

Performance curve

Booster set name

3GPE EVMSG5 8N5/2,2 ESPM

Customer	Date	09.06.2024	Company
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID		E-mail

Requested data

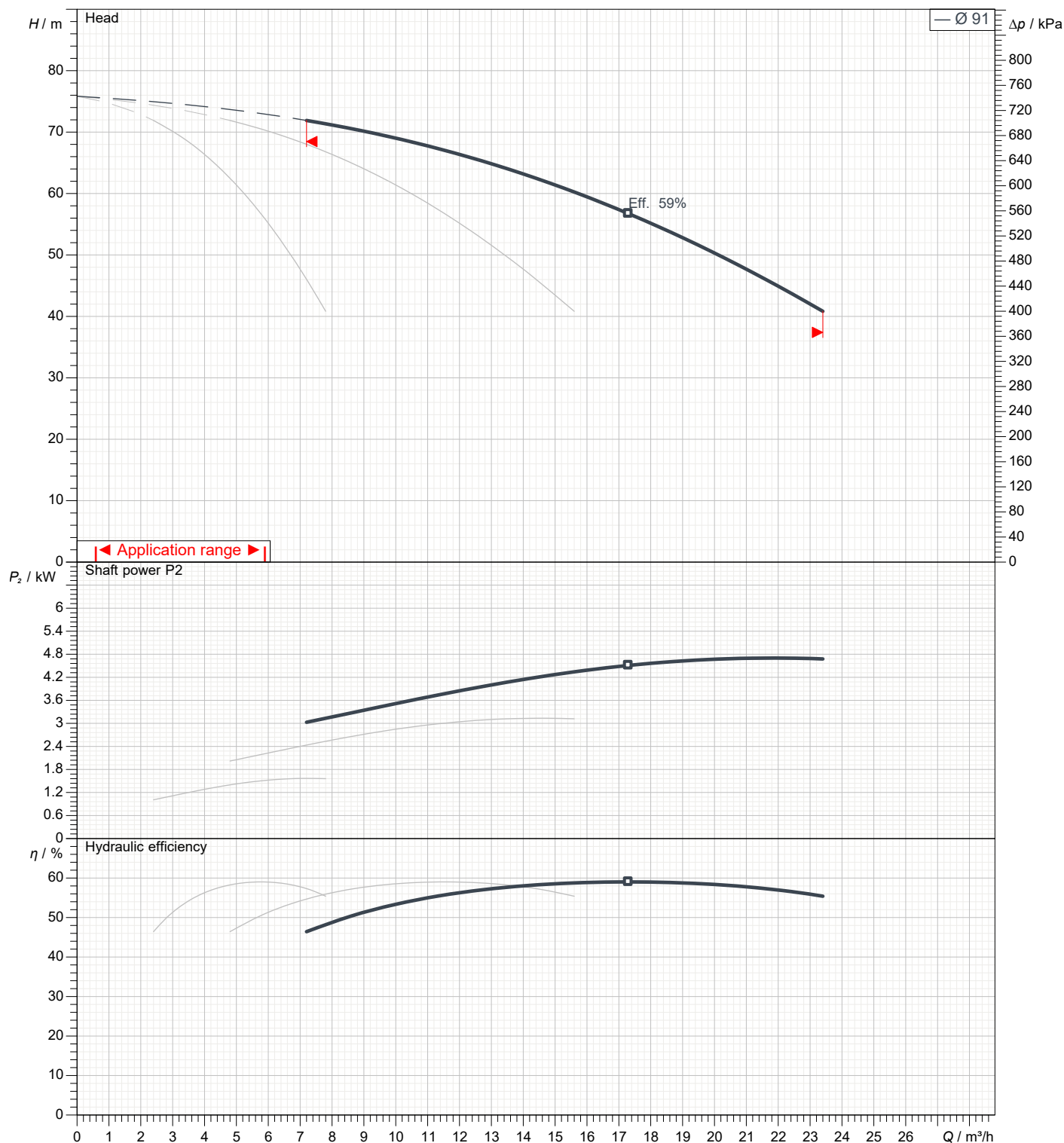
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Booster set

Operating flow	m³/h		Frequency	Hz	50
Operating head	m		Number of poles		2
ImpellerDiameter Designed	mm	91	Speed	rpm	2900

Test standard: ISO 9906:2012 - Grade3B

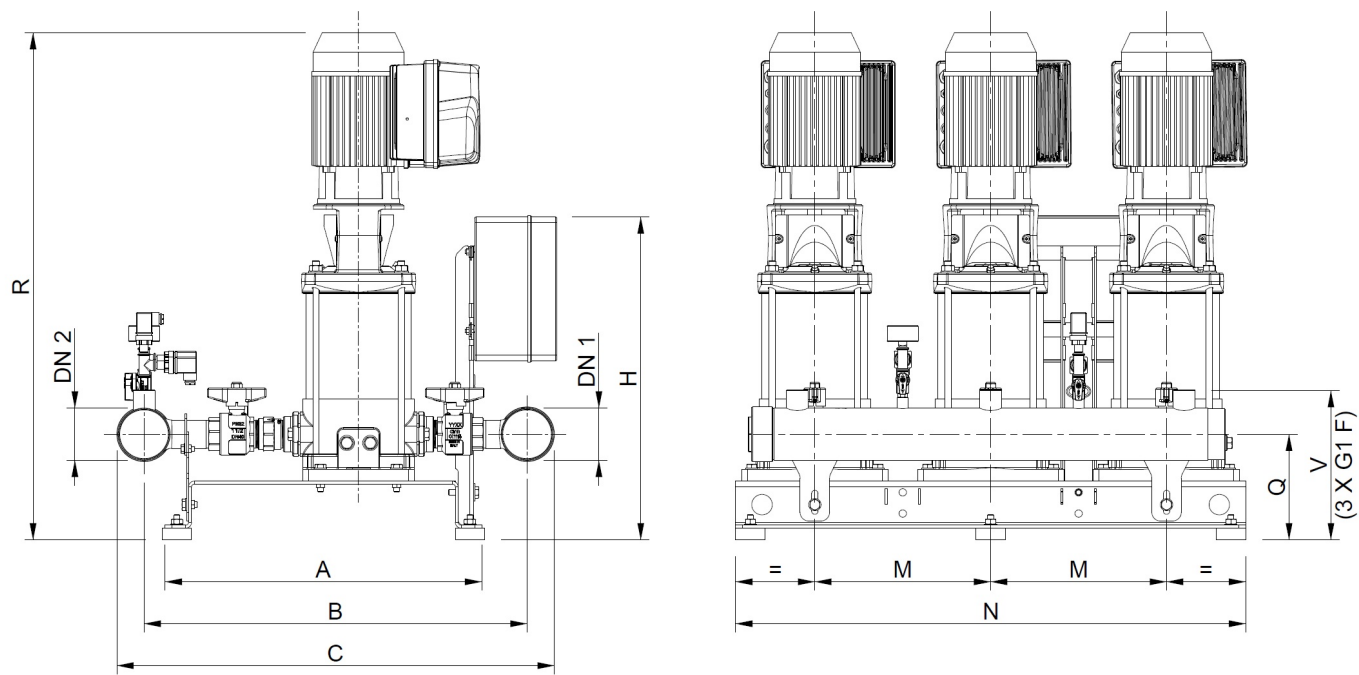
Water; 20°C; 998.3kg/m³; 1cSt



Dimensions

Booster set name
3GPE EVMSG5 8N5/2,2 ESPM

Customer	Date09.06.2024	Company
Contact	Item no.	Issued by
Phone	Project	Phone
E-mail	Project ID	E-mail



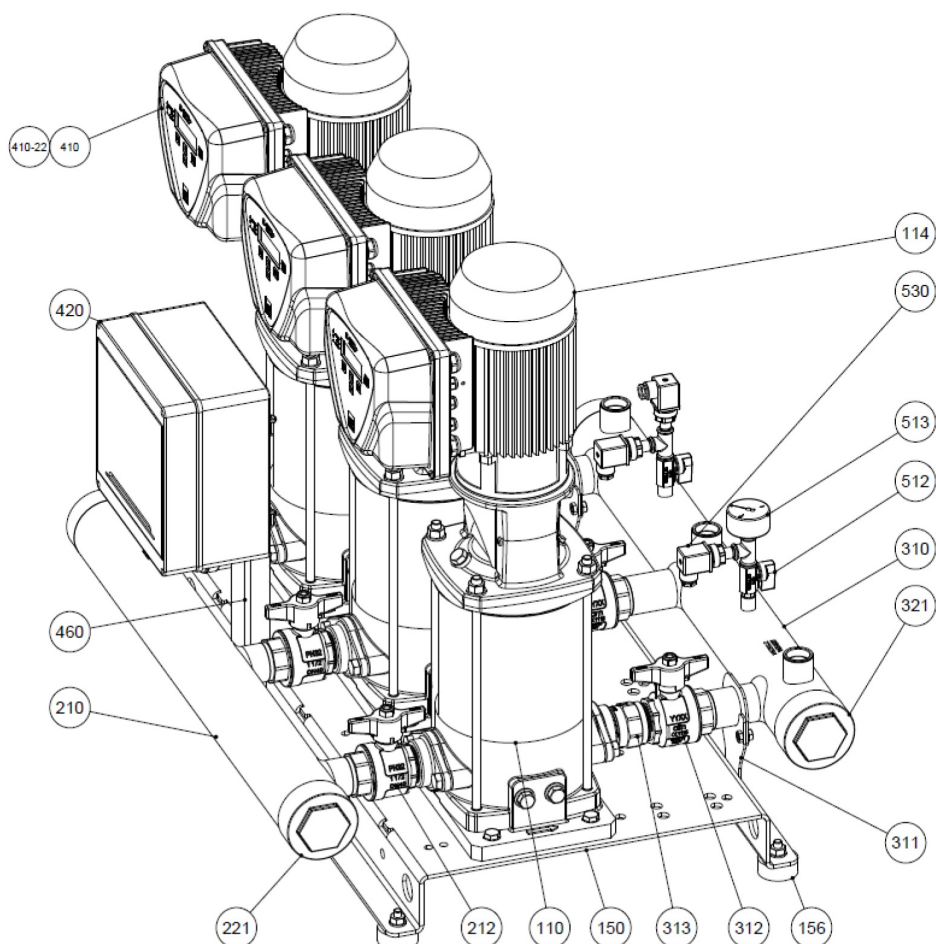
Dimensions in mm								
1	A	380						
2	B	580						
3	C	630						
4	DN1	G2 1/2						
5	DN2	G2 1/2						
6	H	535						
7	M	300						
8	N	850						
9	Q	150						
10	R	843						
11	V	220						
12	Weight kg	137						
13								
14								
15								

(1/2) Construction

Booster set name

3GPE EVMSG5 8N5/2,2 ESPM

Customer	Date 09.06.2024	Company
Contact	Item no.	Issued by
Phone	Project	Phone
E-mail	Project ID	E-mail



N°	PART NAME	MATERIAL	Quantity
110	Principal pump	-	3
114	Electric motor	-	3
150	Baseplate	Galvanized steel	1
156	Baseplate foot	SBR	6
210	Suction manifold	AISI 304	1
211	Manifold bracket	Galvanized steel	2
212	Ball valve	Brass / P.T.F.E.	3
221	Threaded female cap	AISI 304	1
310	Discharge manifold	AISI 304	1
311	Manifold bracket	Galvanized steel	2
312	Ball valve	Brass / P.T.F.E.	3
313	Check valve	Brass / NBR	3
321	Threaded female cap	AISI 304	1
410	E-SPD+	-	3
410-22	E-SPD+ adaptor	-	3
420	Protection panel	-	1
460	Protection panel frame	Galvanized steel	1
512	Ball valve	Brass / P.T.F.E.	2
513	Pressure gauge	Copper alloy / plastic	1
530	Pressure transmitter	-	3

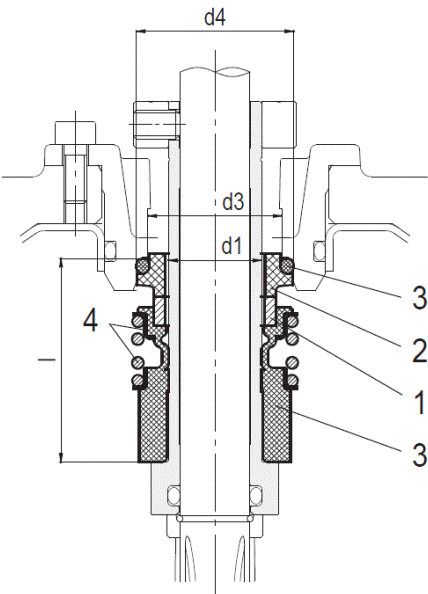
(2/2)

Construction

Booster set name

3GPE EVMSG5 8N5/2,2 ESPM

Customer	Date09.06.2024	Company
Contact	Item no.	Issued by
Phone	Project	Phone
E-mail	Project ID	E-mail



up to 16 bar
Cartridge Unbalanced type

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	
Q1BEG	●	16 bar	- 30°C to + 120°C	Unbalanced	(-)	SiC	(Q1)	Carbon	(B)	EPDM	(E)	AISI 316		(G)	

Pump model	Shaft seal type		Max operating pressure	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	l [mm]
EVMS 1/3/5	Cartridge	Unbalanced	16 bar	16	-	23	27	35
		Balanced	25 bar		20			42.5
EVMS 10/15/20	Cartridge	Unbalanced	16 bar	20	-	29	35	37.5
		Balanced	25 bar		24			45