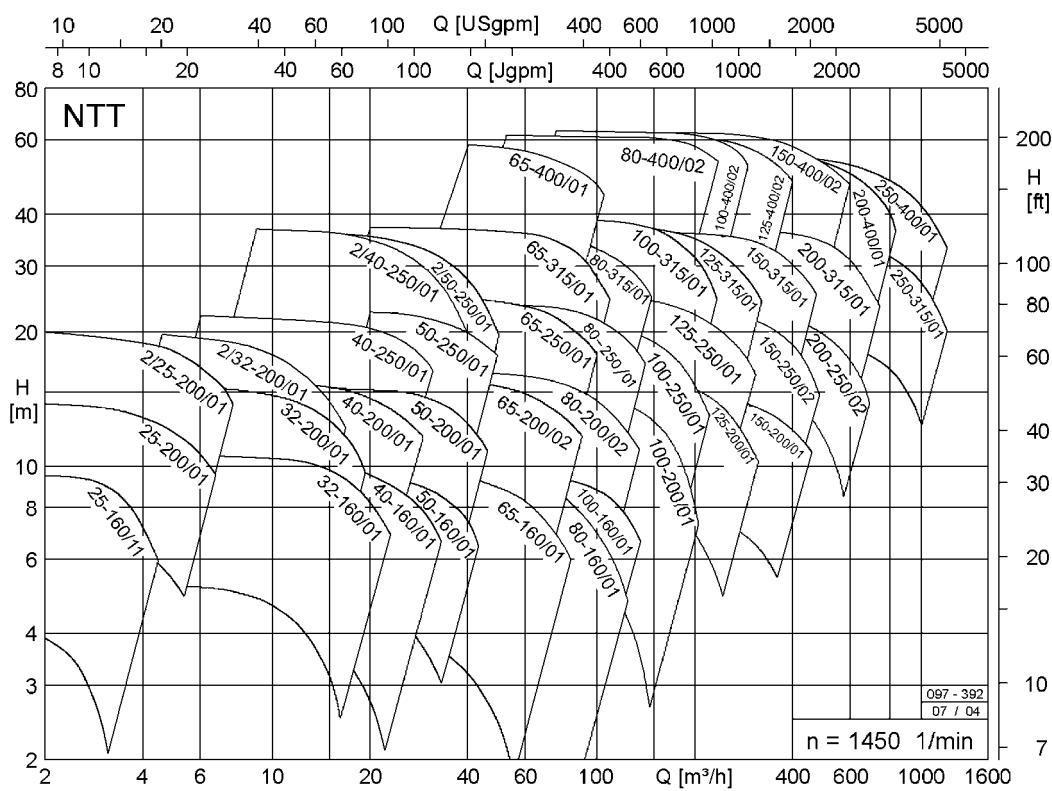
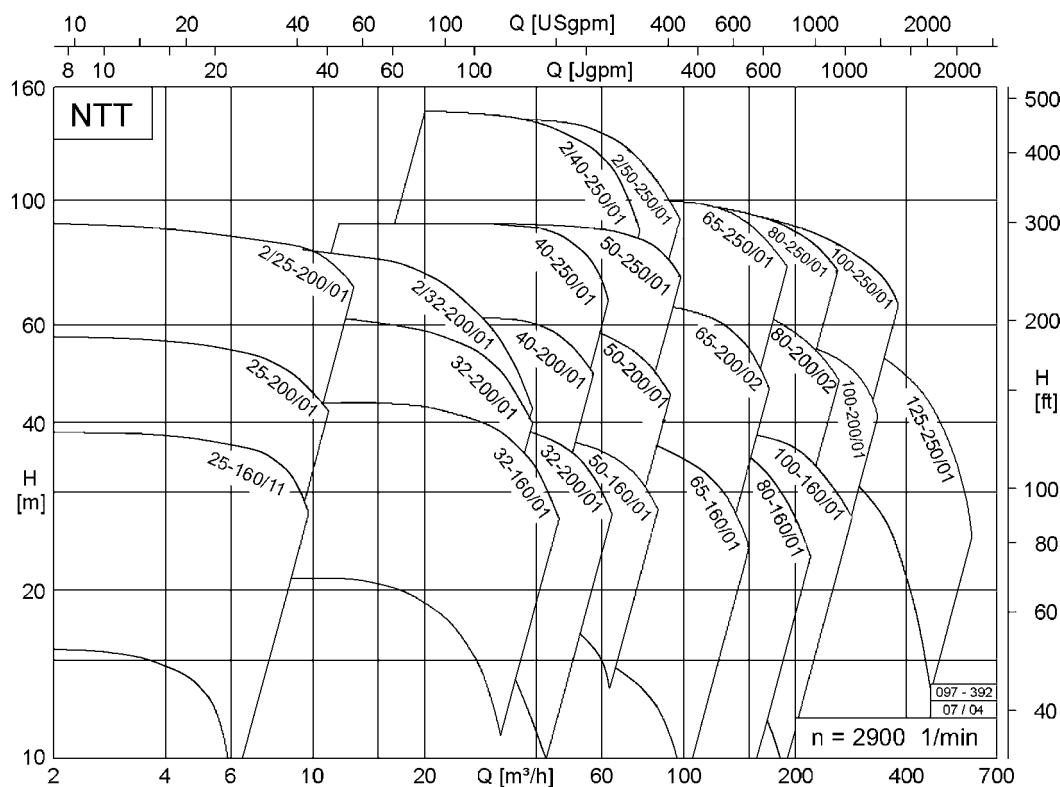


Performance graphs

n = 1450 1/min

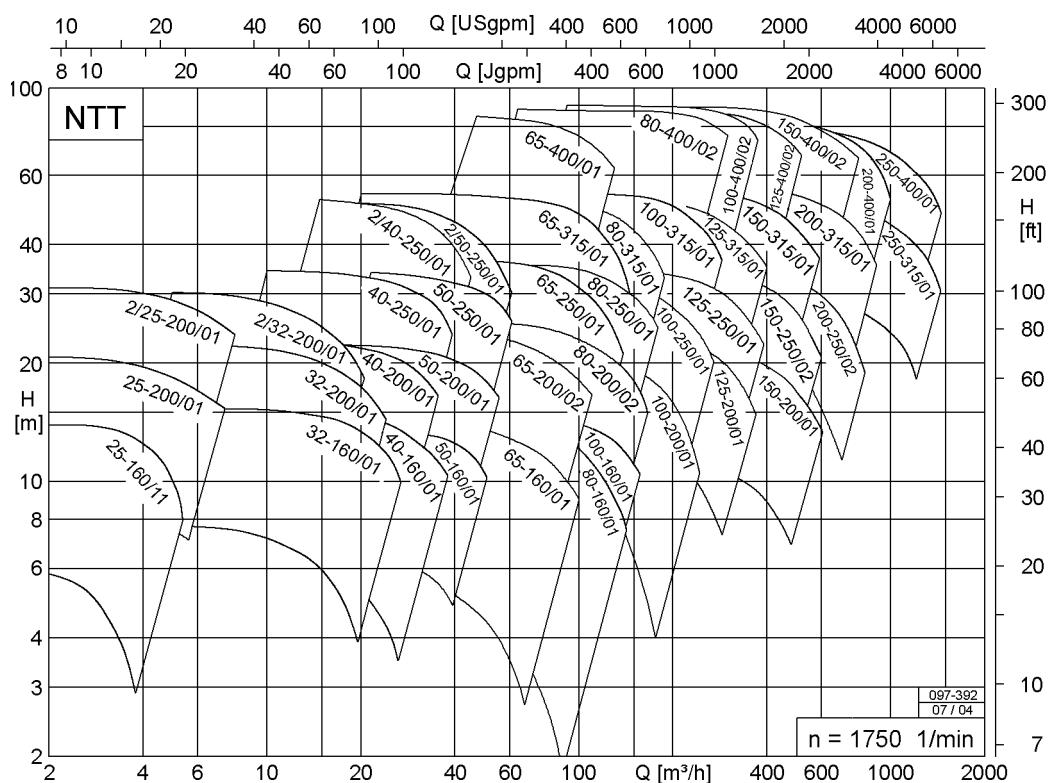


n = 2900 1/min

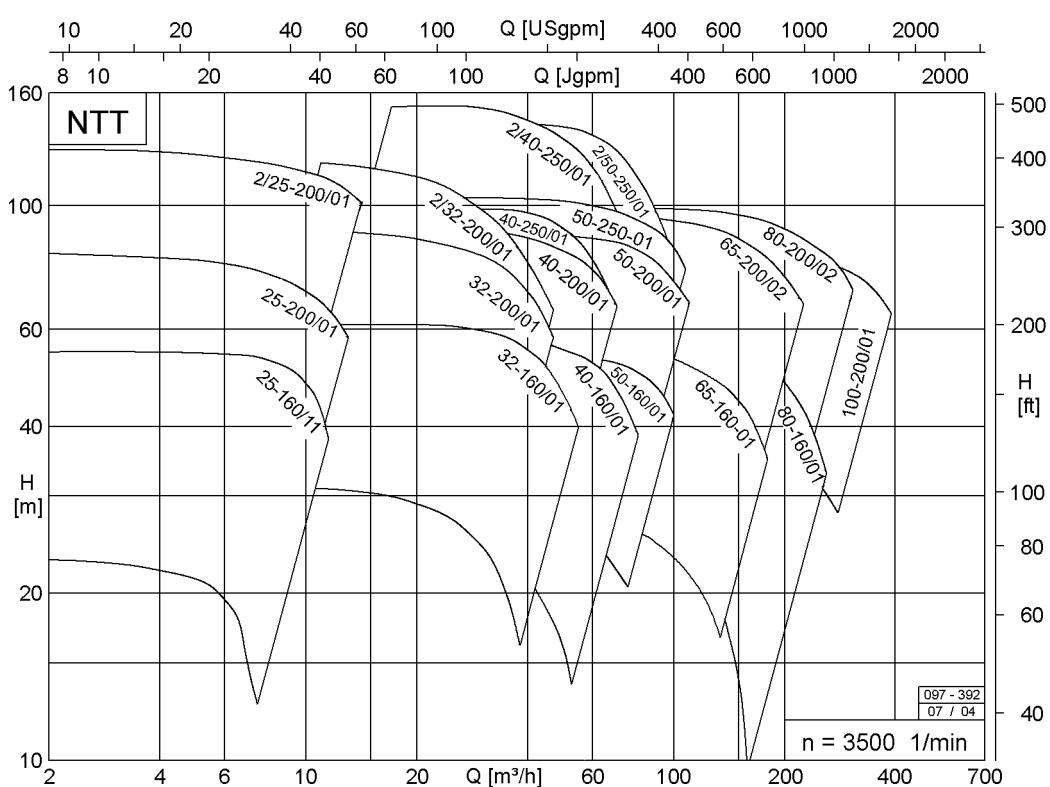


For exact performance data, please refer to the individual characteristics.

$n = 1750 \text{ 1/min}$

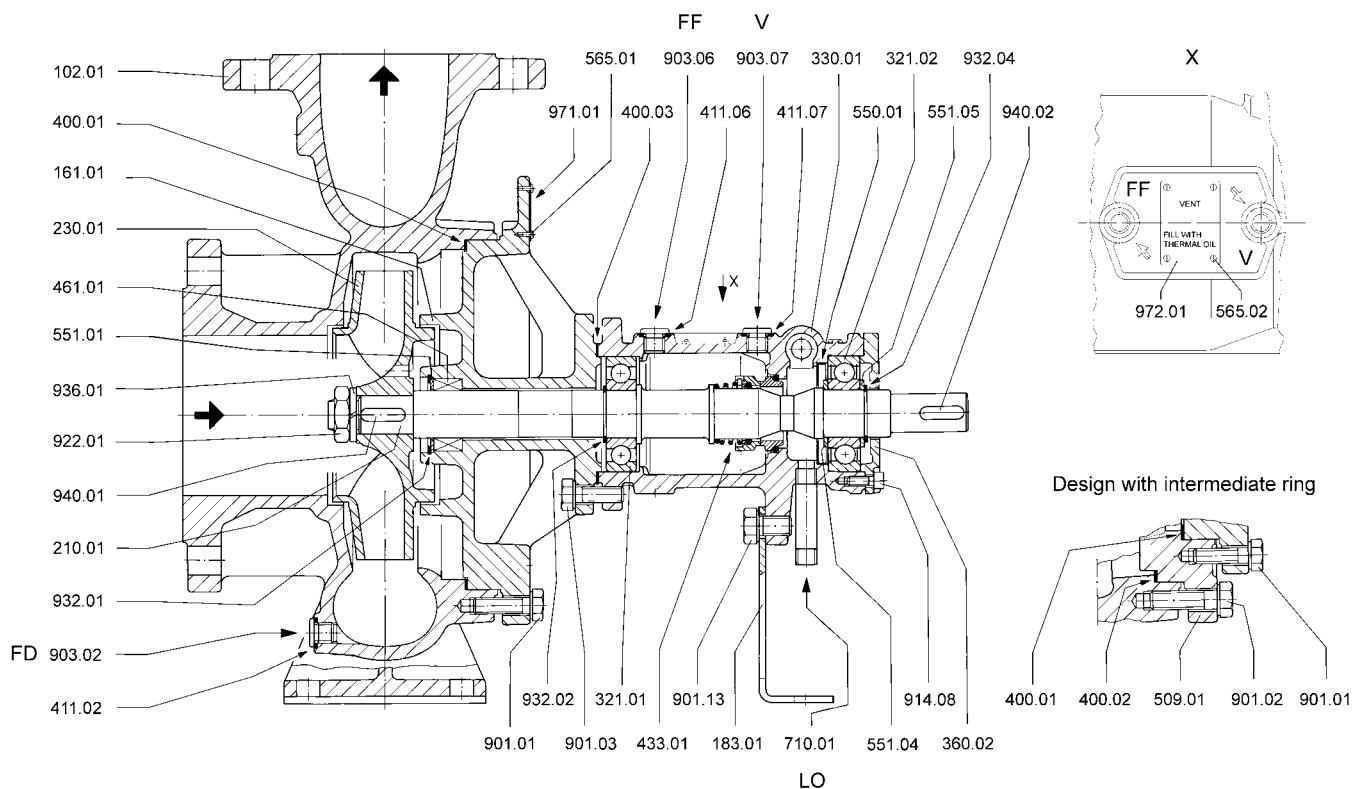


$n = 3500 \text{ 1/min}$

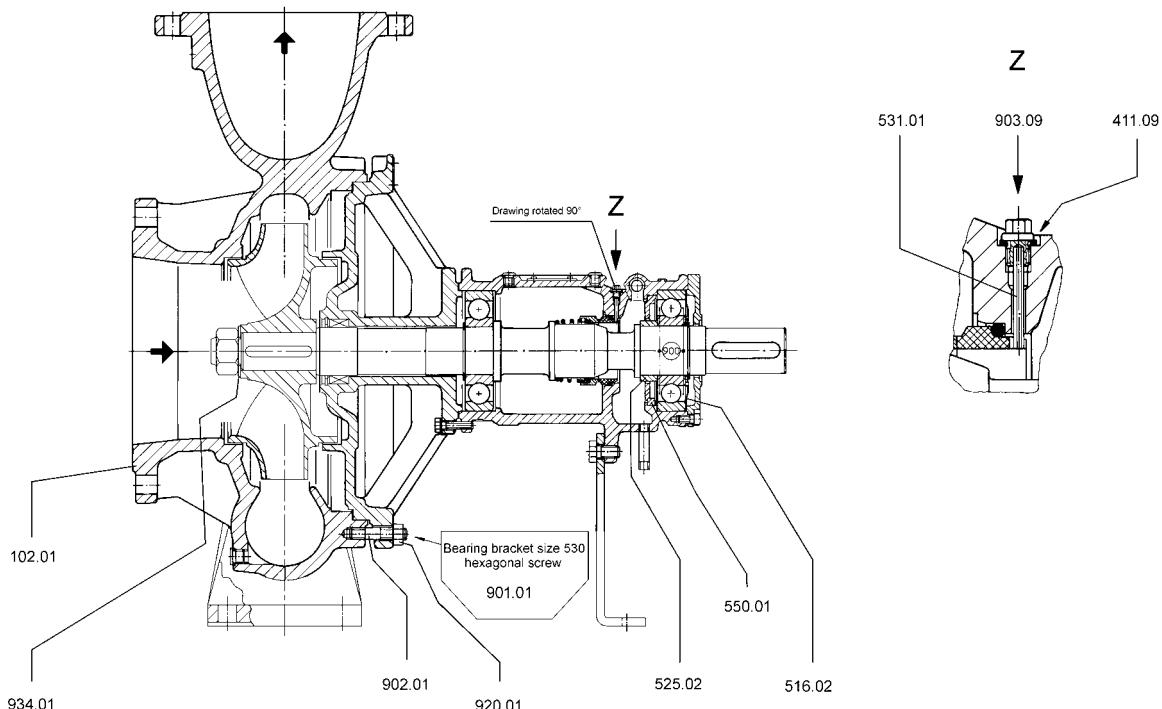


For exact performance data, please refer to the individual characteristics.

**Sectional drawing for single-stage sizes
Sizes at bearing bracket sizes 360 and 470**



Sizes at bearing bracket sizes 530 and 650



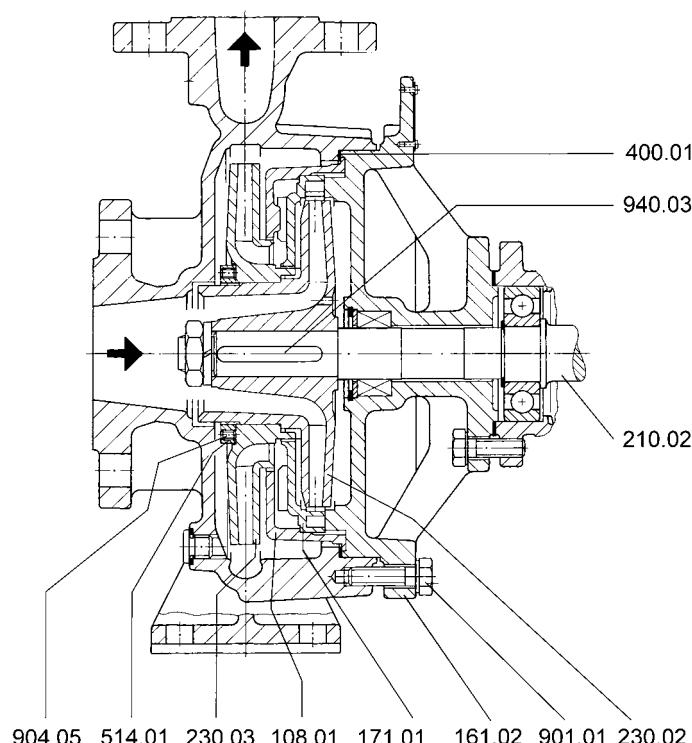
Shaft sealing:

Uncooled, unbalanced mechanical seal
with safety stuffing box arranged in front

Abbreviation:

U 5 A

**Sectional drawing for two-stage sizes
Sizes at bearing bracket size 360**



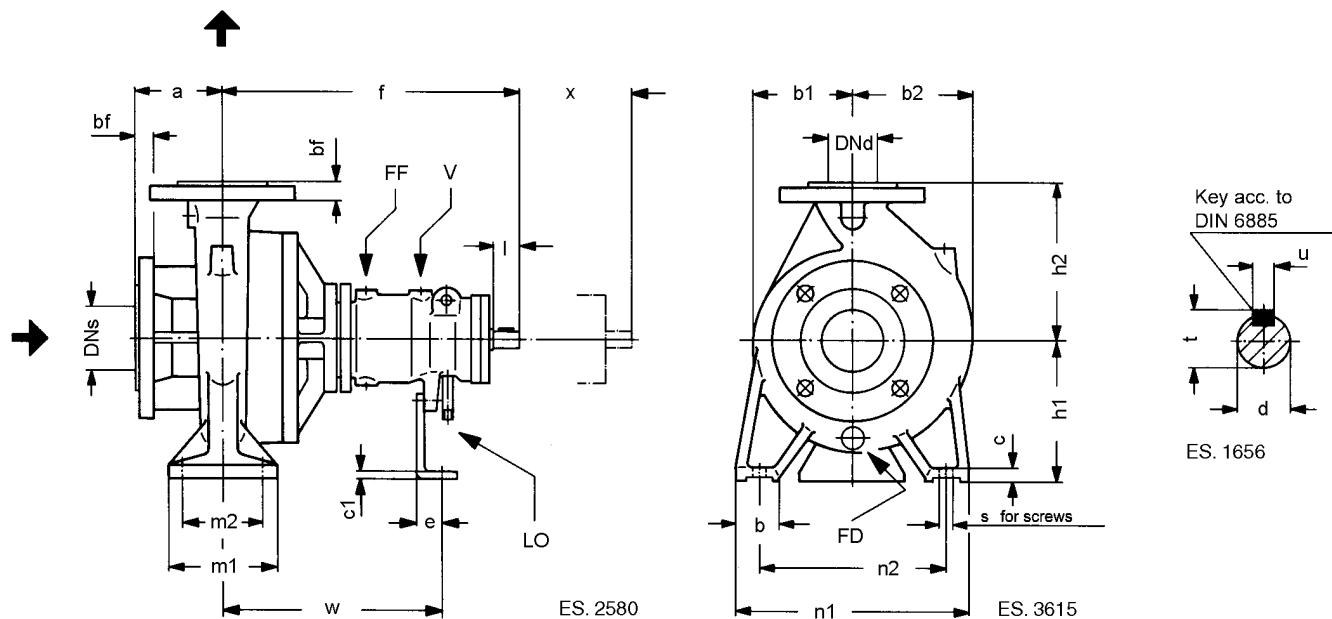
Shaft sealing: Uncooled, unbalanced mechanical seal with safety stuffing box arranged in front

Abbreviation: **U 5 A**

Denomination	Part No.	Denomination	Part No.	Denomination	Part No.
Volute casing	102.01	Mechanical seal	433.01	Screwed plug	903.09
Stage casing	108.01	Gland packing	461.01	Grub screw	904.05
Casing cover	161.01	Intermediate ring	509.01	Socket-head cap screw	914.08
Casing cover	161.02	Threaded ring	514.01	Nut	920.01
Diffuser	171.01	Nilos ring	516.02	Impeller nut	922.01
Supporting foot	183.01	Spacer sleeve	525.02	Circlip	932.01
Shaft	210.01	Tension sleeve	531.01	Circlip	932.02
Shaft	210.02	Disc	550.01	Circlip	932.04
Impeller	230.01	Disc spacer	551.01	Spring disc	934.01
Impeller 1st stage	230.02	Disc spacer	551.04	Spring ring	936.01
Impeller 2nd stage	230.03	Disc spacer	551.05	Key	940.01
Grooved ball bearing	321.01	Rivet	565.01	Key	940.02
Grooved ball bearing	321.02	Rivet	565.02	Key	940.03
Bearing bracket	330.01	Pipe	710.01	Name plate	971.01
Bearing cover	360.02	Hexagonal screw	901.01	Information plate	972.01
Gasket	400.01	Hexagonal screw	901.02		
Gasket	400.02	Hexagonal screw	901.03		
Gasket	400.03	Hexagonal screw	901.13	Connections	
Joint ring	411.02	Stud bolt	902.01	FD	Draining
Joint ring	411.06	Screwed plug	903.02	FF	Filling
Joint ring	411.07	Screwed plug	903.06	LO	Leakage outlet
Joint ring	411.09	Screwed plug	903.07	V	Venting

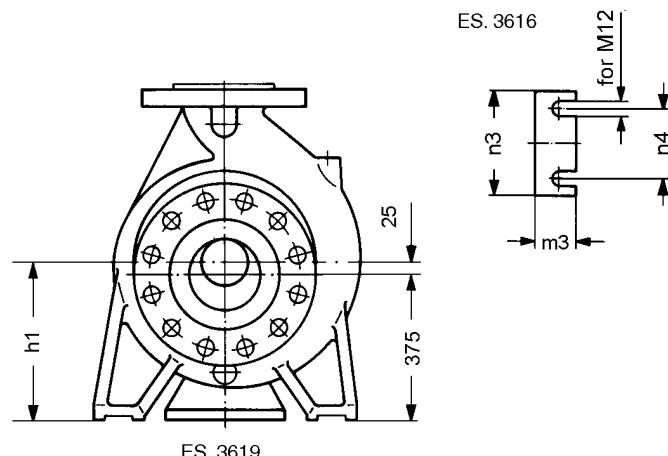
Pump dimensions

Size at bearing bracket sizes 360, 470, 530 and 650

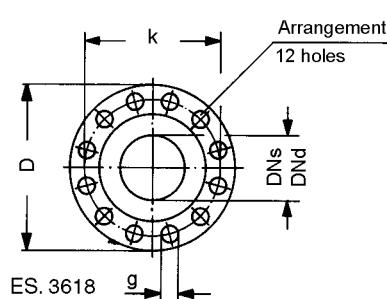
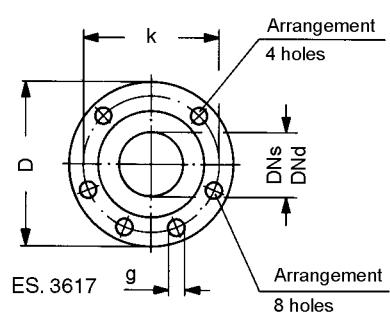


Bearing bracket size	Connections			
	Draining	Filling	Leakage outlet	Venting
	FD ④	FF	LO	V
360	G 1/4			
470				
530		G 3/8		
650				

④ Connection FD in sizes 25-160/11, 25-200/01 and 2/25-200/01 each G 1/2



With size 250-400/01 only



Flanges acc. to EN 1092-2 PN 16					
DNs/DNd	D	bf	k	g	No. of holes
25	115	16	85	14	4
32	140	18	100	19	4
40	150	18	110	19	4
50	165	20	125	19	4
65	185	20	145	19	4
80	200	22	160	19	8
100	220	24	180	19	8
125	250	26	210	19	8
150	285	26	240	23	8
200	340	30	295	23	12
250	405	32	355	28	12
300	460	32	410	28	12

Tolerances of companion dimensions acc. to DIN EN 735.
Sense of rotation: clockwise, as seen from the driving side.
Dimensions in mm without commitment.

Successful in important branches

Decades of experience and branch-specific know-how ensure solutions that are practical and dependable. In addition to individual units with a motor or with a free shaft end, you can get complete systems and customer-specific cast parts from ALLWEILER AG. You are not just investing in machines with ALLWEILER AG. You are also profiting from decades of know-how about applications and processes in your branch.

You will find pumps and systems by ALLWEILER AG in the following sectors:

► Marine and Offshore

Made of particularly corrosion-resistant, saltwater-proof materials and in accordance with specific standards (shock testing, national marine, international classifications, etc.).

► Power Generation

Block and twin units for fuel and water injection in gas and steam turbines.
For fuel supply, injection and lubricating oil delivery in power plants.

► Water and Wastewater

Pumps for water treatment; share of dry solids content up to 45 percent; macerators, which make it possible to pump delivery media that are high in fibre and solids.

► Process Engineering and Chemical Industry (ATEX-conformity)

Shaft bearing, shaft seal and material designs in accordance with the chemical characteristics of the delivery media. Magnetic coupling for hermetically sealed pumps.

► Building Industry

Special units for oil furnace and lift systems. oil submersible pumps for all types of hydraulic machines.

► Food and Pharma

Stainless steel pumps with CIP and SIP design, EHEDG and FDA certified. Especially for the careful delivery and proportioning of even sticky, paste-like and solids-rich media.

► Tool Machinery

Designed for large delivery amounts or a high delivery pressure; resistant to contaminants and foreign materials. Especially for cooling lubricant supply.

► Pulp and Paper

Pumps with extremely high availability (24 hours; 365 days) and many sizes, starting with small proportioning pumps and ranging to large Kaolin feeding pumps.

► Heat Transfer

In supply circuits, circulating systems and heating circuits for the delivery of hot water and heat-transfer oil up to 207 °C and 450 °C.

Subject to technical alterations.



A Member of the COLFAX PUMP GROUP

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