

Technical data

Pump name EVMS64 5-0LF6HQ1BEG

Customer	Date 2024-07-01	Company
Contact	Item no.	Issued by
Phone	Project	Phone
E-mail	Project ID Project redenumit 2024-07-01 19:11:	E-mail

Requested data

1	Pump type	VERTICAL MULTISTAGE PUMP	Fluid	Water
2	Number of pumps / Reserve	1 / 0	Liquid temperature °C	20
3	Flow m³/h		Kin. viscosity mm²/s	1.005
4	Head m		Vapour pressure bar	0.0234
5	Geodetic head m		PH value	
6	Inlet pressure (pin) bar	0	Density kg/m³	998.3
7	Available system NPSH		Solids Weight %	0
8	Ambient temperature °C	20		

Pump

9	Pump name	EVMS64 5-0LF6HQ1BEG	Frequency		Hz	60
10	Design	VERTICAL MULTISTAGE PUMP	Installation type			Loose flange
11	Manufacturer	EBARA	Impeller Diameter	Max.	mm	-
12	Speed rpm	3550		Designed	mm	
13	No. of Stage	5		Min.	mm	-
14	Connection Suction side		Flow	Operating	m³/h	
15	Connection Discharge side			Max-	m³/h	102
16	Max Working Pressure bar	25		Min-	m³/h	36
17	Shut-off head bar	23.11	Head	Operating	m	
18	Total weight kg	See the table of "Dimensions".		- (Qmax.)	m	115.2
19	Shaft power kW			- (Qmin.)	m	204.3
20			Max. Shaft Power at max. impeller		kW	45.70
21	Required pump NPSH m		Efficiency			%

Materials

22	Impeller	AISI 304		
23	Intermediate casing	AISI 304		
24	Bottom casing	EN 1.4308 (ASTM CF8)		
25	Casing cover	AISI 304		
26	Shaft	AISI 304		
27	O-ring	EPDM		

Motor

28	Manufacturer	without motor	Insulation class	
29	Type	without motor 3	Phases	
30	Specific design	without motor / 60 Hz / Pole pairs 1	Frame size	
31	Rated power kW		Weight kg	
32	Number of poles	2	Electric voltage V	
33	Speed rpm		Electric current A	
34	Degree of protection			
35				

Remarks

Performance curve

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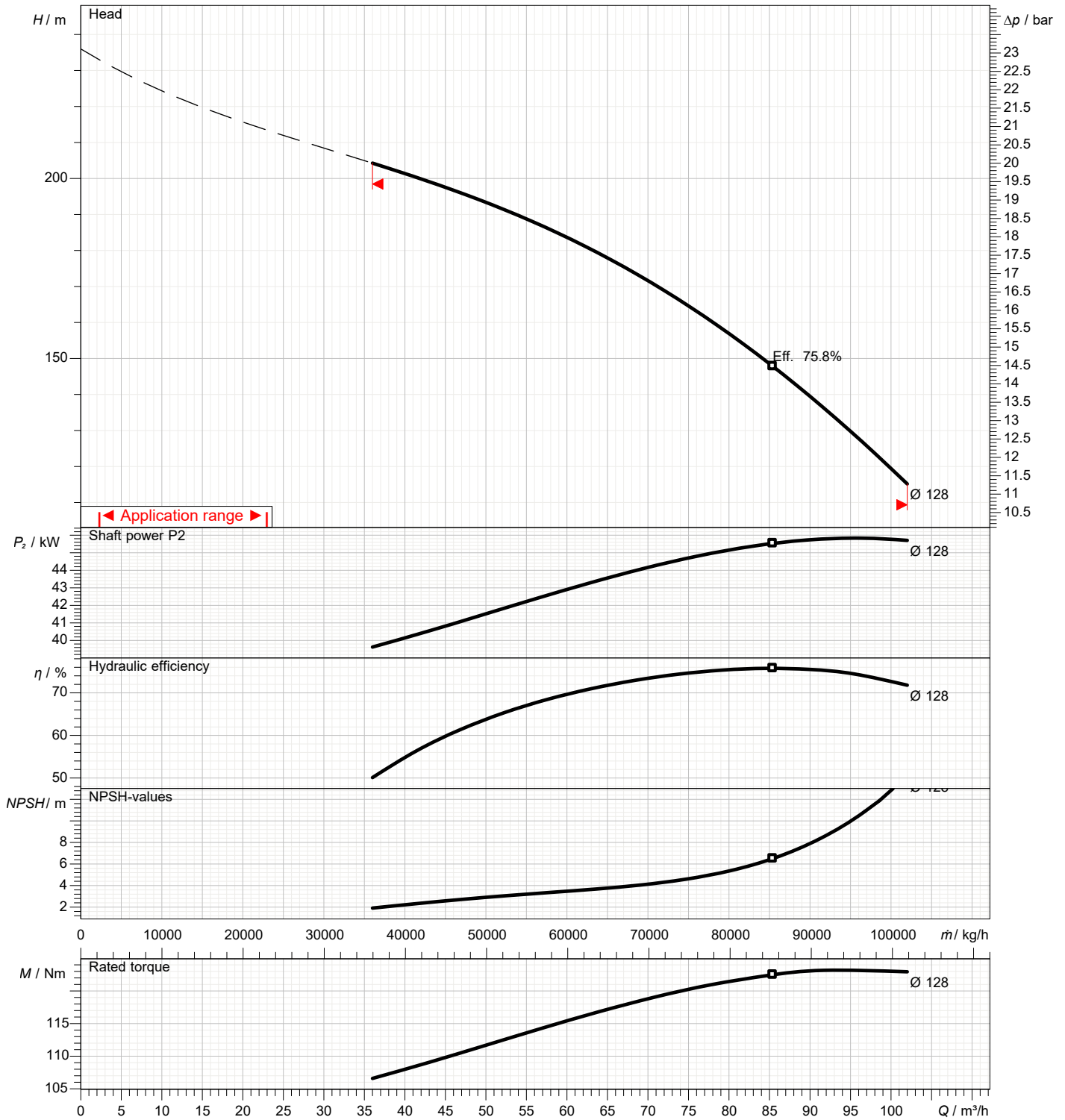
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Pump

Operating flow	m³/h		Impeller Diameter Designed	mm	
Operating head	m		Frequency	Hz	60
			Speed	rpm	3550

Test standard: ISO 9906:2012 - Grade3B

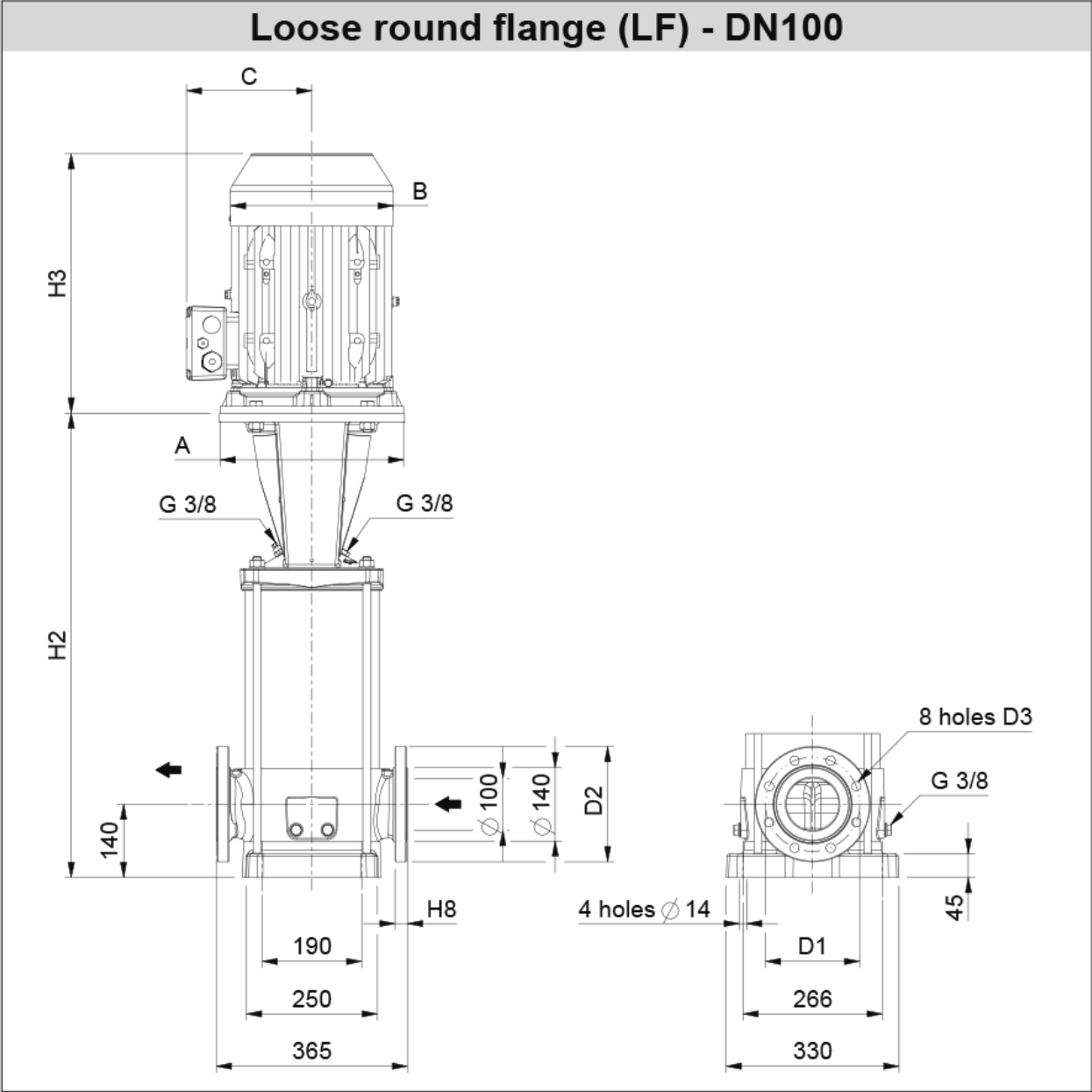
Water; 20°C; 998.3kg/m³; 1mm²/s



Dimensions

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Dimensions in		mm						
1	D1	190						
2	D2	235						
3	D3	22						
4	H2	985						
5	H8	30						
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								

(1/3)

Construction

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Construction

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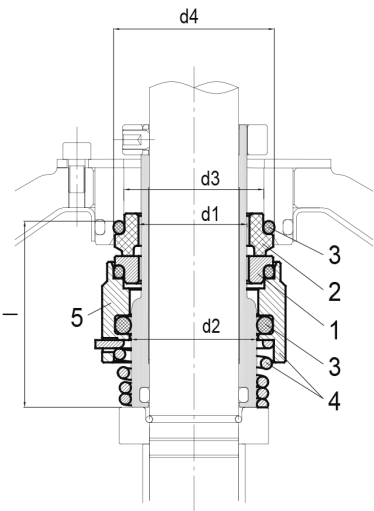
(3/3)

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● Standard

Type key	Availability	Max operating pressure	Max operating temperature	Shaft seal type		Shaft seal material									
				Cartridge		1		2		3		4		5	
				Type	Code	Rotating part	Code	Stationary part	Code	Elastomers	Code	Compression spring	Collar	Code	
HQ1BEG	●	25/35 bar	- 30°C to + 140°C	Balanced	(H)	SiC	(Q1)	Carbon	(B)	EPDM	(E)	AISI 316		(G)	

Max operating pressure	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	l [mm]
25 bar	28	33	37	43	50