



Bekenflo

BEST OEM

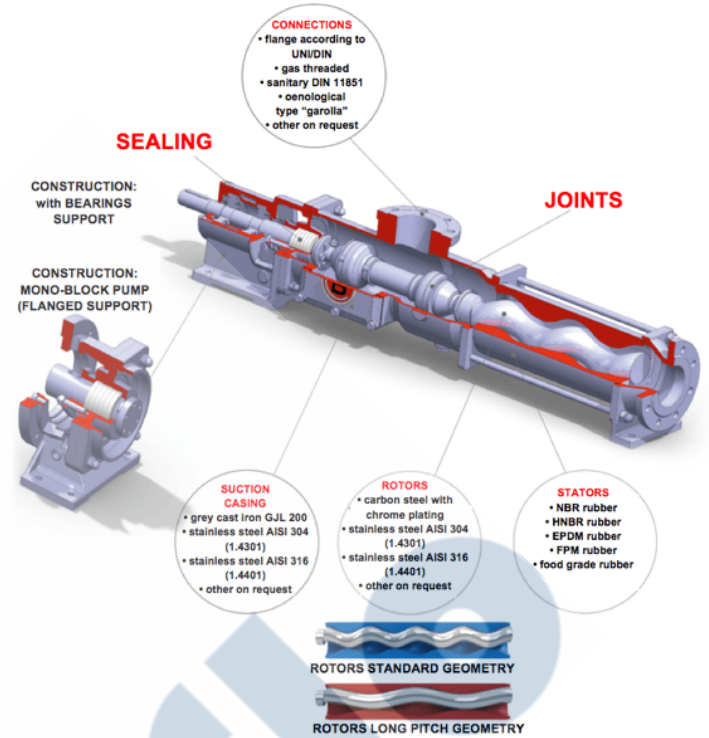
INNOVATION

CATALOGUE 2020

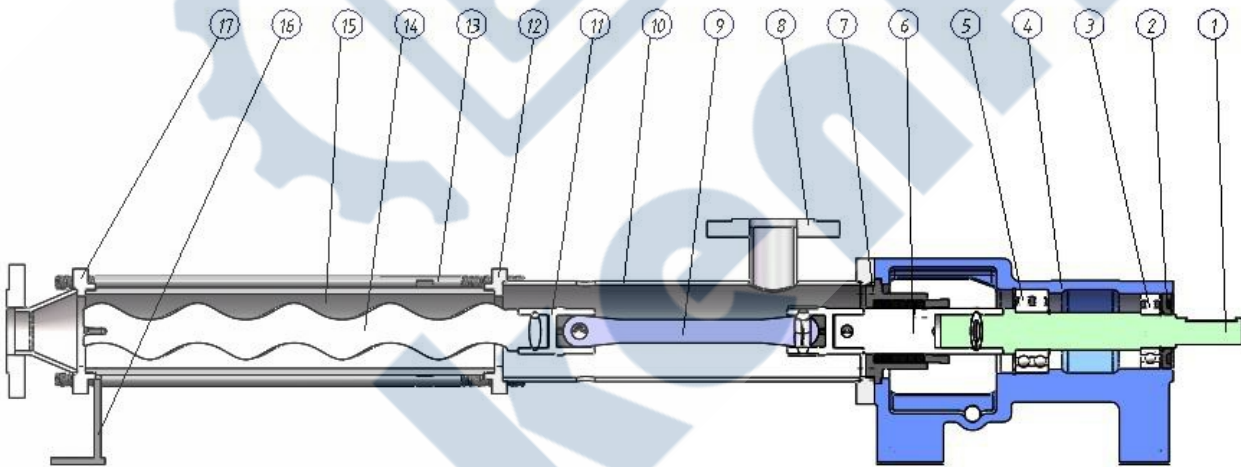
BKD Mono screw pump

Applications:

Energy and Environment
 Water and waste water Treatment
 Pulp and Paper
 Mining and Minerals
 Chemical/Biochemical Industry
 Oil and Gas
 Dyeing industry
 Food, brewery and beverage Industry
 Agriculture industry and solutions
 Sugar Industry
 Wood Processing
 Construction industry
 Other industrial solutions



structure diagram



item	name	item	Name	item	Name
1	Shaft	7	Gland packing	13	Bar
2	Oil seal	8	Suction flange	14	Rotor
3	Bearing	9	Connected pole	15	Stator
4	Bearing housing	10	Suction chamber	16	Support
5	Heavy duty bearing	11	Cardan joint	17	Replease chamber
6	Connected shaft	12	Front flange		

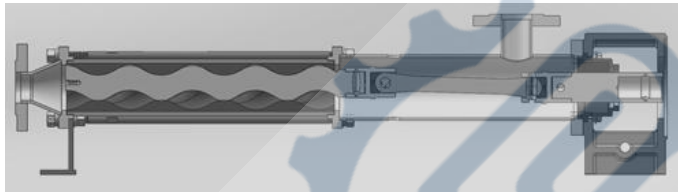
Features:

1. Wide flow and pressure range: maximum flow up to 400m³/h, conventional pressure up to 4.8mpa, special design pressure up to 10MPa
2. high viscosity is up to 1000000 cm.
3. the maximum suction is up to 7.5 meters.

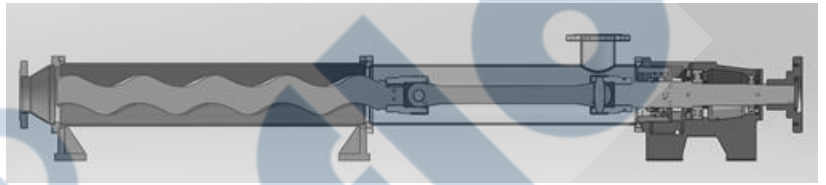
The surface roughness of stator and stator core die has reached 0.4, which is the highest level in the industry, ensuring the surface roughness and reducing friction.

The installation method.

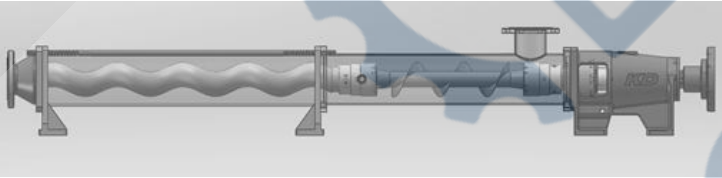
A



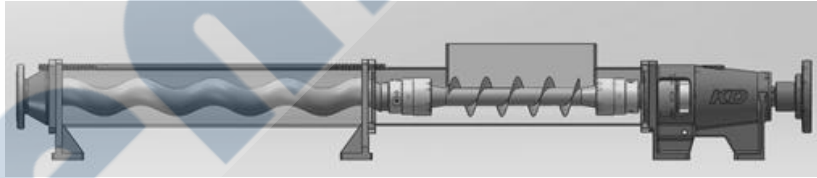
B



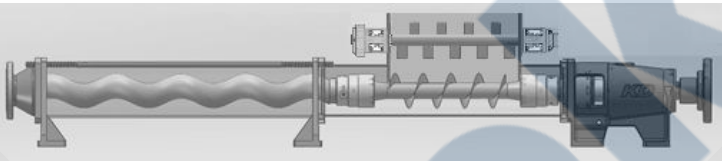
C



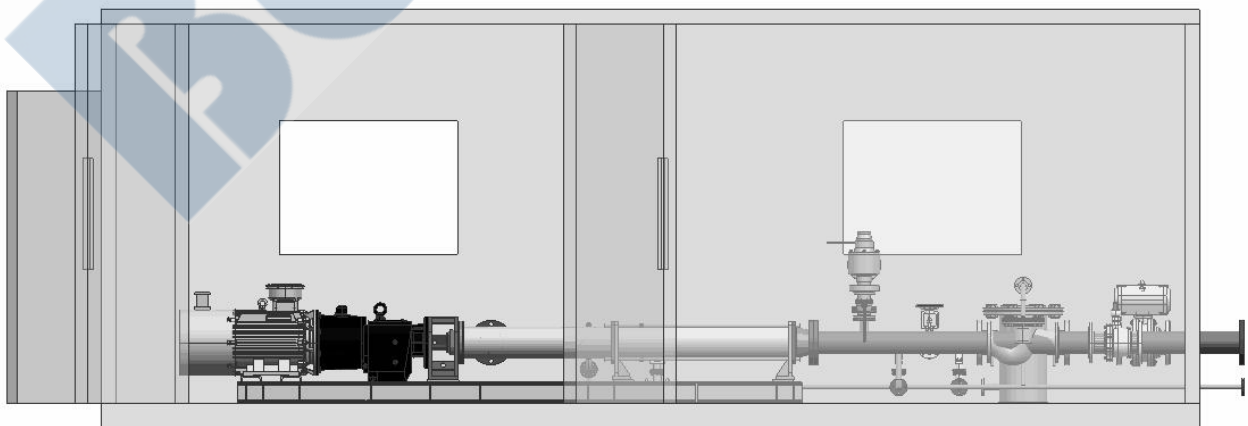
D



E



F



material combination	rotor	stator	Flow passage components
	40Cr	NBR	40Cr/45
	1Cr18Ni9Ti	NBR	1Cr18Ni9Ti/304
	304	food-rubber	304
	304	EPDM	304
	1Cr18Ni9Ti	EPDM	1Cr18Ni9Ti/304
	45	FBR	45
	1Cr18Ni9Ti	FBR	1Cr18Ni9Ti/304
	2Cr13	NBR	1Cr18Ni9Ti/2Cr13
	316L	NBR	316L/304
	S31803	FBR	S31803/316L

0.6MPa							
L series	100rpmQth (m ³ /h)	Speed(max) (rpm)	Flow (m ³ /h)	Shaft power (Kw)	Ordinary speed (rpm)	Flow (m ³ /h)	Shaft power (Kw)
102	0.11	2200	1.7	0.7	1450	1.1	0.5
103	0.32	1650	3.7	1.6	1100	2.4	1.1
104	0.93	1050	7.0	2.5	700	4.5	1.7
107	2.62	750	14.0	5.1	550	10.0	3.8
108	4.35	650	20.9	7.2	450	14.1	5.0
110	7.38	550	30.1	10.3	400	21.3	7.5
112	12.26	450	43.1	13.9	300	28.0	9.3
115	20.61	350	56.3	18.1	250	39.2	13.0
118	34.62	300	81.0	26.1	200	52.6	17.5
121	57.99	250	118.9	34.7	180	82.5	23.6
125	97.64	225	180.2	48.9	160	123.4	35.6
129	166.11	200	272.4	72.8	140	183.7	50.2
130	257.02	175	368.9	96.6	120	243.7	62.5

1.2MPa							
N series	100rpmQth (m ³ /h)	Speed(max) (rpm)	Flow (m ³ /h)	Shaft power (Kw)	Ordinary speed (rpm)	Flow (m ³ /h)	Shaft power (Kw)
102	0.06	2200	0.9	0.6	1450	0.6	0.4
103	0.16	1600	1.9	1.2	1100	1.2	0.8
104	0.46	1050	3.5	2.2	700	2.2	1.4
107	1.31	750	7.3	3.9	550	5.1	2.8
108	2.20	650	10.6	5.6	450	6.9	3.8
110	3.69	550	16.1	8.0	400	10.6	5.5
112	6.23	450	22.2	11.0	300	13.5	6.9
115	10.44	350	28.9	14.4	250	18.8	9.6
118	17.54	300	43.2	20.3	200	26.7	12.9
121	29.41	250	60.3	28.3	180	40.3	19.4
125	49.49	225	94.7	42.1	160	62.6	28.6
129	83.05	200	141.2	62.8	140	91.9	41.9
130	128.50	175	191.2	85.0	120	121.8	55.6

1.8MPa							
N series	100rpmQth (m ³ /h)	Speed(max) (rpm)	Flow (m ³ /h)	Shaft power (Kw)	Ordinary speed (rpm)	Flow (m ³ /h)	Shaft power (Kw)
102	0.06	2200	0.9	0.9	1450	0.6	0.6
103	0.16	1600	1.8	1.8	1100	1.2	1.2
104	0.46	1050	3.3	3.2	700	2.2	2.1
107	1.31	750	7.0	5.6	550	5.0	4.0
108	2.20	650	10.2	8.0	450	6.8	5.7
110	3.69	550	15.0	11.2	400	10.5	8.1
112	6.23	450	20.8	16.3	300	13.3	10.3
115	10.44	350	27.1	21.4	250	18.5	14.4
118	17.54	300	40.5	29.8	200	26.0	20.1
121	29.41	250	56.6	40.0	180	39.2	27.8
125	49.49	225	89.1	62.1	160	61.8	43.1
129	83.05	200	132.9	92.6	140	90.7	62.4
130	128.50	175	179.9	125.1	120	120.3	82.7

2.4MPa							
N series	100rpmQth (m ³ /h)	Speed(max) (rpm)	Flow (m ³ /h)	Shaft power (Kw)	Ordinary speed (rpm)	Flow (m ³ /h)	Shaft power (Kw)
102	0.06	2200	0.9	1.2	1450	0.6	0.8
103	0.16	1600	1.8	2.4	1100	1.2	1.5
104	0.46	1050	3.2	4.2	700	2.1	2.7
107	1.31	750	6.9	7.6	550	5.0	5.4
108	2.20	650	10.0	10.6	450	6.8	5.7
110	3.69	550	14.9	14.9	400	10.5	10.4
112	6.23	450	20.3	21.7	300	13.3	14.2
115	10.44	350	26.8	28.5	250	18.5	19.1
118	17.54	300	39.3	39.7	200	25.9	26.2
121	29.41	250	55.5	53.1	180	39.2	37.2
125	49.49	225	88.0	82.8	160	61.7	57.9
129	83.05	200	130.8	123.0	140	90.5	84.8
130	128.50	175	177.2	165.6	120	120.0	111.5



Brands interchangeable:

Sulzer APP/AUP/CPT/MBN/MC/ZE,
Andritz ACP/MC, Godwin, Pioneer, KSB, Goulds 3196,
Durco Mark III, Gorman-rupp. Monoyo/Seepex/Netzsch,
Warman AH, Flowserve LC, Tsurumi pump, etc.



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