

Eccentric Screw Pumps

Series AE1N, AE2N Design ID



Application

For handling liquid to highly viscous, neutral or aggressive, uncontaminated or abrasive liquids, liquids containing gases or which tend to froth, also containing fibres and solid matter.

In waste water and waste water treatment engineering, chemical and petrochemical industry, paper and cellulose industry, soap and fats industry, paint and lacquer industry, food and beverage industry, plastics industry, ceramics industry, agriculture, sugar industry and in shipbuilding.

Function

Self-priming, single or two-stage, rotary positive displacement pump. Conveying elements are the rotating eccentric screw (rotor) and the fixed stator. In the cross-sectional plane, both are in contact with one another at two points forming two sealing lines along the length of the conveying elements. The contents of the sealed chambers which are formed as the rotor turns are displaced axially and with complete continuity from the suction to the delivery end of the pump. Despite rotor rotation, there is no turbulence. The constant chamber volume excludes squeezing, thus ensuring an extremely gentle low-pulsating delivery.

Structural design

By external casing connecting screws (clamping screws), the pressure casing, stator and suction casing are interconnected. The suction casings are designed particularly favourable to flow. The pump sizes 100 to 5000 in cast iron design are provided with staggered holes for cleaning. The stator vulcanized into a tube or shell casing (even elastomer wall thickness) is provided with external collars vulcanized to it on both sides reliably sealing towards the suction casing and delivery casing and protecting the stator shell from corrosion.

Stators are supplied:

with uneven wall thickness:
single-stage for all sizes,
two-stage not for size 5000

with even wall thickness:
single-stage not for sizes 25, 50
two-stage only for sizes 100, 200, 380, 750, 1450

The exchangeable shaft sealing housing or mechanical seal housing (subsequent conversion to another sealing variant is possible) are arranged between the suction casing and bearing bracket. The sealing housings (shaft seals) are easily accessible as the complete bearing unit can be withdrawn from the driving shaft without any further pump dismounting.

Bearing of the driving spindle is effected in the bearing bracket. The torque of the drive is transmitted over the driving shaft and the joint shaft onto the rotor. On both sides, the joint shaft ends in liquid-tight encapsulated bolt joints, which are designed particularly simple and sturdy properly taking the eccentric movement of the rotor.

Shaft seal

By uncooled, cooled or heated stuffing box or by uncooled or cooled maintenance-free unbalanced, single or double-acting mechanical seal.

Material pairing and design are adapted to the respective operating conditions. For further data, refer to pages 4, 5.

The stuffing box or mechanical seal housings of the various shaft sealing types are interchangeable within one size. The various mechanical seal housing parts form a modular construction system and, in case of conversion to a different mechanical seal design, can be easily combined with one another.

Installation spaces for mechanical seals according to DIN 24 960 (except for double mechanical seal).

For further data, refer to pages 4, 5, 6 and 7.

Technical data

Deliveries, admissible speed ranges and required drive powers are to be taken from the performance graph on page 3 and/or the separate individual characteristic curves.

				AE1N	AE2N
Delivery	Q l/min	up to		4850	2900
Temperature of fluid pumped	t °C ①	up to		150	
Delivery pressure	single-stage	Δp bar	up to	6 ②	-
	two-stage	Δp bar ⑦	up to	-	12 (16 ⑤)
Pump outlet pressure	p_d bar ④	up to		16	16 (25 ⑤)
Attainable underpressure	p_s bar ③	up to			0,95
Viscosity	η mPa·s ③	up to			270.000
Admissible solids content	Vol% ③	up to			60

The mentioned performance data are to be considered as a product and performance abstract only. The particular operating limits can be taken from the quotation or order acknowledgement.

Max. admissible grain sizes and fibre lengths

Size	25	50	100	200	380
max. grain size mm	2,5	3	3,8	5	6,8
max. fibre length mm	42	42	48	60	79

Size	750	1450	2700	5000
max. grain size mm	9,5	14	20	25
max. fibre length mm	98	130	210	250

Increasing solids content and increasing grain size require a reduction of the pump speed:

- ① depending upon the fluid to be pumped and the elastomers employed.
- ② 12 bar in the case of the stator with even elastomer wall thickness.
- ③ depending upon the pump size/design, speed and fluid to be pumped.
- ④ depending on direction of rotation, inlet pressure.
- ⑤ 16 bar for stator with even elastomer wall thickness – up to 24 bar please consult the manufacturer.
- ⑥ for sizes 100, 200, 380, 750, 1450 possible.
- ⑦ 12 bar for shaft with shaft sleeve.

Drive

Driving possibilities see page 12.

Drives of any manufacturers can be employed. For the technical data and dimensions, please refer to the documents of the manufacturers.

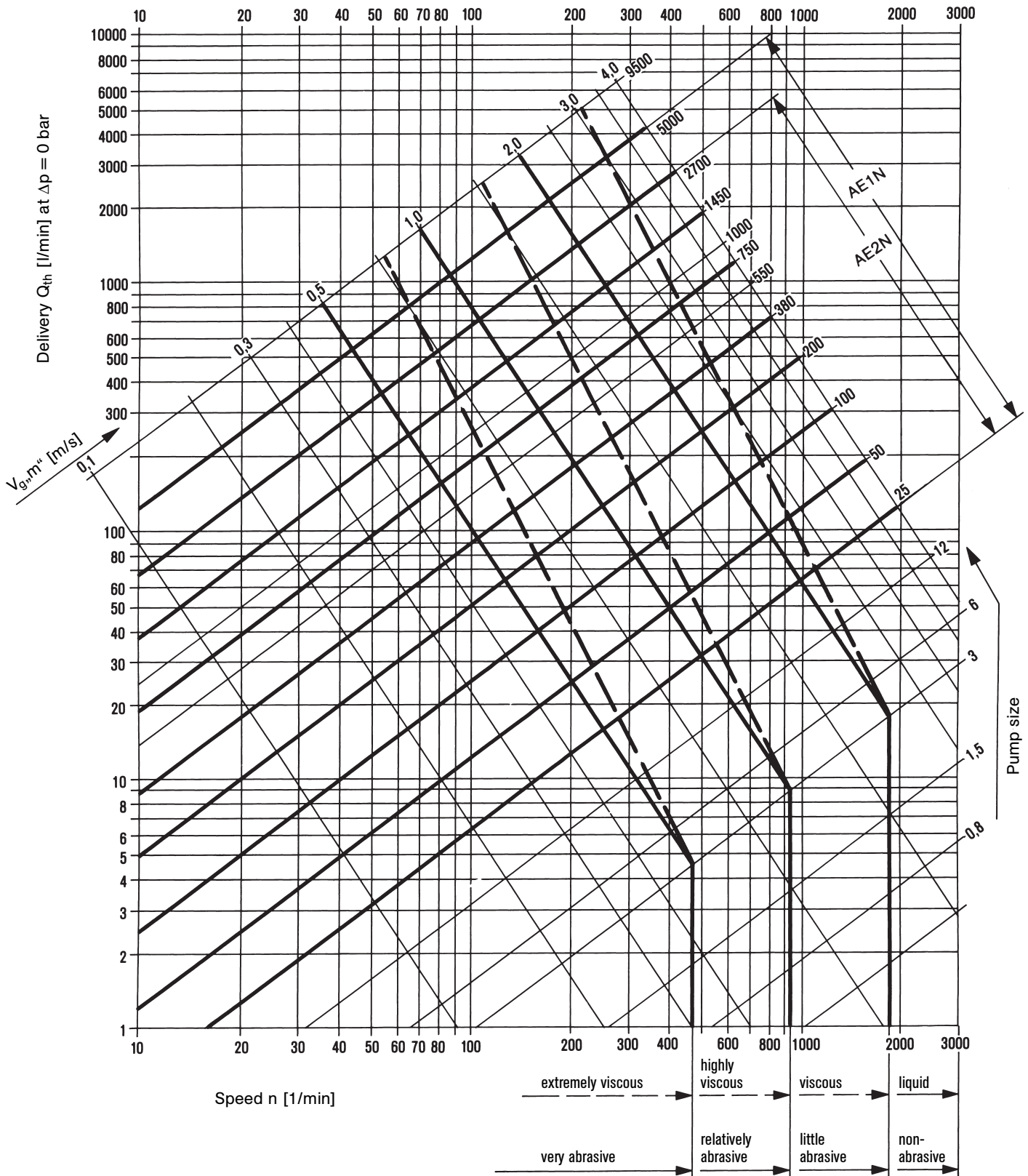
Installation

AE pumps may be installed horizontally or vertically. In case of vertical arrangement, "shaft shank downwards" is not admissible.

By means of a flexible coupling or via a gear (as a rule, V-belt drive), the pump and drive are connected with one another and mounted on a common base plate. For aggregate dimensions, please inquire.

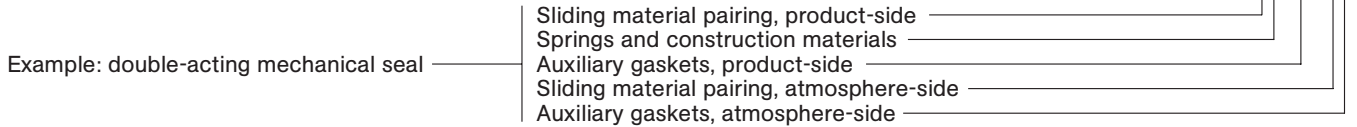
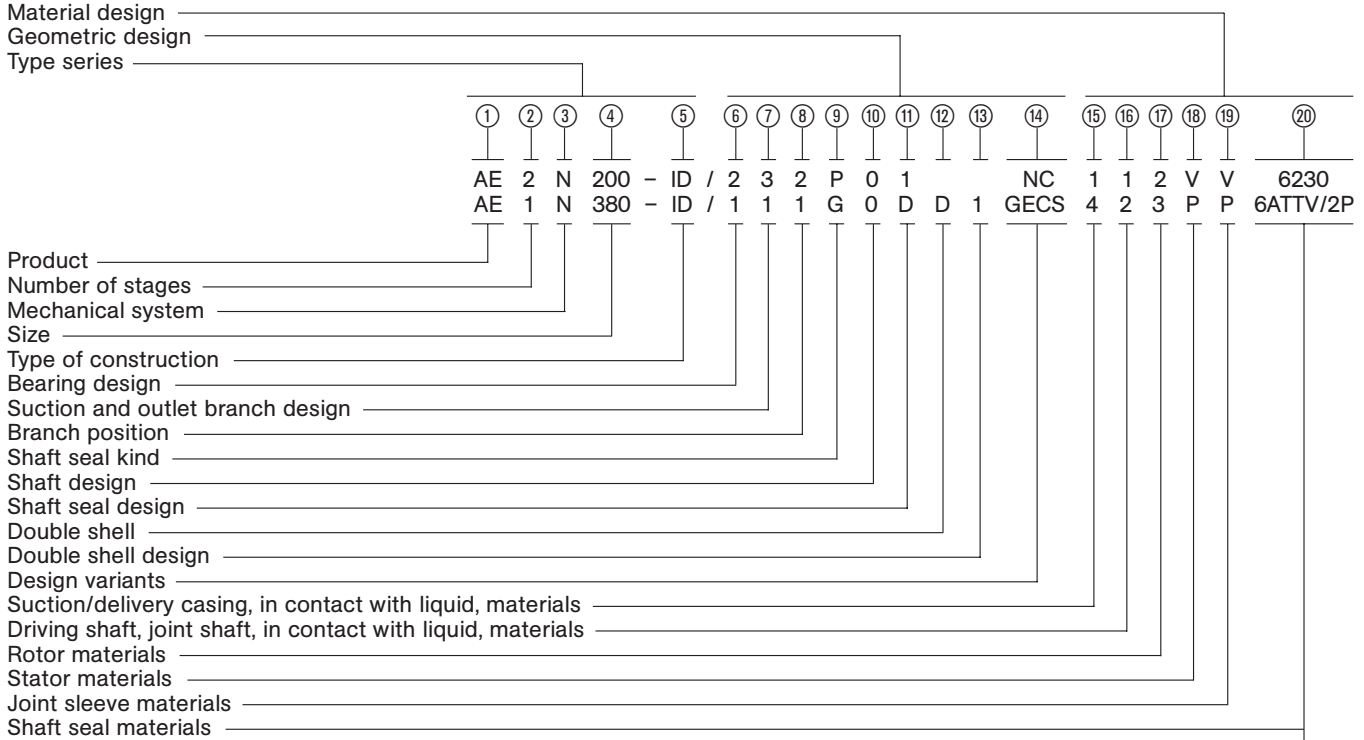
Performance graph

For a rough selection of the pump size and speed as a function of the requested delivery and kind of fluid to be pumped. $V_{g,m''}$ = available, mean sliding speed of the rotor in the stator.



Sizes of series AE1N, AE2N. Data on the performance range not covered by AE series are to be taken from the last page of this brochure and/or the individual brochures of the other series. For exact performance data, please refer to the individual characteristics.

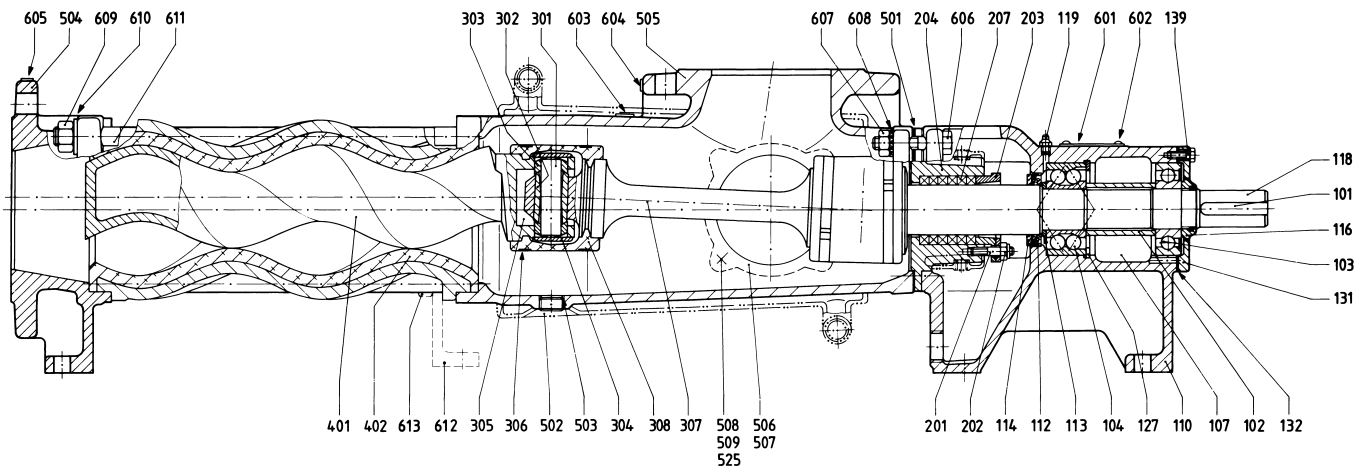
Type code



Explanations to the type code:

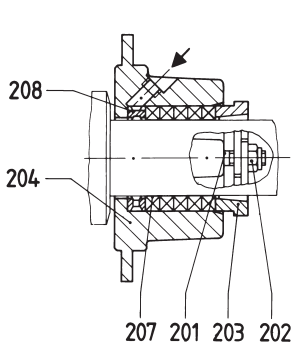
Position in type code	Designation	Design
①	Product	ALLWEILER eccentric screw pump
②	Number of stages	1 = single-stage up to delivery pressure Δp 6 bar (sizes 25 to 5000) (Δp 12 bar for stator with even elastomer wall thickness) 2 = two-stage up to $\Delta p = 12$ bar (size 5000 only available single-stage) up to $\Delta p = 16$ bar for stator with even elastomer wall thickness (up to $\Delta p = 24$ bar please consult the manufacturer)
③	Mechanical system	N = rated for delivery pressure Δp 16 bar (up to Δp 24 bar please consult the manufacturer)
④	Size	possible sizes: 25, 50, 100, 200, 380, 750, 1450, 2700, 5000. The numbers indicate the theoretic delivery in l/min with $n = 400$ 1/min and $\Delta p = 0$ bar
⑤	Design	ID = Industrial design with internal bearing
⑥	Bearing design	1 = hose-proof, radial bearing drive-side with sealing washer, axial bearing pump-side with shaft seal ring. Both bearings regreasable. For horizontal installation 2 = hose-proof, radial bearing on both sides with sealing washer, axial bearing pump-side with shaft seal-ring. Axial bearing regreasable, radial bearing lifetime-lubricated. For vertical installation with shaft shank upwards.
⑦	Suction and outlet branch design	1 = DIN flanges 3 = ANSI flanges X = Delivery branch DIN 2501, PN 25; ANSI B 16,1, Class 250; suction and/or delivery branch of special design — according to dimensional sheet, pages 9 and 10
⑧	Branch position	1, 2, 3, 4 – For the arrangement, please refer to the representation, page 9. Arrangement 3 for size 25 not possible.
⑨	Shaft seal type	P = Stuffing box or other non-mechanical shaft seal G = Mechanical seal (mechanical shaft seal)
⑩	Shaft design	0 = Shaft without shaft sleeve 1 = Shaft with shaft sleeve (not possible with pump size 25)
⑪	Shaft seal design	Stuffing boxes P01/P11 = Stuffing box of normal design (without sealing chamber ring/without flushing ring) P02/P12 = Stuffing box with flushing ring P03/P13 = Stuffing box with internal sealing chamber ring P04/P14 = Stuffing box with external sealing chamber ring POX/P1X = Non-mechanical shaft seal of special design

Sectional drawing and component list



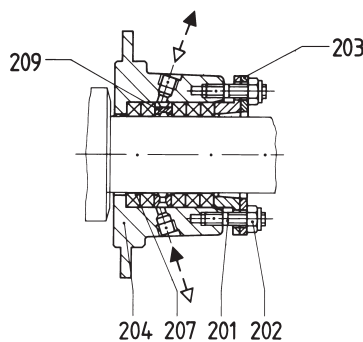
Bearing 1: Hose-proof, radial bearing drive-side with sealing washer; axial bearing pump-side with shaft seal ring.
Both bearings regreasable. Only for horizontal installation.

Shaft seal **P01**: Due to particularly great packing length, versatile, admissible pressure at the shaft seal $p = -0.7$ to 16 bar.



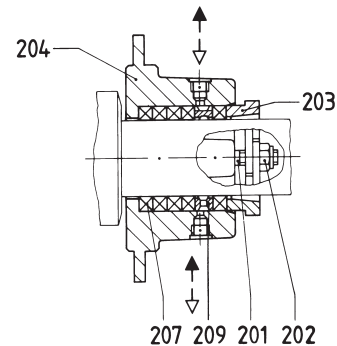
P02 Stuffing box with flushing ring

To be employed for very abrasive fluids pumped with external flushing
 $p = -0.7$ to 12 bar



P03 Stuffing box with internal sealing chamber ring

To be employed for pure fluids with internal sealing or for abrasive fluids with external sealing
 $p = -0.8$ to 6.0 bar



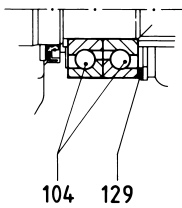
P04 Stuffing box with internal sealing chamber ring

To be employed in case of incompatibility of the external sealing liquid with the fluid pumped or if air inlet is to be avoided
 $p = -0.9$ to 12 bar

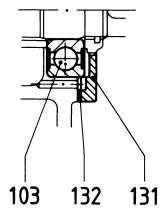
Part-No.	Denomination
101	Key
102	Spacer sleeve
103	Groove ball bearing
104	Angular contact ball bearing
107	Bearing grease
110	Bearing bracket
112	Shaft seal ring
113	Spacer ring
114	Thrower
115	O-ring
116	Bearing nut
118	Driving shaft
119	Lubricating nipple

Part-No.	Denomination
127	Circlip
129	Shim ring
131	Bearing cover
132	Gasket
139	Hexagon screw
201	Stud bolt
202	Self-locking nut
203	Gland half
204	Shaft sealing housing
206	Shaft sleeve
207	Stuffing box
208	Flushing ring
209	Sealing chamber ring

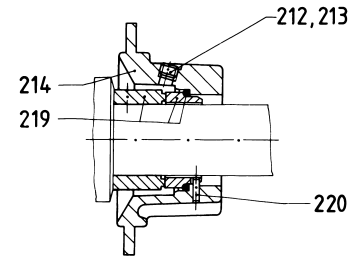
Part-No.	Denomination
212	Screw plug
213	Joint tape
214	Mechanical seal housing
215	Mechanical seal cover
218	O-ring
219	Mechanical seal
220	Locking pin
232	Shaft seal ring
234	Throttling ring
235	O-ring
236	Locking pin
245	Hexagon screw
251	Sealing compound



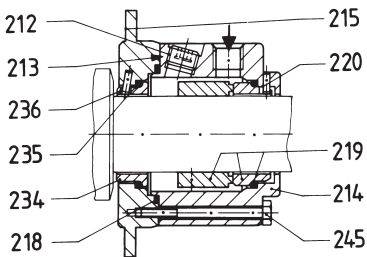
Bearing 1 for size 750 and above and 2: Axial bearing with two-single-row angular contact ball bearings



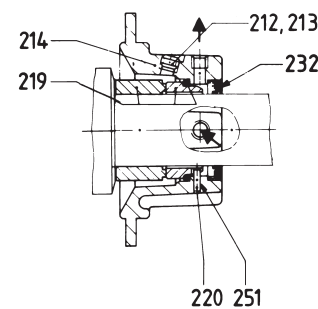
Radial bearing in case of bearing 2 (only for vertical installation with shaft shank upwards)



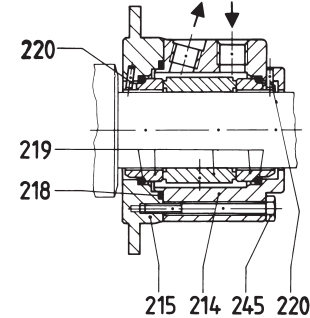
GOK/GON Single mechanical seal, DIN 24 960, K/N design, U shape. For employment, please inquire. $p = -0.5$ to 16 bar



GOS/GOT Single mechanical seal, DIN 24 960, K/N design, U shape, rotating part with integrated locking device, with flushing liquid connection and pump-side throttling ring. For employment, please inquire, $p = -0.5$ to 16 bar



GOQ Single mechanical seal, DIN 24 960, K design, U shape, with quench. For employment, please inquire, $p = -0.5$ to 16 bar

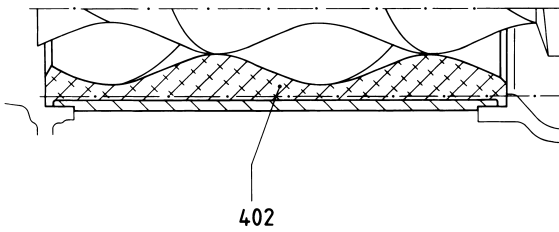


GOD Double mechanical seal, with sealing liquid connection. For employment, please inquire, $p = -0.95$ to 16 bar

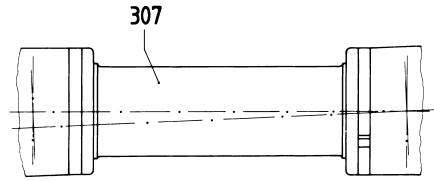
Part No.	Denomination
301	Joint bolt
302	Joint bush
303	Bush for joint bolt
304	Joint sleeve
305	Joint lubricant
306	Joint clamp
307	Joint shaft
308	Joint collar
401	Rotor
402	Stator
403	Stator gasket delivery-side
404	Stator gasket suction-side
501	Gasket for suction casing

Part No.	Denomination
502	Screw plug
503	Joint tape
504	Delivery casing
505	Suction casing
506	Suction casing cover
507	Gasket
508	Stud bolt
509	Hexagon nut
510	Fan-type lock washer
525	Washer
601	Type plate
602	Round head grooved pin
603	Information plate commissioning

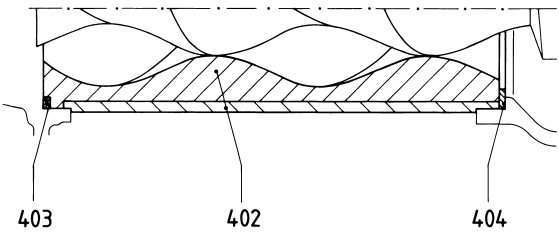
Part No.	Denomination
604	Information plate suction
605	Information plate pressure
606	Hexagon screw
607	Hexagon nut
608	Fan-type lock washer
609	Hexagon nut
610	Washer
611	Clamp bolt
612	Support
613	Hexagon screw



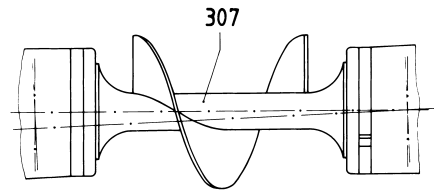
Stator with uneven elastomer wall thickness



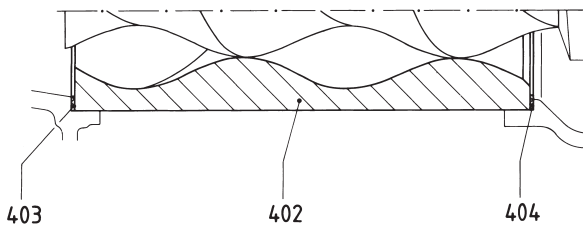
Winding protection on joint shaft



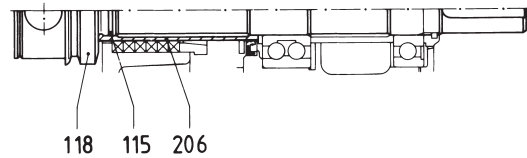
Stator of plastic material



Worm on joint shaft

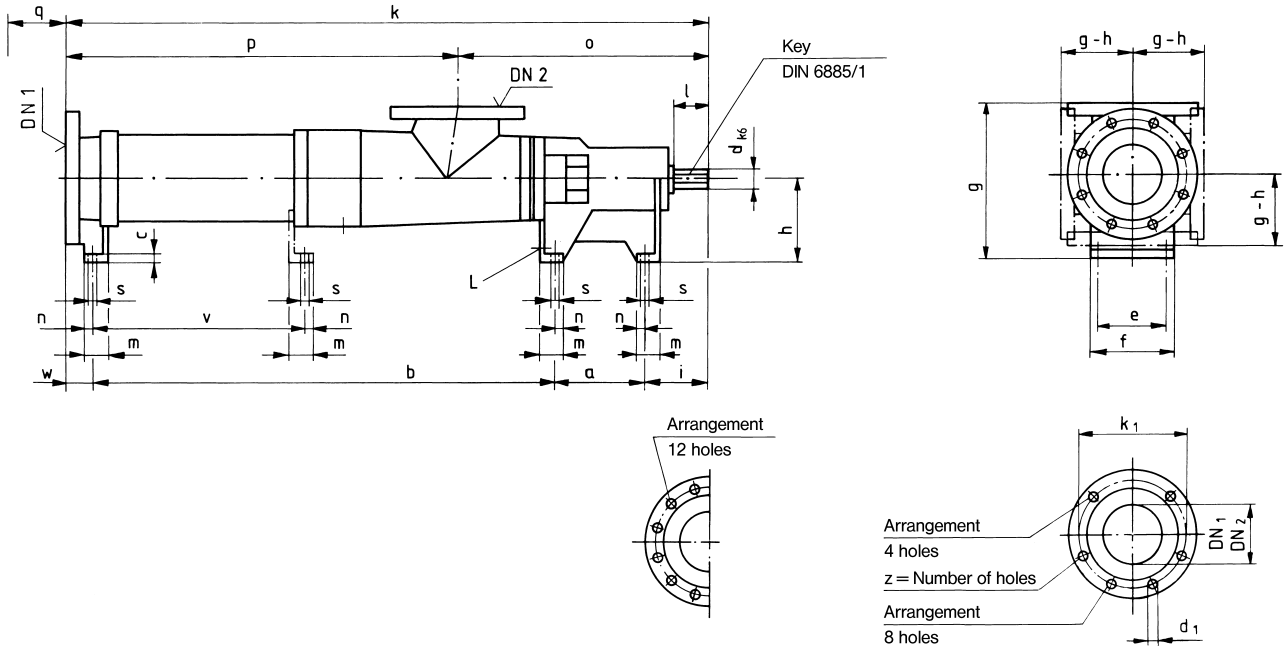


Stator of metal



Shaft with shaft sleeve from size 50 and above for all gasket designs possible

Pump dimensions, auxiliary connections, possible branch positions, weights



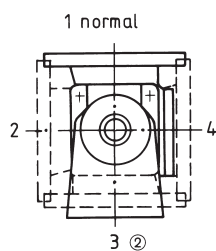
Dimensions in mm, nominal widths of ANSI flanges (DN) in inch. Subject to alterations.

Sense of rotation: normally counterclockwise as seen from the driving side, here DN₁ = outlet branch, DN₂ = suction branch, change of sense of rotation possible, then, DN₁ = suction branch, DN₂ = outlet branch

Series Size	Pump dimensions																Max. mass kg
	a	b	c	d	e	f	h	i	l	m	n	o	① q	s	L	v	
AE1N 25-ID	114	389	10	18	75	95	90	65	30	30	11	273	170	9	Rp 3/8	-	17
AE2N 25-ID		515											215				19
AE1N 50-ID	122	467	10	22	85	105	100	79	40	30	11	309	210	9	Rp 3/8	-	25
AE2N 50-ID		627											285				29
AE1N 100-ID	140	592	13	28	100	125	125	95	50	38	13	371	270	11,5	Rp 1/2	-	43
AE2N 100-ID		792											370				50
AE1N 200-ID	151	708	15	32	114	140	140	106	60	40	14	411	330	14	Rp 3/4	-	61
AE2N 200-ID		960											470				73
AE1N 380-ID	171	854	16	42	132	168	160	118	65	50	19	480	410	18	Rp 3/4	-	94
AE2N 380-ID		1160											590				116
AE1N 750-ID	190	1061	16	48	164	200	180	130	75	50	19	532	520	18	Rp 3/4	-	156
AE2N 750-ID		1461											780				190
AE1N 1450-ID	220	1315	21	60	200	245	225	158	90	63	23	644	640	22	Rp 1	-	270
AE2N 1450-ID		1820											980			1091	370
AE1N 2700-ID	266	1632	24	75	245	290	250	182	110	65	23	769	820	22	Rp 1	-	490
AE2N 2700-ID		2290											1250			1361	630
AE1N 5000-ID	320	1994	29	95	290	350	280	215	130	80	30	922	980	27	Rp 1	-	770

① Stator dismantling dimension

Possible branch positions as seen from the drive



② for size 25 not possible

Flange dimensions							
DIN 2501, PN 16 ⑤				ANSI B16.1/16.5, Class 125/150 ④			
DN ₁ /DN ₂	k ₁	d ₁	z	DN ₁ /DN ₂	k ₁	d ₁	z
40	110	18	4	1 1/2	98,4	15,9	4
50	125	18	4	2	120,6	19	4
65	145	18	4	2 1/2	139,7	19	4
80	160	18	8	3	152,4	19	4
100	180	18	8	4	190,5	19	8
125	210	18	8	5	215,9	22,2	8
150	240	22	8	6	241,3	22,2	8
200	295	22	12	8	298,4	22,2	8
250	355	26	12	10	361,9	25,4	12

Flange dimensions							
DIN 2501, PN 25 ⑦				ANSI B16.1, Class 250 ④			
DN ₁	k ₁	d ₁	z	DN ₁	k ₁	d ₁	z
65	145	18	4	2 1/2	149,2	22,2	8
80	160	18	8	3	168,3	22,2	8
100	190	22	8	4	200	22,2	8
125	220	26	8	5	234,9	22,2	8
150	250	26	8	6	269,9	22,2	12

Series Size	Companion dimensions for suction and outlet branch																	
	Flanges DIN 2501, PN 16						Flanges ANSI B16.1, Class 125 ④						Flanges ANSI B16.5, Class 150 ④					
	⑤ DN ₁	⑤ DN ₂	③ k	③ p	③ w	③ g	DN ₁	DN ₂	③ k	③ p	③ w	③ g	DN ₁	DN ₂	k	p	w	g
AE1N 25-ID AE2N 25-ID	40	40	609 735	336 462	41	175	1 1/2	1 1/2	606 732	333 459	38	172	1 1/2	1 1/2	609 735	336 462	41	175
AE1N 50-ID AE2N 50-ID	50	50	711 871	402 562	43	190	2	2	707 867	398 558	39	186	2	2	711 871	402 562	43	190
AE1N 100-ID AE2N 100-ID	65	65	867 1067	496 696	40	230	2 1/2	2 1/2	866 1066	495 695	39	229	2 1/2	2 1/2	871 1071	500 700	44	234
AE1N 200-ID AE2N 200-ID	80	80	1009 1261	598 850	44	260	3	3	1007 1259	596 848	42	258	3	3	1012 1264	601 853	47	263
AE1N 380-ID AE2N 380-ID	100	100	1184 1490	704 1010	41	300	4	4	1186 1492	706 1012	43	302	4	4	1186 1492	706 1012	43	302
AE1N 750-ID AE2N 750-ID	125	125	1425 1825	893 1293	44	350	5	5	1425 1825	893 1293	44	350	5	5	1425 1825	893 1293	44	350
AE1N 1450-ID AE2N 1450-ID	150	150	1746 2251	1102 1607	53	425	6	6	1746 2251	1102 1607	53	425	6	6	1746 2251	1102 1607	53	425
AE1N 2700-ID AE2N 2700-ID	200	200	2142 2800	1373 2031	62	485	8	8	2142 2800	1373 2031	62	485	8	8	2142 2800	1373 2031	62	485
AE1N 5000-ID	250	250	2604	1682	75	550	10	10	2604	1682	75	550	10	10	2604	1682	75	550

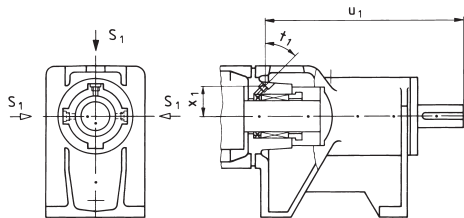
Series Size ③	Companion dimensions for suction and outlet branch (DIN)						Companion dimensions for suction and outlet branch (ANSI)					
	Flanges DIN 2501, PN 25 ⑦				Flanges DIN 2501, PN 16 ⑤		Flanges ANSI B16.1, Class 250 ④				Flanges ANSI B16.1, Class 125 ④	
	DN ₁	k ③	p ③	w ③	DN ₂	g ③	DN ₁	k ③	p ③	w ③	DN ₂	g ③
AE2N 100-ID	65	1072	701	45	65	230	2 1/2	1074	703	47	2 1/2	229
AE2N 200-ID	80	1266	855	49	80	260	3	1269	858	52	3	258
AE2N 380-ID	100	1496	1016	47	100	300	4	1500	1020	51	4	302
AE2N 750-ID	125	1831	1299	50	125	350	5	1836	1304	55	5	350
AE2N 1450-ID	150	2259	1615	61	150	425	6	2262	1618	64	6	425

③ for rubber-coating + 3 mm
④ Sealing surface: stock finish

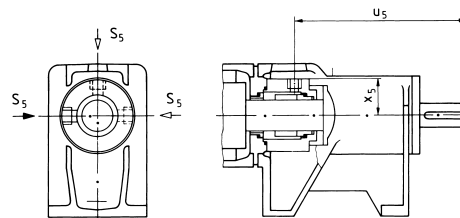
⑤ up to DN 100 sealing surface DIN 2526 shape C, machined as shape A
from DN 125 sealing surface DIN 2526 shape A

⑦ Sealing surface DIN 2526 shape C, machined as shape A
⑧ Pump outlet pressure p_d up to 25 bar.

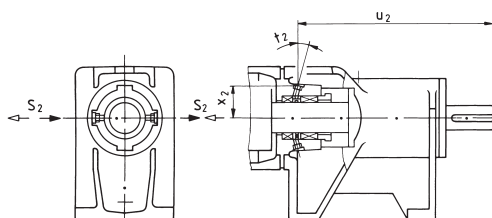
Arrangement of auxiliary connections for shaft seals



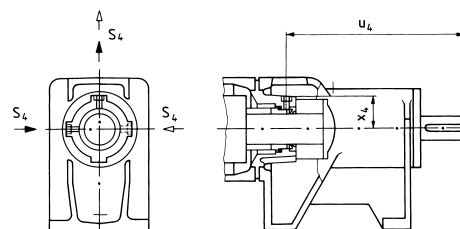
P02, P12 with flushing ring



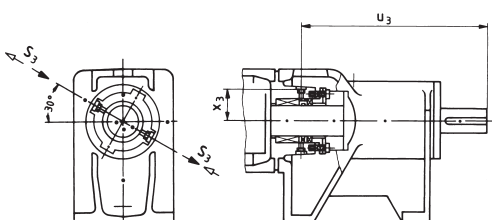
G0S/G0T, G1S/G1T with flushing connection



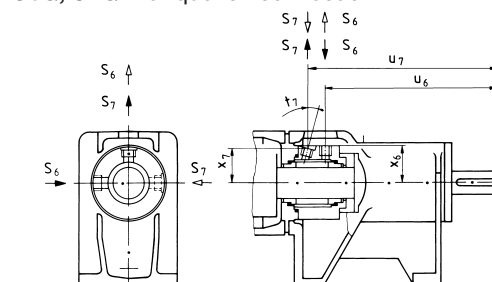
P03, P13 with internal sealing chamber ring



G0Q, G1Q with quench connection



P04, P14 with external sealing chamber ring



G0D, G1D with sealing connection

Series Size	Companion dimensions auxiliary connections for shaft seals										
	P02, P12 with flushing ring				P03, P13 with internal sealing chamber ring				P04, P14 with external sealing chamber ring		
	S ₁ ⑥	u ₁	x ₁	t ₁	S ₂ ⑥	u ₂	x ₂	t ₂	S ₃ ⑥	u ₃	x ₃
AE.N 25-ID	M 8 x 1	195,5	28	42°	M 8 x 1	188	30	20°	M 8 x 1	180,5	30,5
AE.N 50-ID	M 8 x 1	217	31,5	40°	M 8 x 1	211	32	20°	M 8 x 1	202,5	33,5
AE.N 100-ID	Rp 1/8	255	38	42°	Rp 1/8	248	40	17°	Rp 1/8	236	39,5
AE.N 200-ID	Rp 1/8	279	42	42°	Rp 1/8	272	44	17°	Rp 1/8	261	43,5
AE.N 380-ID	Rp 1/8	316	52	42°	Rp 1/8	307	54	17°	Rp 1/8	292,5	54,5
AE.N 750-ID	Rp 1/8	349	56	35°	Rp 1/8	338,5	57	13°	Rp 1/8	322,5	58
AE.N 1450-ID	Rp 1/4	416	67	35°	Rp 1/4	403	68,5	13°	Rp 1/4	383	69,5
AE.N 2700-ID	Rp 1/4	492	77	35°	Rp 1/4	474,5	79	13°	Rp 1/4	451	80
AE.N 5000-ID	Rp 1/4	588	94,5	35°	Rp 1/4	568,5	97	13°	Rp 1/4	542	97

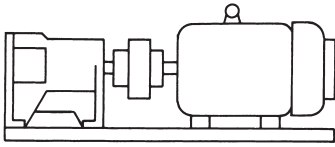
Series Size	Companion dimensions auxiliary connections for shaft seals												
	G0S/G0T, G1S/G1T with flushing connection			G0Q, G1Q with quench connection			G0D, G1D with sealing connection						
	S ₅ ⑥	u ₅	x ₅	S ₄ ⑥	u ₄	x ₄	S ₆ ⑥	S ₇ ⑥	u ₆	u ₇	x ₆	x ₇	t ₇
AE.N 25-ID	Rp 1/4	157	34	Rp 1/8	167	30,5	Rp 1/4	Rp 1/4	157	182,5	34	33	15°
AE.N 50-ID	Rp 1/4	179	38	Rp 1/8	187,5	30,5	Rp 1/4	Rp 1/4	179	204,5	38	36,5	15°
AE.N 100-ID	Rp 1/4	220,5	41,5	Rp 1/8	230	33,5	Rp 1/4	Rp 1/4	220,5	245,5	41,5	40	15°
AE.N 200-ID	Rp 3/8	241	48,5	Rp 1/8	255	41	Rp 3/8	Rp 3/8	241	266	48,5	47	15°
AE.N 380-ID	Rp 3/8	280	56	Rp 1/8	287	54	Rp 3/8	Rp 3/8	280	305,5	56	53,5	20°
AE.N 750-ID	Rp 3/8	297	61	Rp 1/8	315,5	57,5	Rp 3/8	Rp 3/8	297	337,5	61	58,5	20°
AE.N 1450-ID	Rp 3/8	364	71,5	Rp 1/4	375,5	68,5	Rp 3/8	Rp 3/8	364	406	71,5	69	22°
AE.N 2700-ID	Rp 3/8	440,5	81	Rp 3/8	446	79	Rp 3/8	Rp 3/8	440,5	479,5	81	78,5	20°
AE.N 5000-ID	Rp 3/8	527	98	Rp 3/8	542	96	Rp 3/8	Rp 3/8	527	576	98	95,5	25°

⑥ Screw hole DIN 3852, shape Z

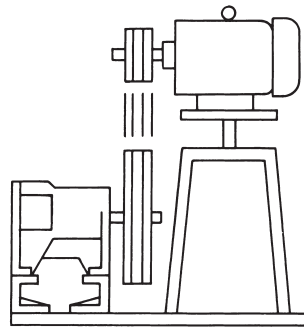
► **Standard supply**

- ▷ Possible supply, for these purposes, the sealing housing must be turned in case of designs P02/P12, G0S/G1S, G0T/G1T, G0Q/G1Q, G0D/G1D.

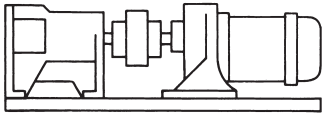
Driving possibilities



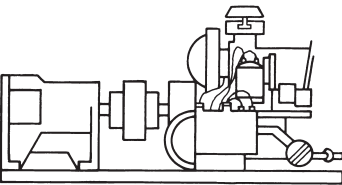
1 AE-ID with flexible coupling and motor



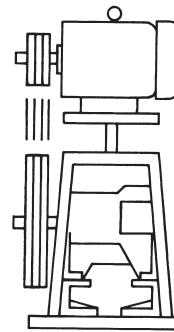
4 AE-ID with V-belt drive, rocker and motor arranged behind the pump



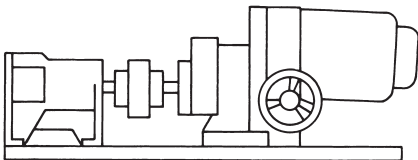
2 AE-ID with flexible coupling and geared motor



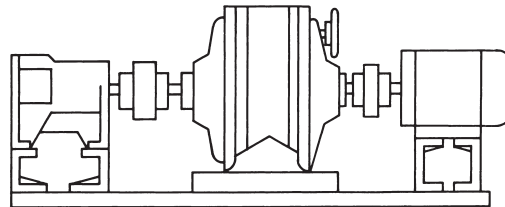
3 AE-ID with flexible coupling and combustion engine



5 AE-ID with V-belt drive, rocker and motor arranged above the pump



6 AE-ID with flexible coupling and infinitely variable gear



7 AE-ID with flexible coupling, gear or variable speed gear, flexible coupling and motor

Further driving variants (e.g. hydraulic or pneumatic drives) are possible.

Range of eccentric screw pumps	Series	Number of stages	Maximum output at $\Delta p = 0$ bar		Maximum del. pressure bar	Maximum viscosity mPa·s
			m ³ /h	l/min		
	AE.E-ID	1,2	450	7500	10	300.000
	AE.N-ID	1,2	290	4850	16	270.000
	AE.H-ID	2,4	174	2900	24	270.000
	AEB.E-IE	1,2	174	2900	6	300.000
	AEB.N-IE	1,2	111	1850	12	270.000
	AEB4H-IE	4	12	200	24	270.000
	AED.E-ID	1	720	12000	8	250.000
	AED.N-ID	2	450	7500	16	225.000
	AEDB.E-IE	1	258	4300	6	250.000
	AEDB.N-IE	2	174	2900	12	225.000
	AE.N...-RG	1,2,4	30	500	20	1.000.000
	TECFLOW	1	186	3100	4	200.000
	SEZP	1,2	21	350	10	1.000.000
	SNZP	1,2	45	750	12	1.000.000
	SNZBP	1,2	45	750	12	1.000.000
	SSP	1,2	48	800	12	150.000
	SSBP	1,2	48	800	12	150.000
	SETP ①	1,2	140	2350	10	300.000
	SETBP	1,2	40	670	10	150.000
	SEFBP	1	40	670	6	150.000
	SMP	1	40	670	6	150.000
	SMP2	1	5,5	92	6	11.500
	AFP	1	2,8	47	6	50.000
	ANP	2	2,5	42	12	20.000
	ANBP	2	2,5	42	12	20.000
	ASP	2	2,5	42	12	20.000
	ASBP	2	2,5	42	12	20.000
	ADP	3	0,6	10	12	20.000
	ADBP	3	0,6	10	12	20.000
	ACNP	1,2	29	480	12	150.000
	ACNBP	1,2	29	480	12	150.000

① Special versions for higher pressures available.

Peristaltic range	Series	Maximum output		Maximum del. pressure bar	Maximum viscosity mPa·s
		m ³ /h	l/min		
	ASL	2,4	40	4	100.000
	ASH	60	1000	15	100.000

Macerator range	Series	Maximum throughput m ³ /h	Generated delivery head
			m
	AM ... S-1	80 at 3 % solids	3
	ABM ... S-1	80 at 3 % solids	3
	AM ... I-1	160 at 3 % solids	-
	ABM ... I-1	80 at 3 % solids	-

Accessories

Pump accessories: Stator setting devices, electrical heaters, bridge breakers.

Drivers: Electric motors, geared motors, variable speed transmissions, reduction gearboxes, internal combustion engines, pneumatic and hydraulic drives.

Transmission components: Couplings, V-belt transmissions, toothed belt transmissions, other types of transmission.

Base plates: Standard and special versions, wheeled trolleys, mounting flanges.

Safety arrangements: Bypass lines with safety or regulating valves, systems to guard against dry running (conductive, capacitive, thermal etc.).

Other accessories: Electrical, hydraulic and pneumatic control arrangements, filter systems, metering equipment, seal liquid and circulating systems for shaft seals, valves, flanges, flexible pipes.

Subject to technical alterations.



A Member of the
COLFAX PUMP GROUP

ALLWEILER AG
Business Unit Eccentric Screw Pumps
Postfach 200123 · 46223 Bottrop
Kirchhellener Ring 77-79 · 46244 Bottrop
Germany
Tel. +49 (0)2045 966-60
Fax +49 (0)2045 966-679
E-mail: service-ge@allweiler.de
Internet: http://www.allweiler.com