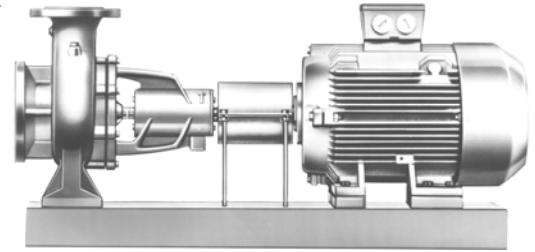


Norm-Centrifugal Pumps PN 10

SERIES NT



Pump dimensions acc. to DIN EN 733 with additional sizes
Technical requirements acc. to DIN ISO 9908

Application

For pumping pure water, industrial water, sea water, condensate, oils, brines, lyes, hot water. The liquids to be pumped must not contain any abrasive particles nor chemically attack the pump materials.

Main fields of application

In cooling and heating circuits in circulating, water supply, water treatment, irrigation, desalinization, dedusting and spray painting installations as well as in air-conditioning, refrigerating, swimming pool and industrial engineering.

Design and series construction

Horizontal volute casing centrifugal pump with axial inlet, single-flow, single or two-stage, in process design.

Series construction according to the modular system. Shaft bearing in a bearing bracket which can be optionally provided with a support foot. With bearing bracket size 585 and 700 the foot belongs to serial equipment. Stable mounting with feet cast on volute casing.

The additional two-stage pump sizes correspond in their outer dimensions to the respective single-stage sizes. Due to the two-stage design good efficiencies and low NPSH values are achieved at high delivery heads.

Capacity

With the sizes according to DIN EN 733, the pump capacity exceeds the required rated power considerably. By additional sizes, the performance range acc. to DIN EN is increased.

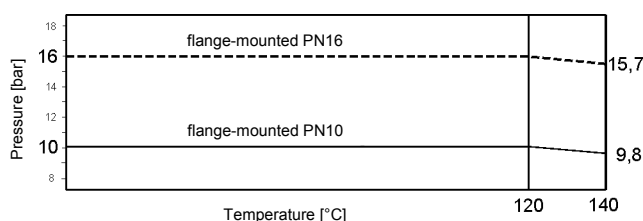
Performance data

Flow	Q	up to	2,300 m ³ /h
Delivery head	H	up to	145 m
Temperature of the liquid pumped	t	-40 up to	140 °C

Inlet pressure	p_s	①
Discharge pressure	p_d	up to 10/16 bar ②

① Inlet pressure plus maximum delivery head must not exceed the working pressure.

② Depends on flange version (PN stage, see diagram)



Branch positions and flanges

Suction branch: axial
Delivery branch: radially upwards
Flanges: acc. to DIN EN 1092-2

Shaft coupling and safety guarding

Safety guarding according to DIN EN 294 is supplied as soon as the scope of supply includes pump, base plate and shaft coupling (acc. to DIN 740 with or without spacer element). The safety standards acc. to DIN EN 809 are met.

Shaft sealing

By maintenance-free standard mechanical seal in unbalanced design in different materials (see page 2) or by gland packing.

Bearing and lubrication

By two groove ball bearings acc. to DIN 625, grease-lubricated for the whole service life, bearing clearance C3.

Dismantling of the insert unit

When using the spacer coupling the insert unit can because of the process design be dismantled towards the motor side, whereas the volute casing and the motor may remain on the base plate and the pipes on the volute casing.

Combination of structural components

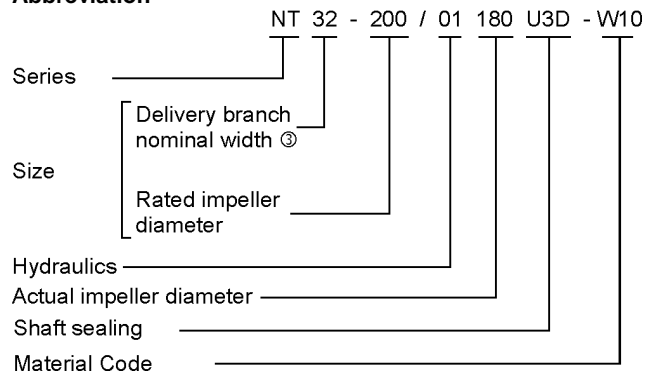
The table on page 3 shows the combination possibilities of structural components of all NT sizes. The modular system allows reduced stockkeeping of spare parts.

Drive

Standard: surface-cooled, three-phase squirrel-cage motors, IM B3 type of construction, degree of protection IP 55 according to IEC standard, class F insulation. Performances and main dimensions according to DIN 42 673.

Further drive options are possible.

Abbreviation



③ With the two-stage additional pump sizes, the number of stages is placed with a slash in front of the delivery branch nominal width, e.g. NT 2/32-200/01...

This abbreviation is entered on the nameplate. With the two-stage additional pump sizes, the actual impeller diameter relates to the second stage.

Connections

The following connections are provided:

- FD1 Draining
- LO1 Leakage outlet
- FV1 Venting (for automatic aspirator)
- TM3 Temperature measurement connection
- VM2 Vibration measurement connection

Optional:

- FF1 ① Filling (*)
- PM1 Pressure gauge (Suction branch) (*)
- PM2 Pressure gauge (Discharge branch) (*)

① Connection FF1 not provided in sizes 25-200 and 2/25-200

(*) Standard by material W3.

Base plates

Standard: channel steel base plate.

Shaft sealings with temperature and pressure limits

Valid for all materials of the pumps

Mechanical seal, uncooled	Unbalanced					
	Internal self flushing					
Flushing	Internal self flushing					
Abbreviation	U3D	U3.1D	U3.9D	U3.12D	U3.20D	U3.22D
Rotating ring	hard carbon, resin impregnated		silicone carbide		hard carbon, antimony impregnated	
Stationary ring	oxide ceramics		silicone carbide		silicone carbide	
Metal parts	CrNiMo steel		CrNiMo steel		CrNiMo steel	
O-rings	EPDM	FPM	EPDM	FPM	EPDM	FPM
Bellow	-	-	EPDM	FPM	-	-
Material code DIN EN 12 756	BVEGG	BVVGG	Q1Q1EGG	Q1Q1VGG	AQ1EGG	AQ1VGG
Centrifugal pumps at all bearing housing sizes	Admissible temperature (° C) of pumped liquid and pump outlet pressure p _d (bar)					
	° C / bar		° C / bar		° C / bar	
	single-stage	100 / 10	100 / 10 ②	100 / 10	100 / 10 ②	140 / 10
two-stage	100 / 16	100 / 16 ②	100 / 16	100 / 16 ②	140 / 16	140 / 16 ②

② max. 90 °C with water-based liquids

Other mechanical seal designs upon request.

Gland packing	Uncooled	
	internal	external
Sealing	internal	external
Abbreviation	U1B	U1C
Packing rings	graphite-PTFE basis	
Centrifugal pumps at all bearing housing sizes	Admissible temperature (° C) of pumped liquid and pump outlet pressure p _d (bar)	
	° C / bar	
	single-stage	125/10

Materials

Denomination	Part-No.		Material code								
	1 st stage	2 nd stage	W 10	W 135	W 89	W 134	W 3	W 86	W 78	W 148	W 149
Volute casing	102...	102...	EN-GJS-400-15	EN-GJS-400-15	EN-GJS-400-15	EN-GJS-400-15	CC333G	EN-GJS-400-18-LT	EN-GJS-400-18-LT	EN-GJS-400-18-LT	EN-GJS-400-18-LT
Impeller (s)	230...	230...	EN-GJL-200	EN-GJL-200	CC333G	CC333G	CC333G	EN-GJL-200	EN-GJL-200	CC333G	CC333G
Diffuser	-	171...	EN-GJL-200	EN-GJL-200	CC333G	CC333G	CC333G	EN-GJL-200	EN-GJL-200	CC333G	CC333G
Stage casing	-	108...	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	CC333G	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Casing cover	161...	161...	EN-GJS-400-15	EN-GJS-400-15	EN-GJS-400-15	EN-GJS-400-15	CC333G	EN-GJS-400-18-LT	EN-GJS-400-18-LT	EN-GJS-400-18-LT	EN-GJS-400-18-LT
Shaft ③	210...	210...	1.4021	1.4462	1.4021	1.4462	1.4462	1.4021	1.4462	1.4021	1.4462
Bearingbracket	330...	330...	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250

③ With bearing housing size 585 the pump side (liquid contact) in the material stated above and motor side in 1.7139

Optionally: massive base plate of cast iron (dimensions acc. to DIN 24 259) with a drip channel for leakage.

Installation dimensions are available in ALLWEILER drawing archive ALL2CAD.

Explosion protection



The pump fulfils the requirements according to EC Explosion Protection Directive 94/9/EG (ATEX 100a) for equipment of equipment group II, category 2 G. Categorisation into temperature classes according to EN 13 463-1 depends on the temperature of the pumped liquid. The max. permissible temperature of the pumped liquid for the respective temperature classes are shown in the specific order data sheet.

Note: In case of the operation of a category 2 pump, the unacceptable heating of the pump surfaces caused by a possible operational fault must be prevented by a control mechanism.

Combination of structural components

The table below shows the combination possibilities of structural components and parts of the standard sizes including additional sizes.

Within a vertical column, parts with identical numbers are interchangeable.

The modular system allows a reduced stockkeeping of spare parts.

Bearing bracket size	Pump size		Volute casing	Impeller	Impeller		Diffuser	Stage-casing	Inter-medi-ating	Casing cover	Bearing-house	Shaft	Support foot	Shaft sealing	
	acc. to DIN EN 733	Additional size			1 st stage	2 nd stage								Mechanical seal	Gland packing
	NT	NT													
360	-	25-160	1	1	-	-	-	-	-	1	2	1	1	30	30
	-	25-200	2	2	-	-	-	-	-	2		2	2		-
	-	2/25-200		1	1	1	1	-	1			1	30		
	32-160	-	3	3	-	-	-	-	-	1		1	1		30
	32-200	-	4	4	-	-	-	-	-	1		1	2		-
	-	2/32-200		1	1	1	1	-	2	2		2	-		
	40-160	-	5	5	-	-	-	-	-	1		1	1		30
	40-200	-	6	6	-	-	-	-	1			1	2		
	40-250	-	7	7	-	-	-	-	-	1		1	2		30
	-	2/40-250		2	2	2	2	-	3			2	3		
	50-160	-	8	8	-	-	-	-	-	1		1	2		30
	50-200	-	9	9	-	-	-	-	1			1	2		
	50-250	-	10	10	-	-	-	-	-	1		1	3		30
	-	2/50-250		3	2	2	2	-	3			2	3		
65-160	-	11	11	-	-	-	-	-	1	1	2	30			
65-200	-	12	12	-	-	-	-	1		1	3		30		
80-160	-	13	13	-	-	-	-	-	-	-	4	30			
-	100-160	14	14	-	-	-	-	-		-	4		30		
470	65-250	-	15	15	-	-	-	-	-	4	3	3	5	40	40
	65-315	-	16	16	-	-	-	-	-			2	6		
	-	65-400	17	17	-	-	-	-	-			3	7		
	80-200	-	18	18	-	-	-	-	-			-	8		
	80-250	-	19	19	-	-	-	-	-			-	5		
	80-315	-	20	20	-	-	-	-	-			2	7		
	100-200	-	21	21	-	-	-	-	-			-	5		
	100-250	-	22	22	-	-	-	-	-			-	6		
	100-315	-	23	23	-	-	-	-	-			2	7		
	125-200	-	24	24	-	-	-	-	-			-	7		
	125-250	-	25	25	-	-	-	-	-			-	8		
150-200	-	26	26	-	-	-	-	-	-	8					
530	-	80-400	27	27	-	-	-	-	-	5	4	4	9	50	50
	100-400	-	28	28	-	-	-	-	-			9			
	125-315	-	29	29	-	-	-	-	-			10			
	125-400	-	30	30	-	-	-	-	-			10			
	-	150-250	31	31	-	-	-	-	-			6	9		
	150-315	-	32	32	-	-	-	-	-			5	10		
	150-400	-	33	33	-	-	-	-	-			5	10		
-	200-250	34	34	-	-	-	-	-	6	11					
585	-	200-315	35	35	-	-	-	-	-	7	5	5	12	65	65
	-	200-400	36	36	-	-	-	-	-			12			
	-	250-315	37	37	-	-	-	-	-			13			
	-	250-400	38	38	-	-	-	-	-			13			
	-	300-315	39	39	-	-	-	-	-			14			
-	300-400	40	40	-	-	-	-	-	8	14					
700	-	300-315	39	41	-	-	-	-	-	8	6	6	14	80	80
	-	300-400	40	42	-	-	-	-	-			6	6		

Negligible axial thrust by fine adaptation of the relief bores.

Pressure safe casing parts designed for high reliability of operation.

Flanges according to DIN EN 1092-2 PN 10/16, other flange designs possible.

Connection dimensions and capacities according to DIN EN 733.

Shaft sealing by **mechanical seal or gland packing** according to the operating conditions.

Bearing monitoring connections standard.

Groove ball bearings rigid and lubricated for the whole service life. Protected from dirt with V-rings.

Process design; when dismantling the bearing bracket the volute casing remains in the piping.

Optimized hydraulic parts according to DIN EN 733 with **very good efficiencies and NPSH values.**

Adaptation to changing operating conditions possible by turning down the impeller.

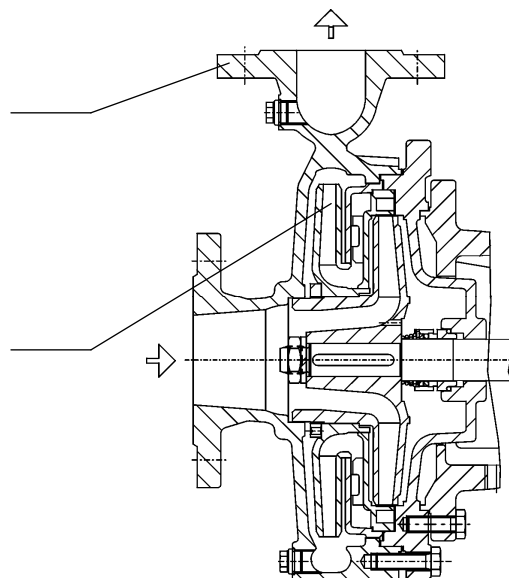
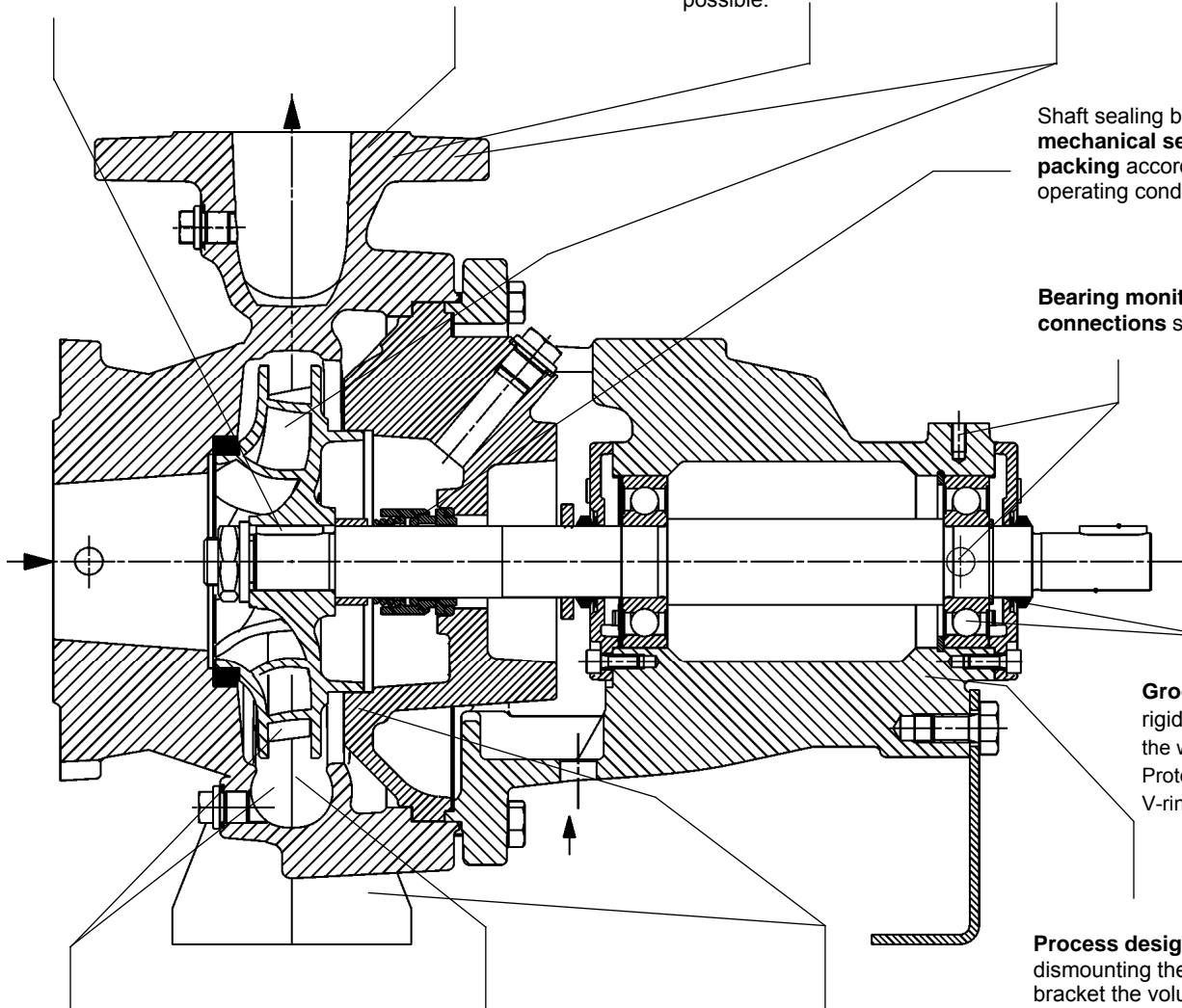
Large selection of materials.

Two-stage sizes with their outer dimensions **correspond** to the respective **single-stage sizes.**

Large delivery heads with two-stage sizes (2/25-200, 2/32-200, 2/40-250, 2/50-250). The connection dimensions correspond with the single stage design.

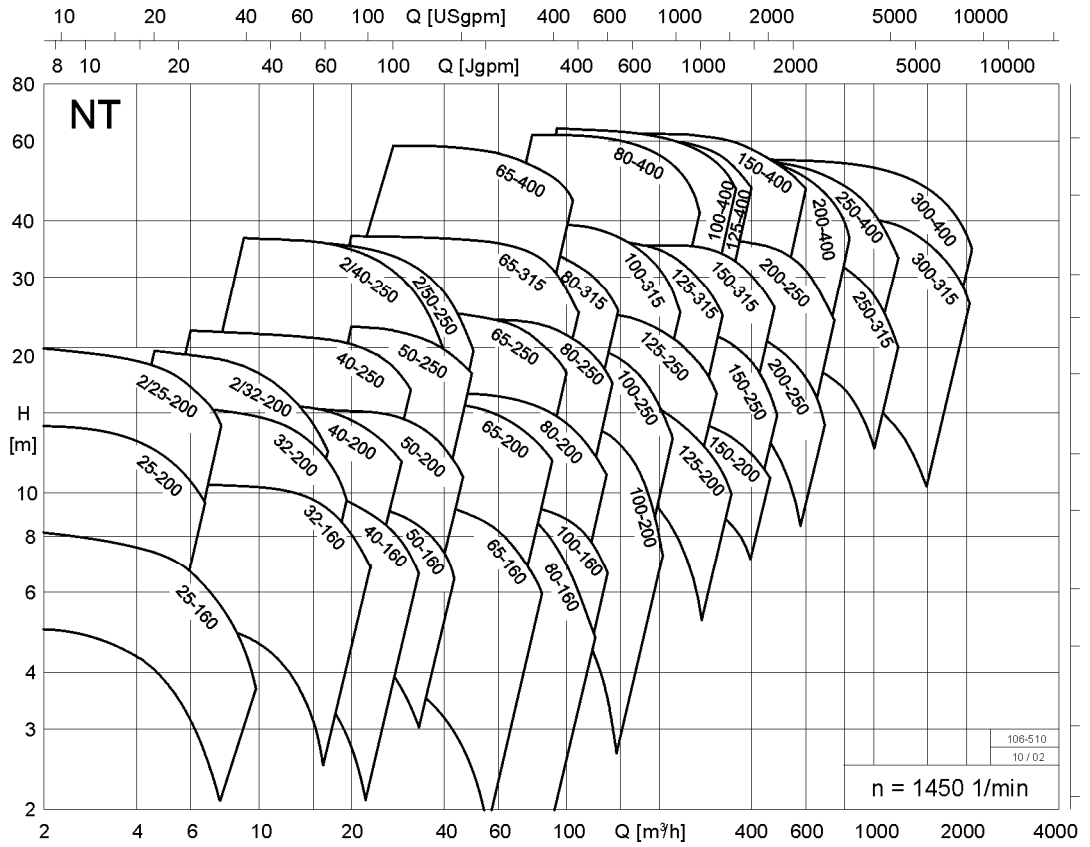
By additional pump sizes performance range according to DIN EN 733 is **increased.**

Reduced stockkeeping of spare parts due to use of as much non-variable parts as possible (modular system, see page 3).

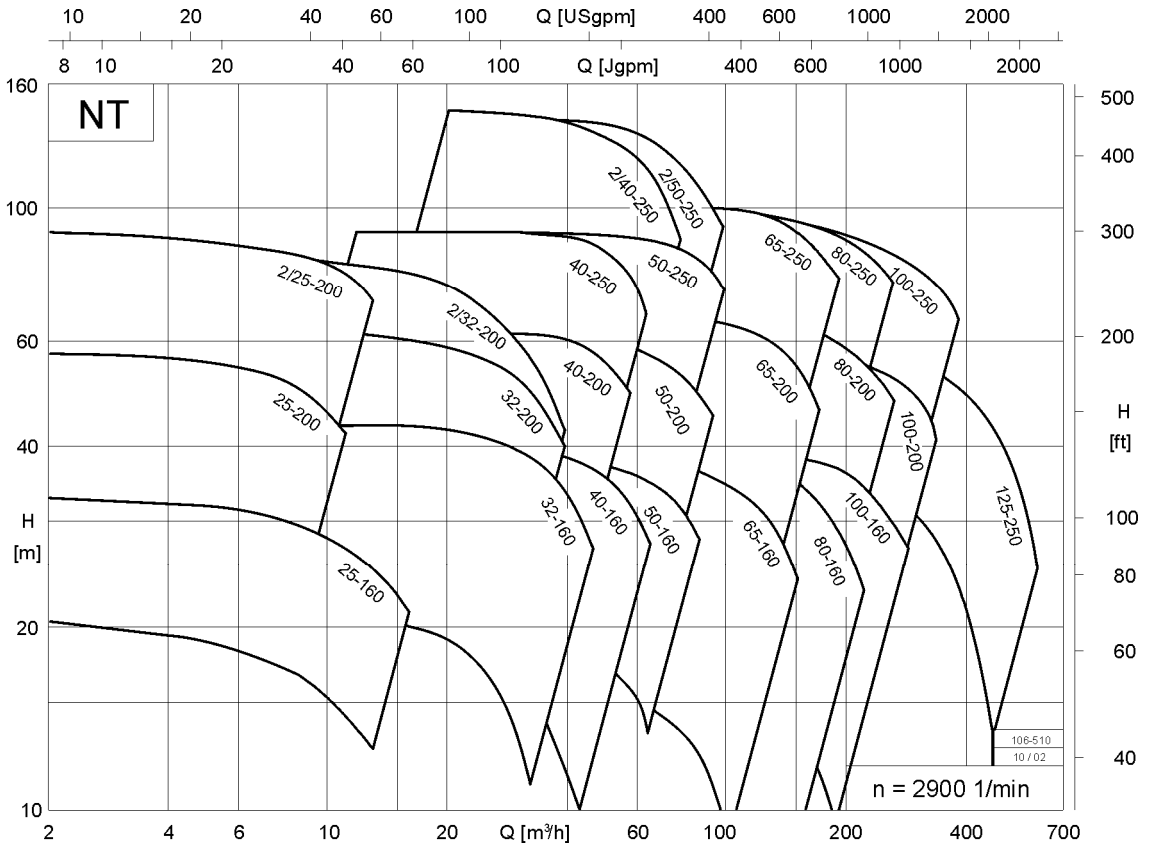


Performance graphs

n = 1450 1/min

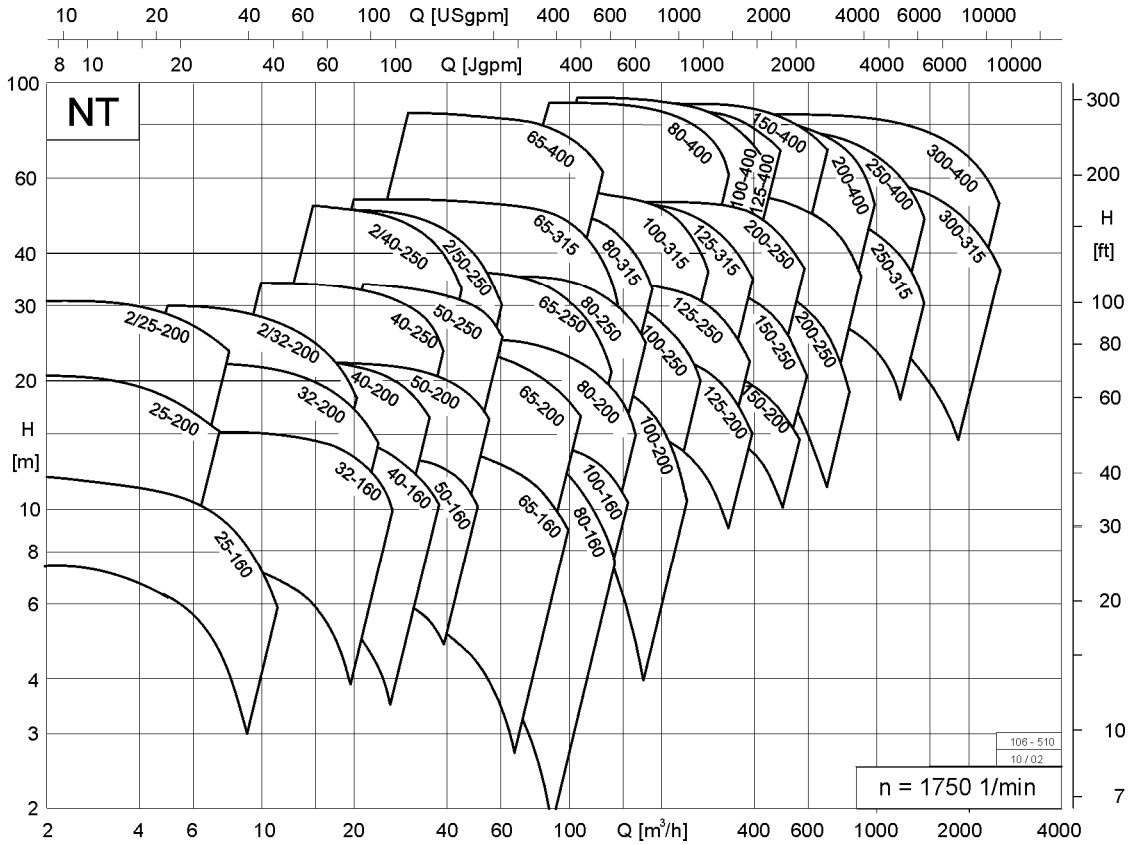


n = 2900 1/min

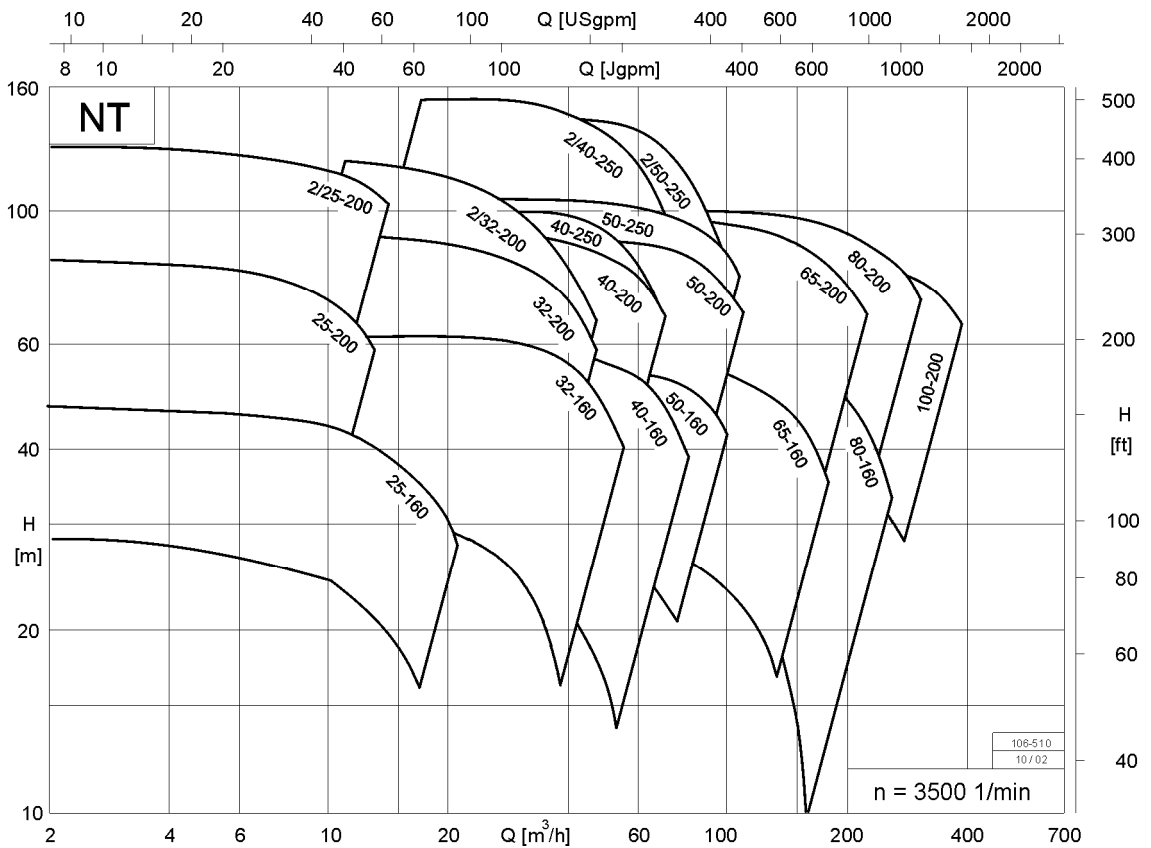


Valid for $\rho = 1 \text{ kg/dm}^3$ and $\nu = 1 \text{ mm}^2/\text{s}$.
Exact performance data to be taken from the individual characteristics.

n = 1750 1/min



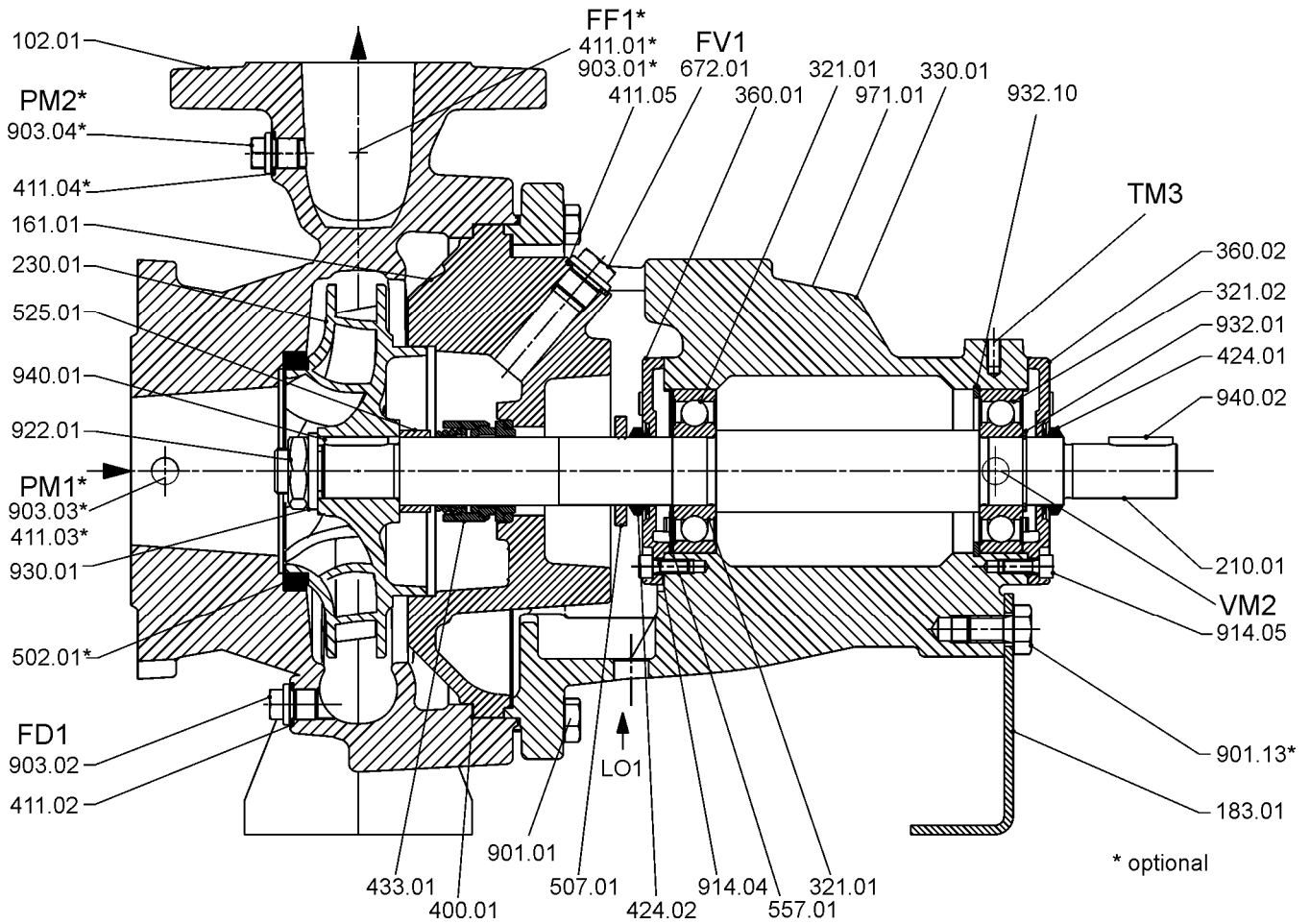
n = 3500 1/min



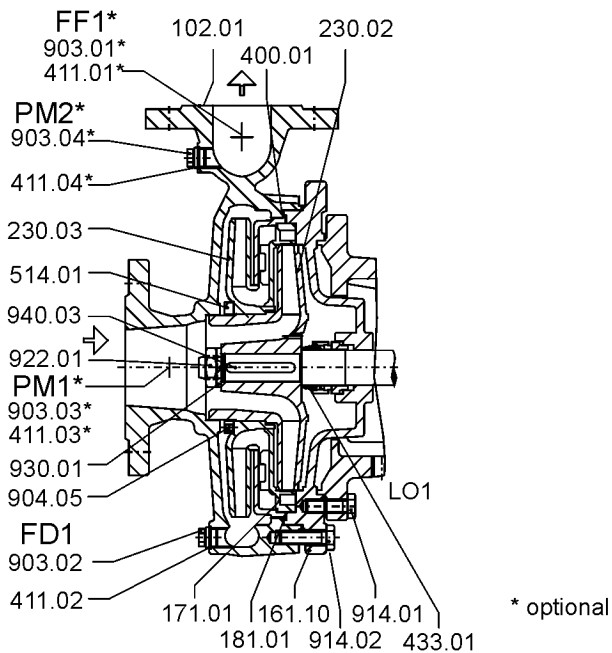
Valid for $\rho = 1 \text{ kg/dm}^3$ and $\nu = 1 \text{ mm}^2/\text{s}$.
Exact performance data to be taken from the individual characteristics.

Sectional drawings

Sizes on bearing bracket size 360

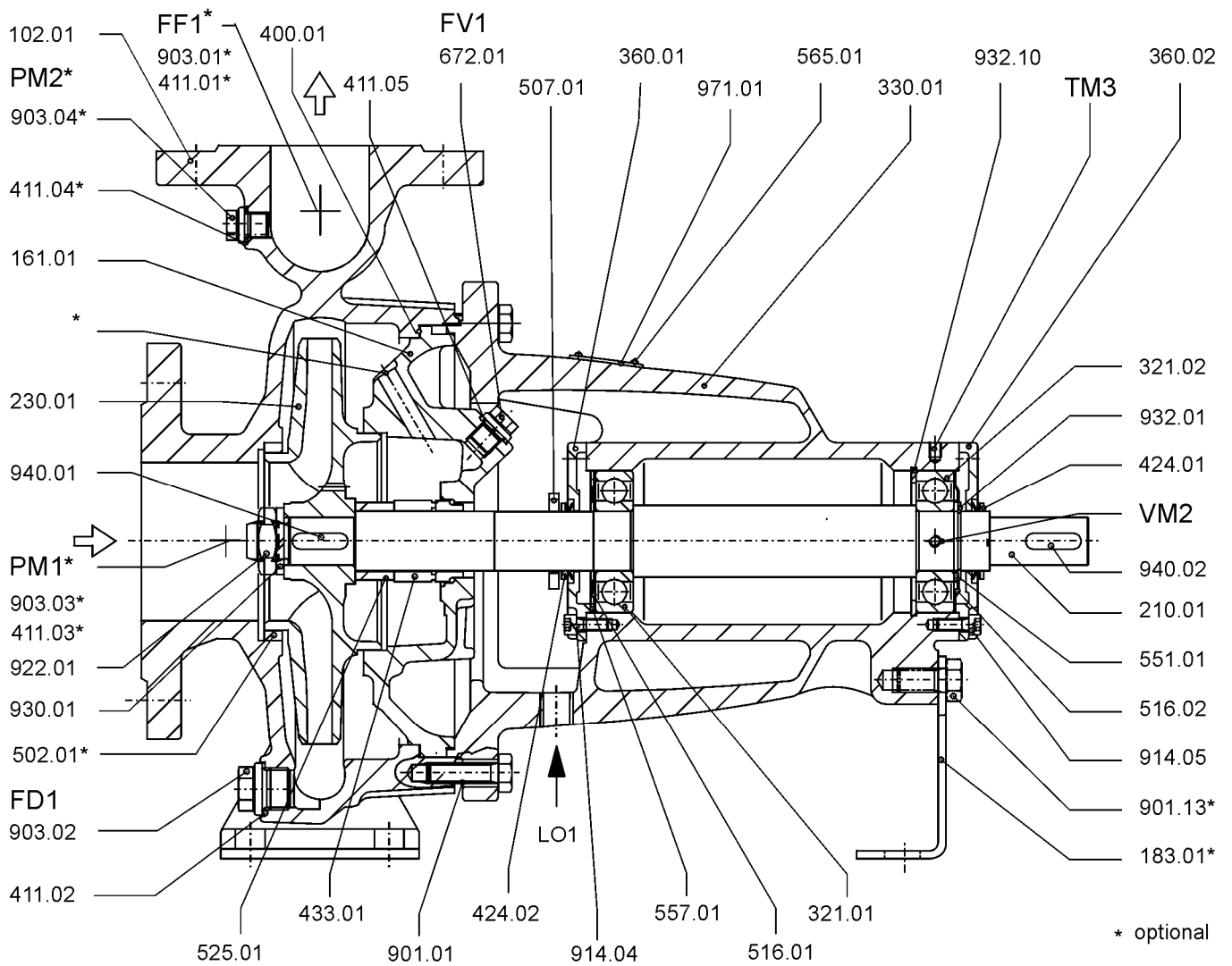


U3 ... D mechanical seal unbalanced



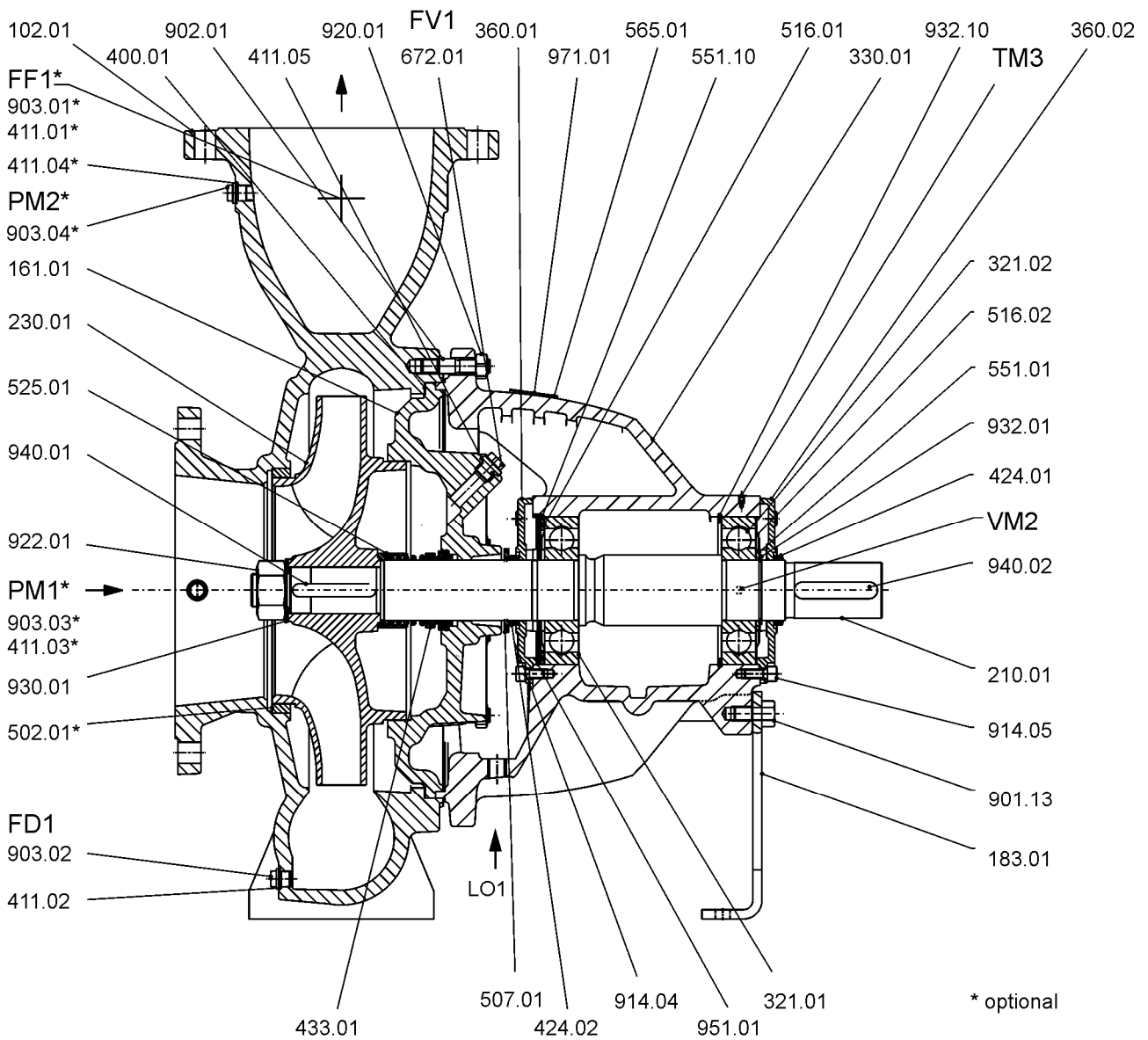
Bearing bracket size 360, two-stage, U3 ... D - mechanical seal unbalanced

Sizes on bearing bracket size 530



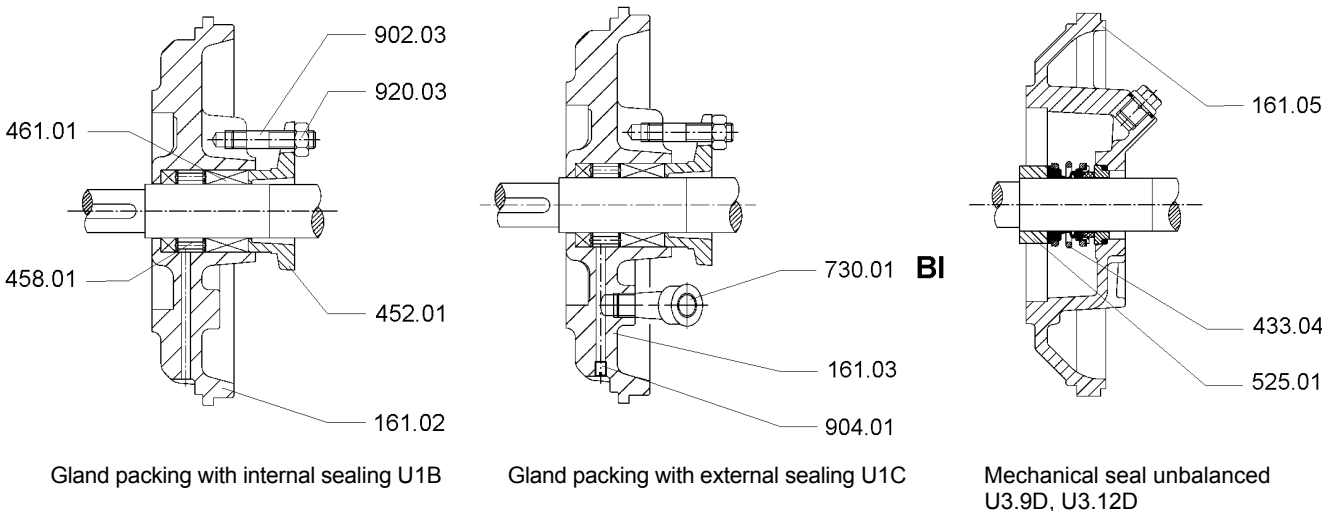
U3 ... D - mechanical seal unbalanced

Sizes on bearing bracket size 585

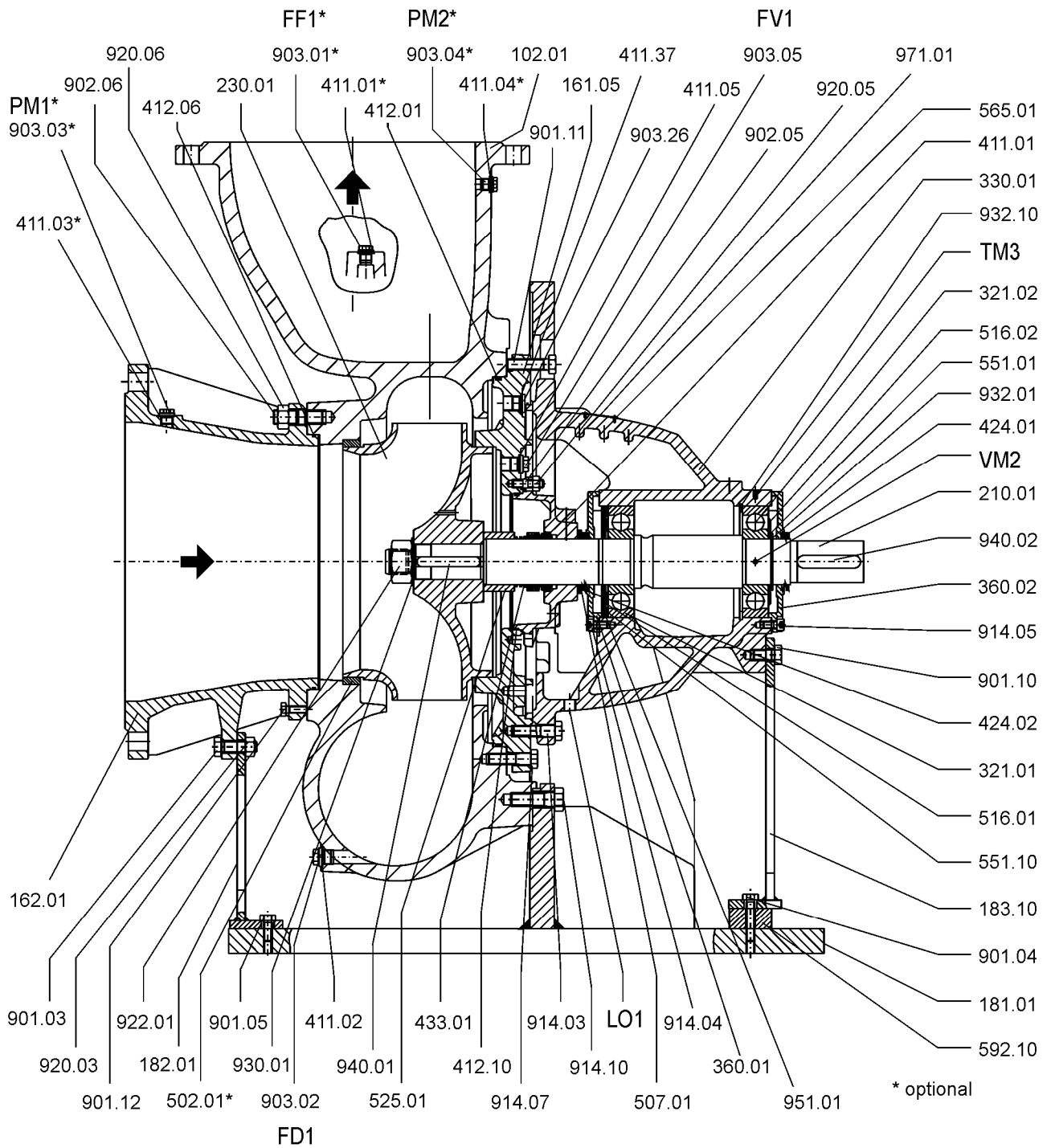


U3 ... D - mechanical seal unbalanced

Shaft seal variants

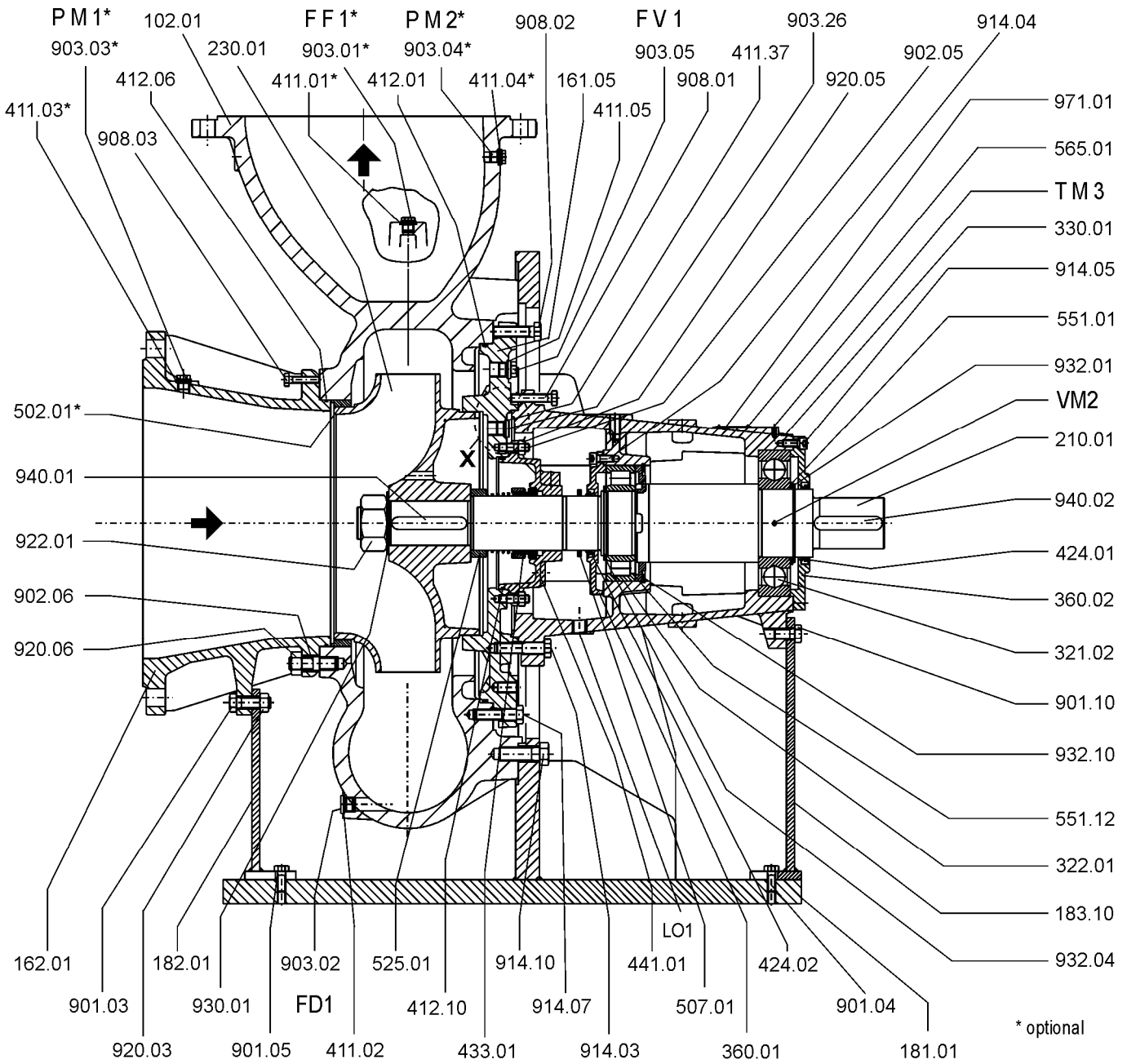


Sizes 300-315 and 300-400 on bearing bracket sizes 585

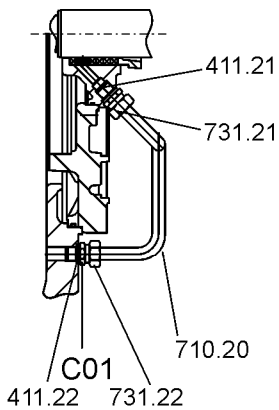


U3 ... D mechanical seal unbalanced

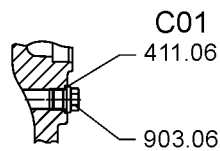
Sizes 300-315 and 300-400 on bearing bracket 700



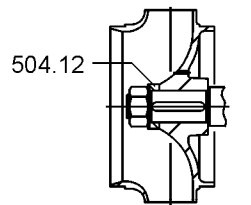
U3 ... D mechanical seal unbalanced



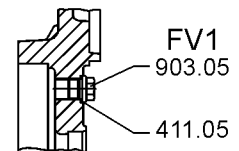
Internal sealing when equipped with U1B gland packing



Connection C01 on volute casing (sealed when equipped with mechanical seal)



Design sizes 300-315



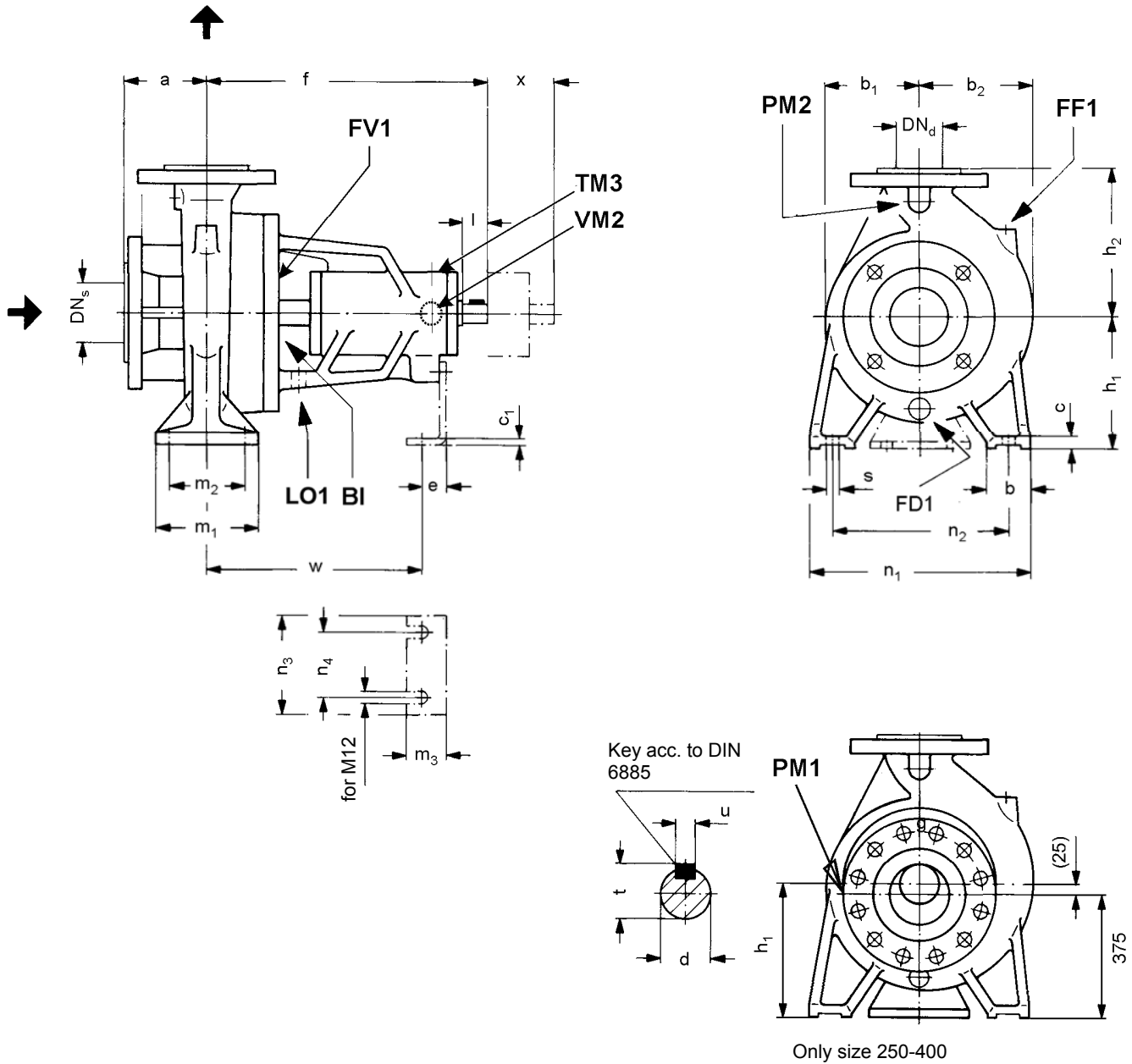
Detail X on the casing cover

List of components

Denomination	Part-No.	Denomination	Part-No.
Volute casing	102.01	Shim plate	592.10
Stage casing	108.01	Venting	672.01
Casing cover	161.01	Pipe	710.20
Casing cover	161.02	Pipe fitting	730.01
Casing cover	161.03	Pipe fitting	731.21
Casing cover	161.05	Pipe fitting	731.22
Casing cover	161.10	Hexagon head bolt	901.01
Casing cover	161.12	Hexagon head bolt	901.02
Suction cover	162.01	Hexagon head bolt	901.03
Diffuser	171.01	Hexagon head bolt	901.04
Pump frame	181.01	Hexagon head bolt	901.05
Foot	182.01	Hexagon head bolt	901.10
Support foot	183.01	Hexagon head bolt	901.11
Support foot	183.10	Hexagon head bolt	901.12
Shaft	210.01	Hexagon head bolt	901.13
Shaft	210.02	Stud bolt	902.01
Impeller	230.01	Stud bolt	902.03
Impeller 1 st stage	230.02	Stud bolt	902.05
Impeller 2 nd stage	230.03	Stud bolt	902.06
Radial ball bearing	321.01	Screw plug	903.01
Radial ball bearing	321.02	Screw plug	903.02
Radial ball bearing	321.03	Screw plug	903.03
Radial ball bearing	321.04	Screw plug	903.04
Cylindrical roller bearing	322.01	Screw plug	903.05
Bearing housing	330.01	Screw plug	903.06
Bearing cover	360.01	Screw plug	903.26
Bearing cover	360.02	Setscrew	904.01
Gasket	400.01	Setscrew	904.05
Gasket	400.02	Jacking screw	908.01
Seal ring	411.01	Jacking screw	908.02
Seal ring	411.02	Jacking screw	908.03
Seal ring	411.03	Socket head cap screw	914.01
Seal ring	411.04	Socket head cap screw	914.02
Seal ring	411.05	Socket head cap screw	914.03
Seal ring	411.06	Socket head cap screw	914.04
Seal ring	411.21	Socket head cap screw	914.05
Seal ring	411.22	Socket head cap screw	914.07
Seal ring	411.37	Socket head cap screw	914.10
O-ring	412.01	Hexagon nut	920.01
O-ring	412.06	Hexagon nut	920.03
O-ring	412.07	Hexagon nut	920.05
O-ring	412.10	Hexagon nut	920.06
V-ring	424.01	Impeller nut	922.01
V-ring	424.02	Spring ring	930.01
Mechanical seal	433.01	Circlip	932.01
Shaft seal housing	441.01	Circlip	932.04
Stuffing box gland	452.01	Circlip	932.10
Lantern ring	458.01	Key	940.01
Gland packing	461.01	Key	940.02
Wear ring	502.01	Key	940.03
Wear ring	502.02	Cup spring	951.01
Spacer ring	504.12	Nameplate	971.01
Thrower	507.01		
Intermediate ring	509.01		
Threaded ring	514.01	Connections	for:
Nilos ring	516.01	BI	External sealing
Nilos ring	516.02	FD1	Draining
Shaft sleeve	523.01	FF1	Filling
Spacer sleeve	525.01	FV1	Venting (for automatic aspirator)
Clamping sleeve	531.01	LO1	Leakage outlet
Spacer disc	551.01	PM1	Pressure gauge
Spacer disc	551.10	PM2	Pressure gauge
Spacer disc	551.12	VM2	Vibration measurement connection
Compensating disc	557.01	TM3	Temperature measurement connection
Rivet	565.01		

Main dimensions

Sizes on bearing bracket sizes 360, 470, 530 and 585



Dimensions in mm.
Sense of rotation: clockwise, as seen from the driving side.

Bearing bracket size	External sealing	Draining	Filling	Venting	Leakage-outlet	Pressure gauge	Pressure gauge	Vibration gauge	Temperature gauge
		①	②			PM1	PM2		
	BI	FD1	FF1	FV1	LO1	PM1	PM2	VM2	TM3
360	G ¼	G ¼	G ¼	G ¼	G ⅜	G ¼	G ¼	M6	M6
470	G ¼	G ⅜	G ⅜	G ⅜	G ⅜	G ¼	G ⅜	M6	M6
530	G ⅜	G ⅜	G ⅜	G ½	G ⅜	G ¼	G ⅜	M6	M6
585	G ⅜	G ⅜	G ⅜	G ½	G ⅜	G ⅜	G ⅜	M6	M6
2-stage sizes	-	G ¼	G ¼	G ¼	G ⅜	G ¼	G ¼	M6	M6

① connection FD1 in sizes 25-200 and 2/25-200 = G ½
 ② connection FF1 in sizes 25-200 and 2/25-200 not provides.

Flanges acc.to DIN EN 1092-2 PN 10 / PN 16 (The outside diameter and thickness of the flange may be larger than specified in the standard)

Main dimensions

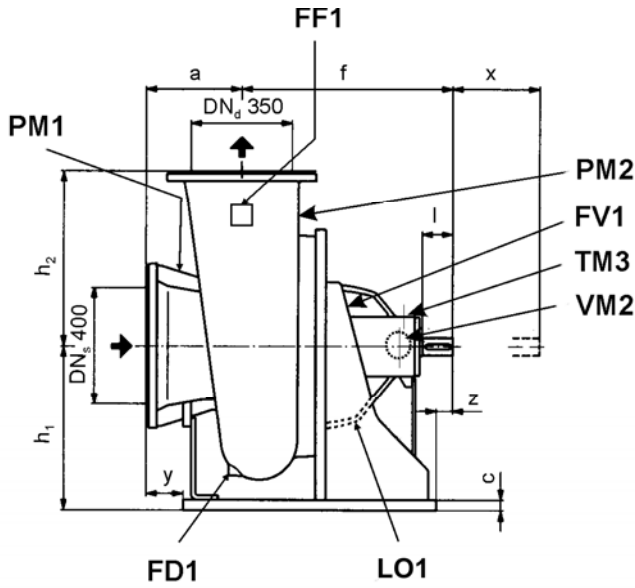
Dimensions in mm without commitment.
Tolerances of the connection dimensions according to DIN EN 735.

Bear- ing bracket size	Pumps size	Suction flange DN _s	Dis charge flange DN _d	Pump dimensions								Foot dimensions											Ex- ten- sion di- men- sion x	Shaft end acc. to DIN 748								
				a	f	b ₁	b ₂	h ₁	h ₂	b	c	c ₁	e	m ₁	m ₂	m ₃	n ₁	n ₂	n ₃	n ₄	w	s for screws		d	l	t	u					
360	25-160	40	25	80	360	128	128	132	160	50	15	4	28	100	70	45	320	250	160	110	260	M12	100	24	50	27	8					
	25-200					132	132	160	180																							
	2/25-200					123	123	132	160																							
	32-160	50	32			124	130	160	180																							
	32-200					123	123	132	160																							
	2/32-200	65	40			125	135	160	180																							
	40-160			100	150	156	180	225	65	15	4	28	125	95	45	320	250	160	110	260	M12	100	24	50	27	8						
	40-200				123	130	160	180	50	100	70	265	212																			
	40-250	123	130		160	180	50	100	70	265	212																					
	2/40-250	50	133		145	160	200	50	100	70	265	212																				
	50-160		156		169	180	225	65	125	95	320	250																				
	50-200		133		162	160	200	65	125	95	280	212																				
	50-250	80	65	148	170	180	225	65	125	95	280	212																				
	2/50-250			136	170	180	225	65	125	95	320	250																				
	65-160			136	170	180	225	65	125	95	320	250																				
	65-200	100	80	125	165	200	280	65	125	95	320	250																				
80-160	165			200	280	65	125	95	320	250																						
100-160	125	100	125	165	200	280	65	125	95	320	250																					
470	65-250	80	65	100	470	164	184	200	250	80	18	4	28	160	120	45	360	280	160	110	340	M16	100	32	80	35	10					
	65-315					202	219	225	280																			25	6	30	400	315
	65-400					239	255	250	355																			47	420	335		
	80-200	100	80	125	470	163	188	180	250	65	18	4	28	125	95	45	345	280	160	110	340	M12	100	32	80	35	10					
	80-250					182	208	200	280	25	6	30	400	315																		
	80-315					210	231	250	315	47	400	315																				
	100-200	125	100	140	470	165	203	200	280	80	18	4	28	160	120	45	360	280	160	110	340	M16	140	32	80	35	10					
	100-250					189	224	225	280	25	6	30	400	315																		
	100-315					220	250	315	47	400	315																					
	125-200	150	125	160	530	196	236	250	355	18	6	30	200	150	47	400	315	160	110	370	M20	140	42	110	45	12						
	125-250					212	255	355	18	6	30	200	150	47	400	315																
	150-200					214	268	280	370	100	27	200	150	550	450																	
	530	80-400	100	80	125	246	265	280	355	80	25	160	120	435	355	M16	140	42	110	45	12											
100-400		125	100	140	256	272	280	355	100	27	6	31	200	150	47	500	400	160	110	370	M20	140	42	110	45	12						
125-315		150	125	140	226	252	315	400	100	27	6	31	200	150	47	500	400	160	110	370	M20	140	42	110	45	12						
125-400					285	315	315	400	100	27	6	31	200	150	47	500	400	160	110	370	M20	140	42	110	45	12						
150-250					231	283	280	375	100	27	6	31	200	150	47	500	400	160	110	370	M20	140	42	110	45	12						
150-315		200	150	160	239	271	280	400	100	27	6	31	200	150	47	500	400	160	110	370	M20	140	42	110	45	12						
150-400					277	305	315	450	100	27	6	31	200	150	47	500	400	160	110	370	M20	140	42	110	45	12						
200-250					262	330	355	425	100	27	6	31	200	150	47	500	400	160	110	370	M20	140	42	110	45	12						
585	200-315	250	200	200	270	335	355	450	110	27	10	42	200	150	65	550	450	250	200	410	M20	180	60	105	64	18						
	200-400			180	315	374	355	500	100	30	260	190	690	560																		
	250-315	300	250	250	325	408	400	560	130	30	280	200	630	500	M24	180	60	105	64	18												
	250-400			225	350	440	400	600	120	30	280	200	630	500	M27	180	60	105	64	18												

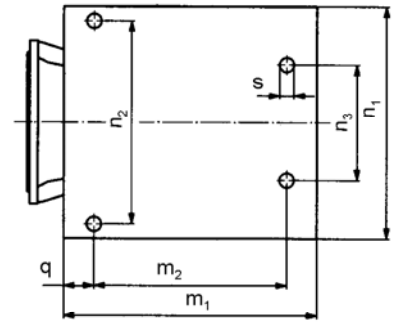
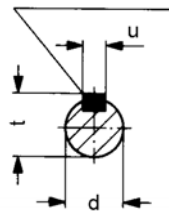
Installation dimensions are available in ALLWEILER drawing archive ALL2CAD.

Main dimensions

Size 300-315 and 300-400 on bearing bracket 585 ① and 700



Key acc. to DIN 6885



View from below

Bearing bracket size e	FD1	FF1	FV1	LO1	PM1	PM2	VM2	TM3
585	G 1/2	G 3/8	G 1/2	G 3/8	G 3/8	G 3/8	M6	M6
700	G 1/2	G 3/8	G 1/2	G 1/2	G 3/8	G 3/8	M6	M6

Flanges acc. to DIN EN 1092-2 PN 10 / PN 16 (The outside diameter and thickness of the flange may be larger than specified in the standard).

Dimensions in mm.

Sense of rotation: clockwise, as seen from the driving side.

Pump size	Bearing bracket size	Pump dimensions				Foot dimensions								Extension dimension x	Shaft end acc. to DIN 748				Others											
		a	f	h ₁	h ₂	c	m ₁	m ₂	n ₁	n ₂	n ₃	q	s		d	l	t	u	y	z										
300-315	585	325	730	560	600	35	850	720	800	700	400	50	M30	250	105	60	64	18	148	57										
	75		79,5													20		122												
300-400	585		700	560	600											35	850	720	800	700	400	50	M30	250	105	60	64	18	118	57
	700		765																							79,5		20		122

Installation dimensions are available in ALLWEILER drawing archive ALL2CAD.

Allocation of the bearing bracket sizes to the speeds

Pump size	Speed [min ⁻¹]				
	950	1.180	1.450	1.780	
		Bearing bracket size			
300-315	585 ①			700	
300-400	585 ①			700	

① up to the max. power 200 kW; above 200 kW bearing housing size 700 has to be used

Subject for technical alterations.



Only those who perform research can create sustainable, innovation-based benefits. The German Stifterverband für die Deutsche Wissenschaft has awarded Allweiler GmbH its "Innovation Through Research" certificate for its commitment to research.