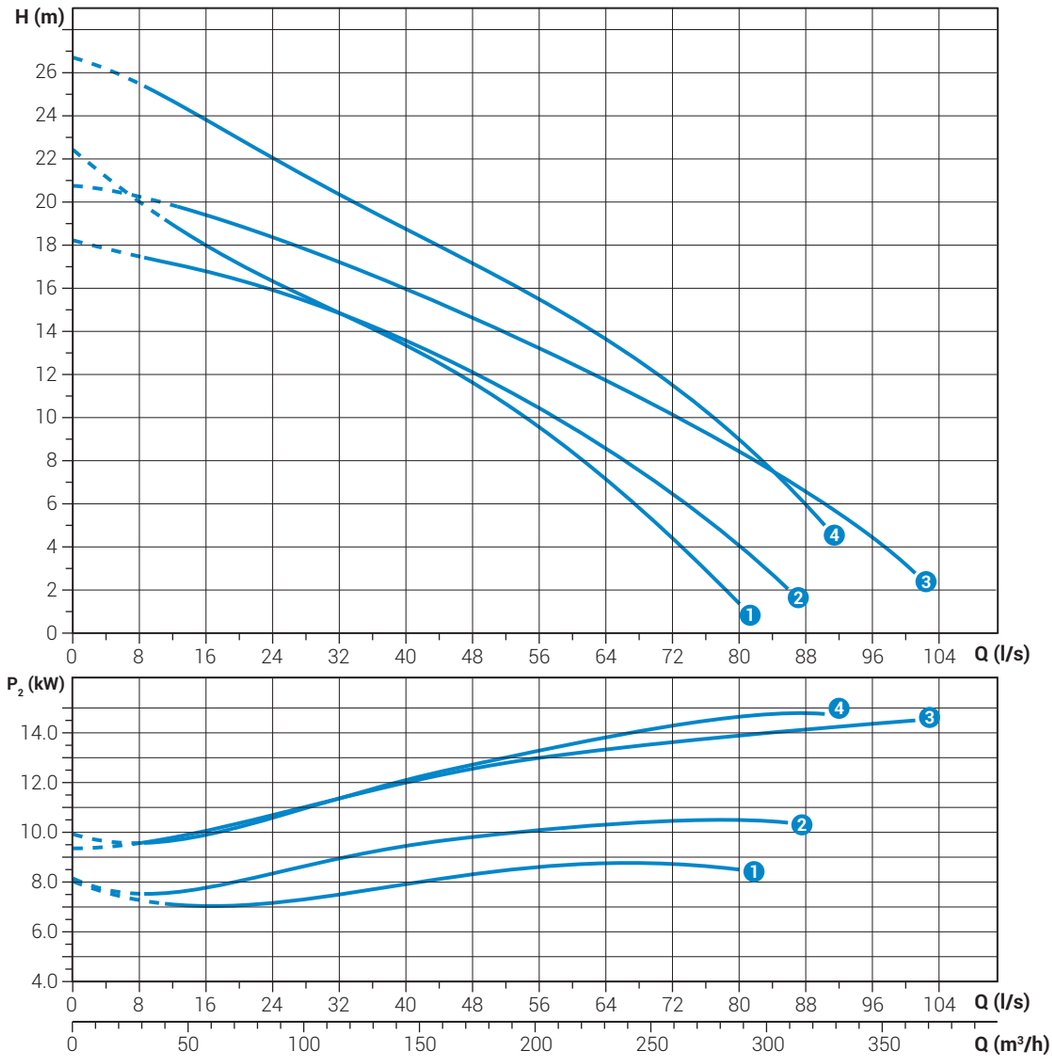
	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 200/4/100 T0ET5	400	3	1.84	1.5	3.4	1450	Dir	4G1.5+3x1	DN100	45 mm
2 DRG 300/4/100 U0ET5	400	3	2.7	2.2	5.15	1450	Dir	4G1.5+3x1	DN100	60 mm
3 DRG 400/4/100 U0ET5	400	3	3.68	3.0	6.72	1450	Dir	4G1.5+3x1	DN100	60 mm
4 DRG 550/4/100 R0FT5	400	3	4.62	4.0	8.4	1450	Dir	4G1.5+3x1	DN 100	65 mm

DRG 1200-1500-2000/4/100

Performances

	l/s	0	8	16	24	32	40	48	56	64	72	80	88	96
	l/min	0	480	960	1440	1920	2400	2880	3360	3840	4320	4800	5280	5760
	m³/h	0	28.8	57.6	86.4	115.2	144	172.8	201.6	230.4	259.2	288	316.8	345.6
1 DRG 1200/4/100 H0HT5		*22.4*	20.0	18.0	16.4	14.8	13.3	11.6	9.6	7.2	4.4	1.3		
2 DRG 1500/4/100 A0HT5		*18.2*	17.5	16.8	15.9	14.8	13.5	12.0	10.4	8.5	6.5	4.0		
3 DRG 2000/4/100 A0HT5		*26.6*	25.4	23.8	22.0	20.3	18.7	17.1	15.5	13.6	11.5	8.9	5.8	
4 DRG 2000/4/100 B0HT5		*20.7*	20.2	19.4	18.3	17.2	15.9	14.6	13.2	11.7	10.2	8.4	6.5	4.3

Characteristic curves according to UNI EN ISO 9906



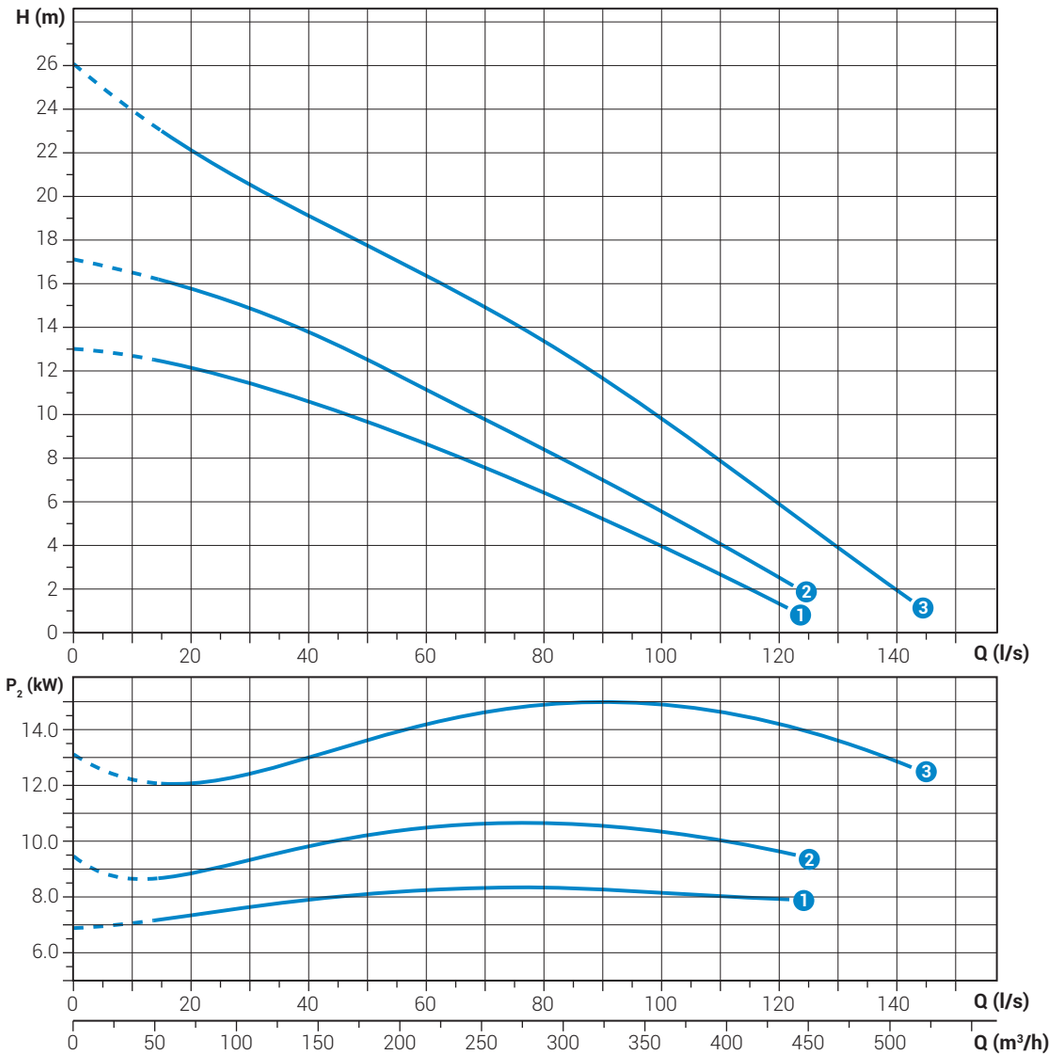
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 1200/4/100 H0HT5	400/700	3	10.2	9.0	17	1450	Y Δ	7G1.5+3x1	DN100	80 mm
2 DRG 1500/4/100 A0HT5	400/700	3	12.6	11.0	20.5	1450	Y Δ	7G1.5+3x1	DN100	80 mm
3 DRG 2000/4/100 A0HT5	400/700	3	16.7	15.0	30.8	1450	Y Δ	7G2.5+3x1	DN100	80 mm
4 DRG 2000/4/100 B0HT5	400/700	3	16.7	15.0	30.8	1450	Y Δ	7G2.5+3x1	DN100	80 mm

DRG 1200-1500-2000/4/150

Performances

	l/s	0	12	24	36	48	60	72	84	96	108.0	120.0	132.0
	l/min	0	720	1440	2160	2880	3600	4320	5040	5760	6480	7200	7920
	m³/h	0	43.2	86.4	129.6	172.8	216	259.2	302.4	345.6	388.8	432	475.2
1 DRG 1200/4/150 A0HT5		*13*	*12.6*	11.9	10.9	9.9	8.6	7.3	5.9	4.5	2.9	1.3	
2 DRG 1500/4/150 A0HT5		*17.1*	*16.4*	15.5	14.3	12.8	11.2	9.5	7.8	6.1	4.4	2.5	
3 DRG 2000/4/150 A0HT5		*26.1*	*23.5*	21.4	19.6	18	16.6	14.6	12.7	10.5	8.2	5.8	3.4



Characteristic curves according to UNI EN ISO 9906

Technical data

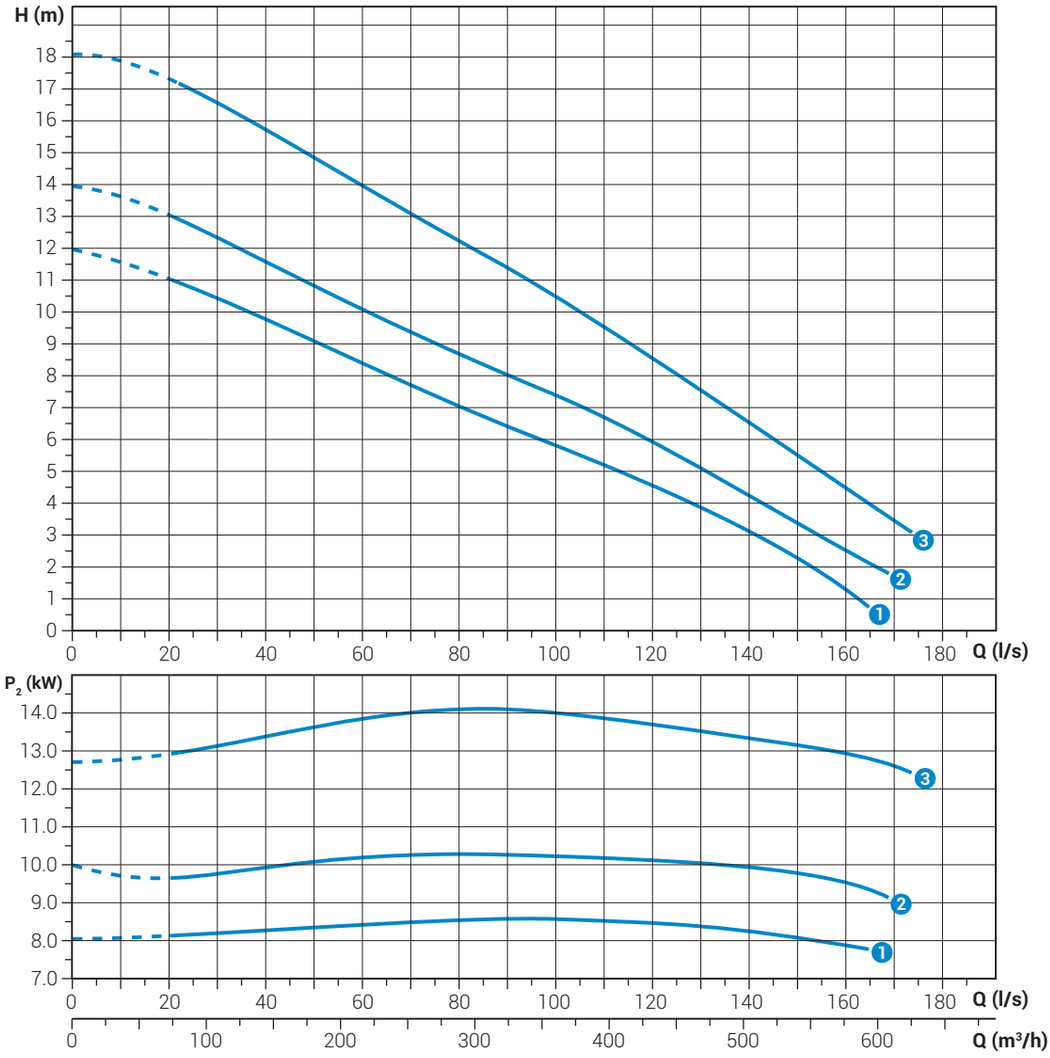
	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 1200/4/150 A0HT5	400/700	3	10.2	9.0	17	1450	Y Δ	7G1.5+3x1	DN150	80 mm
2 DRG 1500/4/150 A0HT5	400/700	3	12.6	11.0	20.5	1450	Y Δ	7G1.5+3x1	DN150	80 mm
3 DRG 2000/4/150 A0HT5	400/700	3	16.7	15.0	30.8	1450	Y Δ	7G2.5+3x1	DN150	80 mm

DRG 1200-1500-2000/4/200

Performances

	l/s	0	16	32	48	64	80	96	112.0	128.0	144.0	160.0
	l/min	0	960	1920	2880	3840	4800	5760	6720	7680	8640	9600
	m³/h	0	57.6	115.2	172.8	230.4	288	345.6	403.2	460.8	518.4	576
1 DRG 1200/4/200 B0HT5		*11.9*	*11.2*	10.3	9.2	8.1	7	6	5	4	2.8	1.2
2 DRG 1500/4/200 B0HT5		*13.9*	*13.3*	12.1	10.9	9.7	8.6	7.6	6.5	5.2	3.8	2.4
3 DRG 2000/4/200 B0HT5		*18.1*	*17.6*	16.4	15	13.6	12.2	10.8	9.3	7.7	6.1	4.5

Characteristic curves according to UNI EN ISO 9906



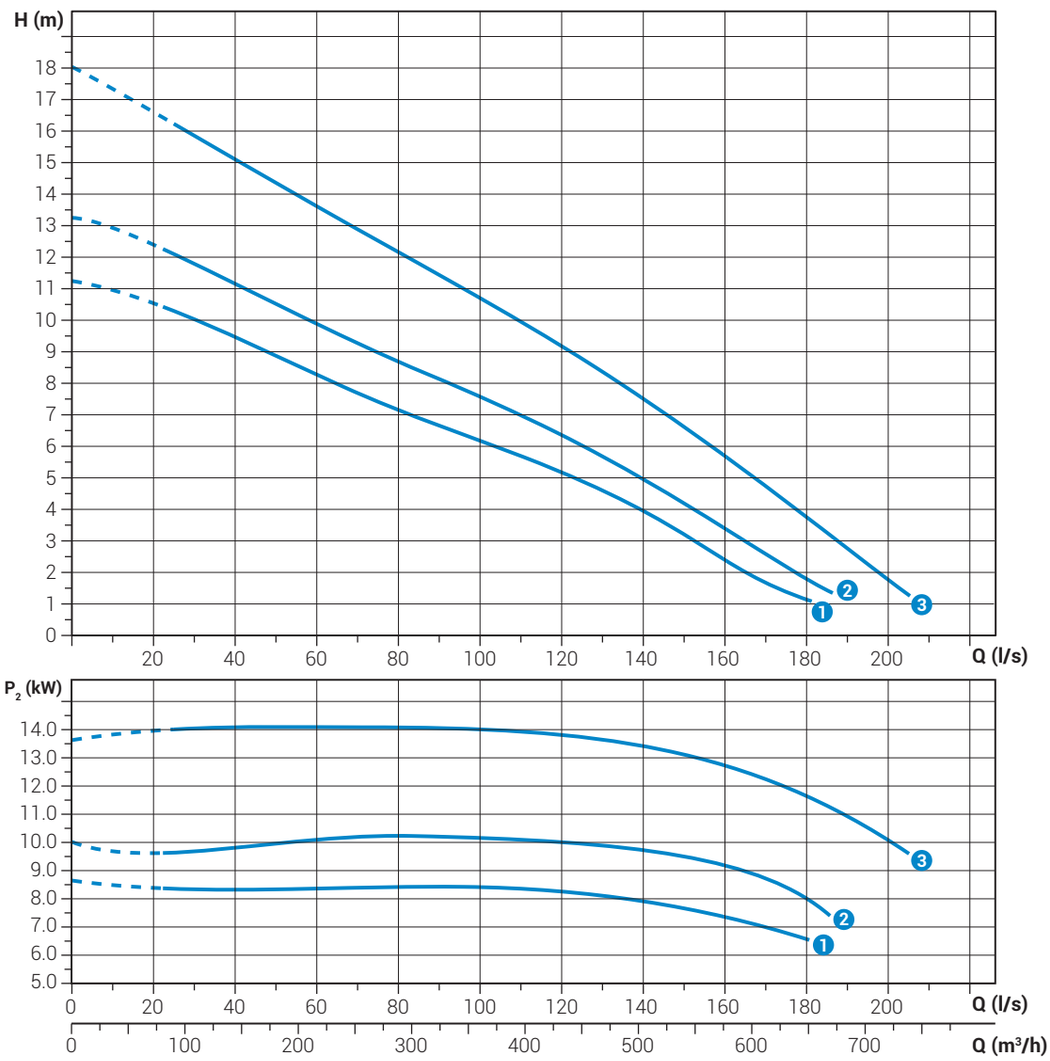
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 1200/4/200 B0HT5	400/700	3	10.2	9.0	17.0	1450	Y Δ	7G1.5+3x1	DN150	80 mm
2 DRG 1500/4/200 B0HT5	400/700	3	12.6	11.0	20.5	1450	Y Δ	7G1.5+3x1	DN150	80 mm
3 DRG 2000/4/200 B0HT5	400/700	3	16.7	15.0	30.8	1450	Y Δ	7G2.5+3x1	DN150	80 mm

DRG 1200-1500-2000/4/250

Performances

	l/s	0	16	32	48	64	80	96	112.0	128.0	144.0	160.0	176.0	192.0
	l/min	0	960	1920	2880	3840	4800	5760	6720	7680	8640	9600	10560	11520
	m³/h	0	57.6	115.2	172.8	230.4	288	345.6	403.2	460.8	518.4	576	633.6	691.2
1 DRG 1200/4/250 H0HT5		*11.3*	*10.8*	9.9	9	8	7.2	6.4	5.6	4.7	3.6	2.4	1.3	
2 DRG 1500/4/250 H0HT5		*13.3*	*12.7*	11.7	10.7	9.7	8.7	7.8	6.9	5.8	4.7	3.4	2.1	
3 DRG 2000/4/250 H0HT5		*18.1*	*16.9*	15.7	14.5	13.3	12.2	11	9.8	8.6	7.2	5.7	4.1	2.5



Characteristic curves according to UNI EN ISO 9906

Technical data

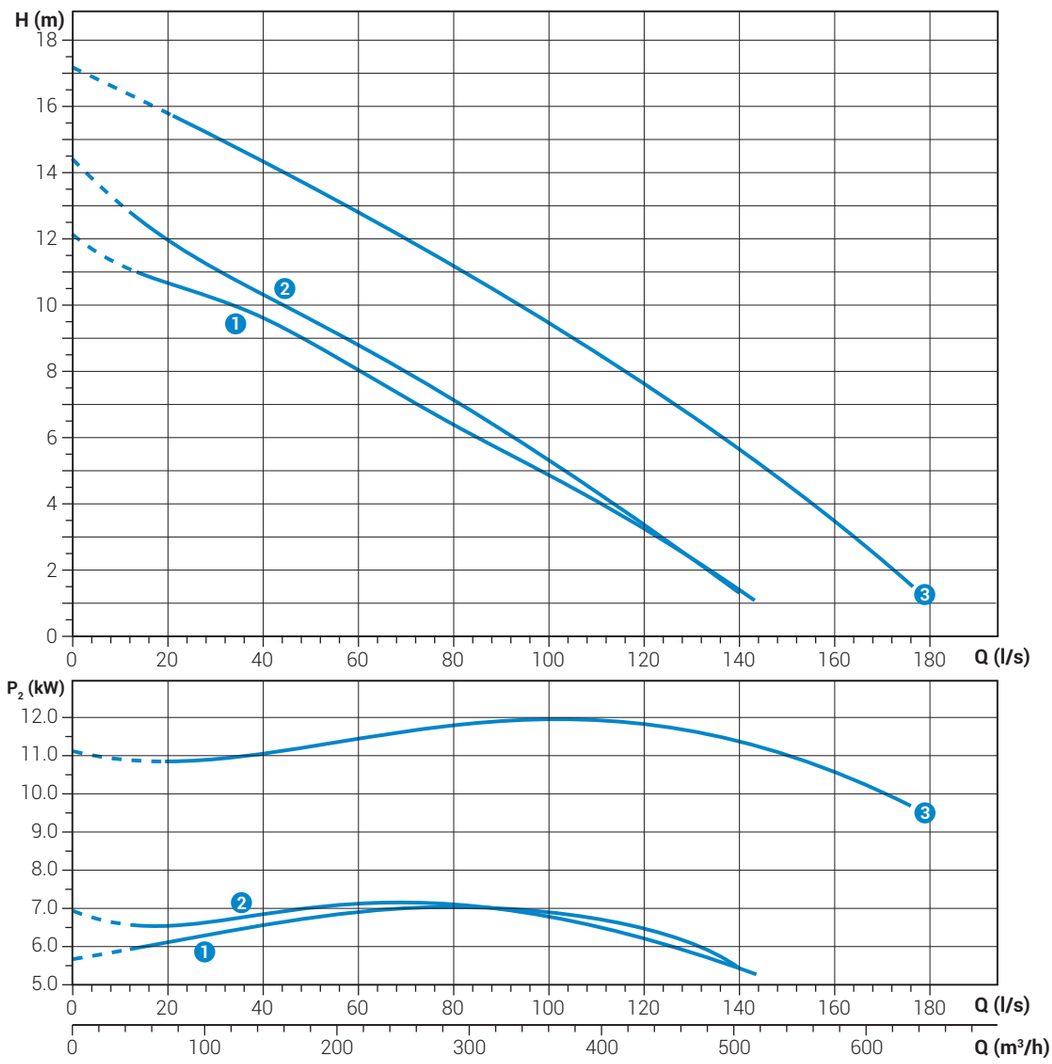
	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 1200/4/250 H0HT5	400/700	3	10.2	9.0	17.0	1450	Y Δ	4G6	7G1.5+3x1	80 mm
2 DRG 1500/4/250 H0HT5	400/700	3	12.6	11.0	20.5	1450	Y Δ	4G6	7G1.5+3x1	80 mm
3 DRG 2000/4/250 H0HT5	400/700	3	16.7	15.0	30.8	1450	Y Δ	4G6	7G2.5+3x1	80 mm

DRG 1000-1750/6/200

Performances

	l/s	0	16	32	48	64	80	96	112.0	128.0	144.0	160.0
	l/min	0	960	1920	2880	3840	4800	5760	6720	7680	8640	9600
	m³/h	0	57.6	115.2	172.8	230.4	288	345.6	403.2	460.8	518.4	576
1 DRG 1000/6/200 A0HT5		*12.2*	*10.9*	10.1	9.0	7.7	6.4	5.1	3.9	2.5		
2 DRG 1000/6/200 B0HT5		*14.4*	*12.4*	10.9	9.7	8.4	7.0	5.6	4.3	2.6		
3 DRG 1750/6/200 A0HT5		*17.2*	*16.1*	14.9	13.8	12.5	11.2	9.8	8.4	6.9	5.2	3.4

Characteristic curves according to UNI EN ISO 9906



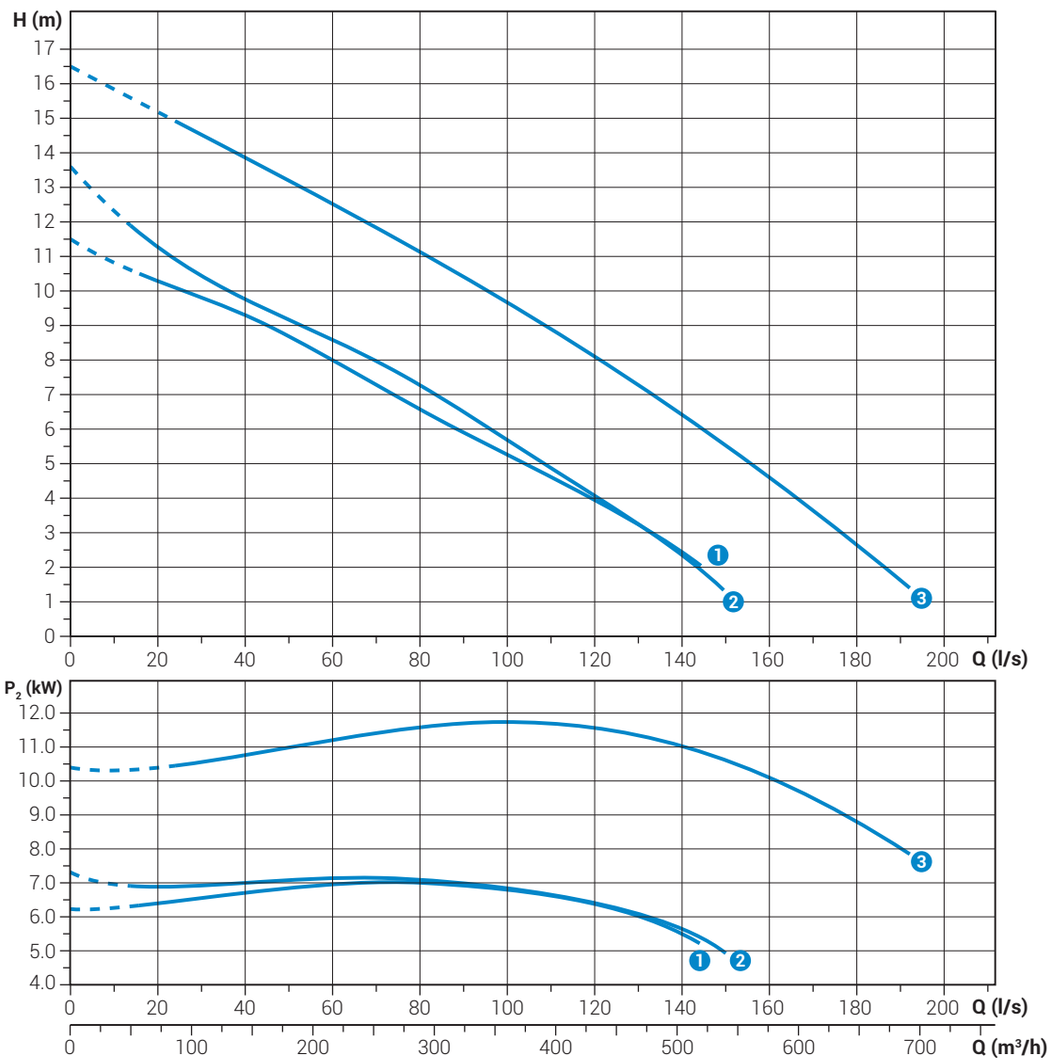
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 1000/6/200 A0HT5	400/700	3	8.85	7.5	15.7	960	Y Δ	7G1.5+3x1	DN200	100x70 mm
2 DRG 1000/6/200 B0HT5	400/700	3	8.85	7.5	15.7	960	Y Δ	7G1.5+3x1	DN200	80 mm
3 DRG 1750/6/200 A0HT5	400/700	3	15.0	13.0	27.6	960	Y Δ	7G2.5+3x1	DN200	100x70 mm

DRG 1000-1750/6/250

Performances

	l/s	0	16	32	48	64	80	96	112.0	128.0	144.0	160.0	176.0	192.0
	l/min	0	960	1920	2880	3840	4800	5760	6720	7680	8640	9600	10560	11520
	m³/h	0	57.6	115.2	172.8	230.4	288	345.6	403.2	460.8	518.4	576	633.6	691.2
1 DRG 1000/6/250 C0HT5		*11.5*	*10.5*	9.7	8.9	7.8	6.6	5.5	4.5	3.4	2.1			
2 DRG 1000/6/250 H0HT5		*13.6*	*11.6*	10.3	9.3	8.3	7.3	6.0	4.7	3.4	2.0			
3 DRG 1750/6/250 C0HT5		*16.5*	*15.4*	14.4	13.3	12.2	11.1	10.0	8.8	7.5	6.1	4.6	3.1	1.4

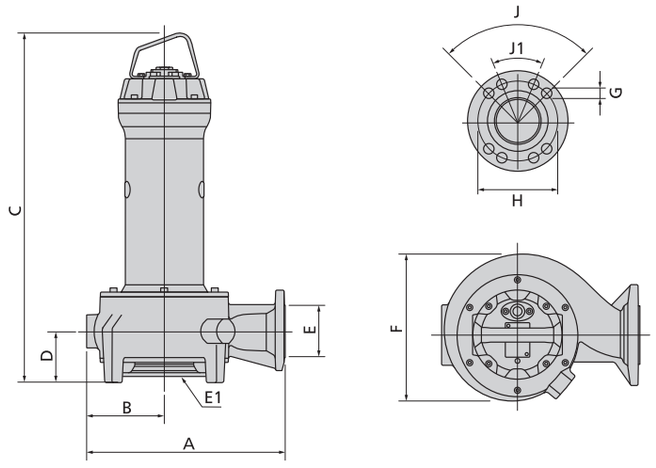


Characteristic curves according to UNI EN ISO 9906

Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
1 DRG 1000/6/250 C0HT5	400/700	3	8.85	7.5	15.7	960	Dir	7G1.5+3x1	DN250	100x70 mm
2 DRG 1000/6/250 H0HT5	400/700	3	8.85	7.5	15.7	960	Dir	7G1.5+3x1	DN250	80 mm
3 DRG 1750/6/250 C0HT5	400/700	3	15.0	13.0	27.6	960	Dir	7G2.5+3x1	DN250	100x70 mm

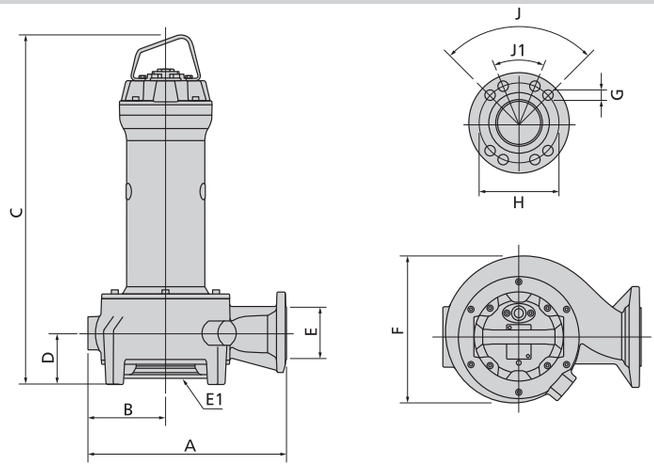
Overall dimensions and weights



	A	B	C	D	E	E1	F	G	H	J°	J1°	kg
DRG 250/2/65 B0AT5	344	136	543	80	65	65	255	18	145	90	-	34.0
DRG 300/2/65 A0ET5	344	136	565	80	65	65	255	18	145	90	-	59.6
DRG 400/2/65 A0ET5	344	136	615	80	65	65	255	18	145	90	-	61.6
DRG 250/2/80 L0AT5	347	135	542	80	80	80	252	18	160	90	45	36.0
DRG 300/2/80 E0ET5	347	135	564	80	80	80	252	18	160	90	45	60.6
DRG 400/2/80 E0ET5	347	135	614	80	80	80	252	18	160	90	45	62.6
DRG 550/2/80 A0FT5	327	142	707	91	80	80	271	18	160	90	45	68.0
DRG 550/2/80 B0FT5	327	142	707	91	80	80	271	18	160	90	45	68.0
DRG 750/2/80 A0FT5	327	142	707	91	80	80	271	18	160	90	45	70.7
DRG 750/2/80 B0FT5	327	142	707	91	80	80	271	18	160	90	45	70.7
DRG 1000/2/80 A0FT5	327	142	782	91	80	80	271	18	160	90	45	79.7
DRG 1000/2/80 B0FT5	327	142	782	91	80	80	271	18	160	90	45	79.7
DRG 1200/2/80 A0GT5	327	142	850	91	80	80	271	18	160	90	45	110.0
DRG 1200/2/80 B0GT5	327	142	850	91	80	80	271	18	160	90	45	110.0
DRG 1500/2/80 A0GT5	327	142	850	91	80	80	271	18	160	90	45	113.0
DRG 1500/2/80 B0GT5	327	142	850	91	80	80	271	18	160	90	45	113.0
DRG 2000/2/80 G0HT5	393	151	930	88	80	80	293	18	160	90	45	155.0
DRG 2500/2/80 G0HT5	393	151	1033	88	80	80	293	18	160	90	45	165.0
DRG 200/4/80 M0ET5	394	151	603	88	80	80	292	18	160	90	45	66.0
DRG 300/4/80 G0ET5	393	151	653	88	80	80	292	18	160	90	45	72.6
DRG 400/4/80 H0ET5	393	151	653	88	80	80	291	18	160	90	45	77.0
DRG 550/4/80 D0FT5	481	188	831	124	80	150	367	18	160	90	45	108.8
DRG 750/4/80 D0FT5	481	188	831	124	80	150	367	18	160	90	45	109.8
DRG 1000/4/80 D0GT5	481	188	899	124	80	150	367	18	160	90	45	141.0
DRG 1200/4/80 D0HT5	481	188	980	124	80	150	367	18	160	90	45	199.0
DRG 200/4/100 T0ET5	417	160	603	91	100	100	310	18	180	45	-	69.0
DRG 300/4/100 U0ET5	417	160	653	91	100	100	310	18	180	45	-	75.6
DRG 400/4/100 U0ET5	417	160	653	91	100	100	310	18	180	45	-	80.0
DRG 550/4/100 R0FT5	449	183	780	91	100	100	353	18	180	45	-	88.8
DRG 1200/4/100 H0HT5	548	208	979	124	100	150	413	18	180	45	-	211.0
DRG 1500/4/100 A0HT5	548	208	979	124	100	100	413	18	180	45	-	222.0
DRG 2000/4/100 A0HT5	548	208	1069	124	100	100	413	18	180	45	-	227.1
DRG 2000/4/100 B0HT5	590	240	1072	121	100	100	471	18	180	45	-	228.1
DRG 1200/4/150 A0HT5	612	222	985	130	150	150	447	24	240	45	-	228.1
DRG 1500/4/150 A0HT5	612	222	985	130	150	150	447	24	240	45	-	234.0
DRG 2000/4/150 A0HT5	612	222	1075	130	150	150	447	24	240	45	-	240.0

Dimensions in mm

DRG



	A	B	C	D	E	E1	F	G	H	J°	J1°	kg
DRG 1200/4/200 B0HT5	692	273	1046	172	200	200	539	24	295	45	-	255.0
DRG 1500/4/200 B0HT5	692	273	1136	172	200	200	539	24	295	45	-	261.0
DRG 2000/4/200 B0HT5	692	273	1136	172	200	200	539	24	295	45	-	267.0
DRG 1200/4/250 H0HT5	808	334	1046	203	250	200	609	24	350	30	-	286.0
DRG 1500/4/250 H0HT5	808	334	1136	203	250	200	609	24	350	30	-	292.0
DRG 2000/4/250 H0HT5	808	334	1136	203	250	200	609	24	350	30	-	298.0
DRG 1000/6/200 A0HT5	692	273	1077	203	200	250	539	24	295	45	-	298.8
DRG 1000/6/200 B0HT5	692	273	1046	172	200	200	539	24	295	45	-	261.0
DRG 1750/6/200 A0HT5	692	273	1167	203	200	250	539	24	295	45	-	308.8
DRG 1000/6/250 C0HT5	808	334	1078	203	250	250	609	24	350	30	-	324.3
DRG 1000/6/250 H0HT5	808	334	1046	203	250	200	609	24	350	30	-	292.0
DRG 1750/6/250 C0HT5	808	334	1168	203	250	250	609	24	350	30	-	334.3

Packaging dimension

	X	Y	Z
DRG 250/2/65 B0AT5	445	725	425
DRG 300/2/65 A0ET5	445	725	425
DRG 400/2/65 A0ET5	445	725	425
DRG 250/2/80 L0AT5	445	725	425
DRG 300/2/80 E0ET5	445	725	425
DRG 400/2/80 E0ET5	445	725	425
DRG 550/2/80 A0FT5	445	725	425
DRG 550/2/80 B0FT5	445	725	425
DRG 750/2/80 A0FT5	445	725	425
DRG 750/2/80 B0FT5	445	725	425
DRG 1000/2/80 A0FT5	535	915	560
DRG 1000/2/80 B0FT5	535	915	560
DRG 1200/2/80 A0GT5	535	915	560
DRG 1200/2/80 B0GT5	535	915	560
DRG 1500/2/80 A0GT5	535	915	560
DRG 1500/2/80 B0GT5	535	915	560
DRG 2000/2/80 G0HT5	535	1000	560
DRG 2500/2/80 G0HT5	725	1270	675
DRG 200/4/80 M0ET5	445	725	425
DRG 300/4/80 G0ET5	445	725	425
DRG 400/4/80 H0ET5	445	725	425
DRG 550/4/80 D0FT5	535	915	560
DRG 750/4/80 D0FT5	535	915	560
DRG 1000/4/80 D0GT5	535	915	560

	X	Y	Z
DRG 1200/4/80 D0HT5	725	1270	675
DRG 200/4/100 T0ET5	445	725	425
DRG 300/4/100 U0ET5	445	725	425
DRG 400/4/100 U0ET5	445	725	425
DRG 550/4/100 R0FT5	535	915	560
DRG 1200/4/100 H0HT5	725	1270	675
DRG 1500/4/100 A0HT5	725	1270	675
DRG 2000/4/100 A0HT5	725	1270	675
DRG 2000/4/100 B0HT5	725	1270	675
DRG 1200/4/150 A0HT5	725	1270	675
DRG 1500/4/150 A0HT5	725	1270	675
DRG 2000/4/150 A0HT5	725	1270	675
DRG 1200/4/200 B0HT5	725	1270	675
DRG 1500/4/200 B0HT5	725	1270	675
DRG 2000/4/200 B0HT5	725	1270	675
DRG 1200/4/250 H0HT5	825	1070	1355
DRG 1500/4/250 H0HT5	825	1070	1355
DRG 2000/4/250 H0HT5	825	1070	1355
DRG 1000/6/200 A0HT5	725	1270	675
DRG 1000/6/200 B0HT5	725	1270	675
DRG 1750/6/200 A0HT5	725	1270	675
DRG 1000/6/250 C0HT5	825	1070	1355
DRG 1000/6/250 H0HT5	825	1070	1355
DRG 1750/6/250 C0HT5	825	1070	1355

Dimensions in mm

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