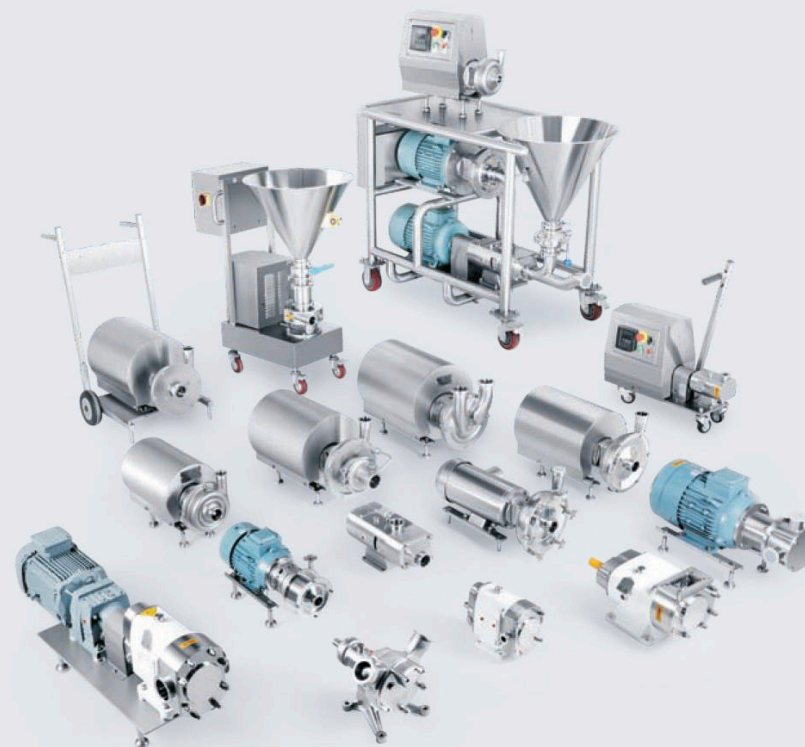




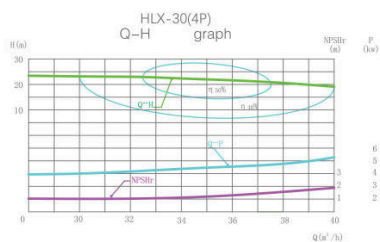
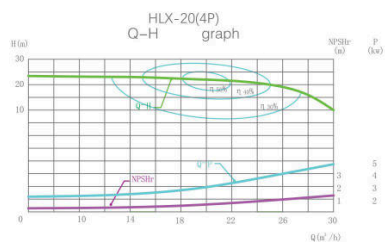
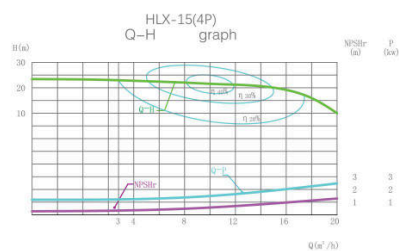
Beluno pumps



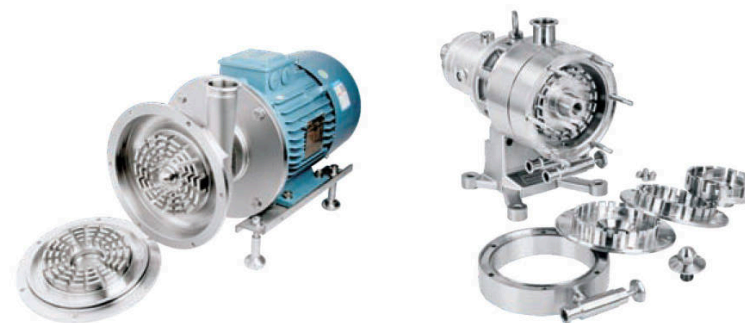
BELUNO



Centrifugal pump series



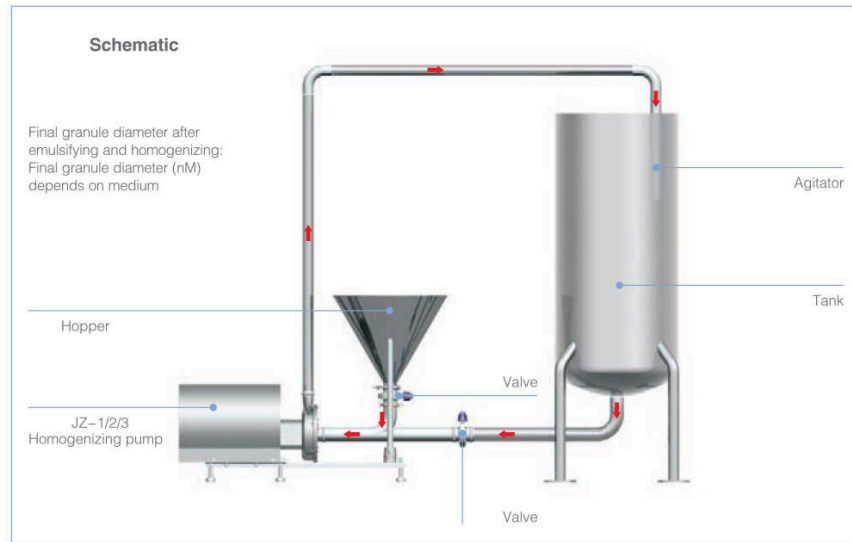
Emulsifying homogenizing pump



JZ-1 Series

JZ-2/3 Series

Emulsifying homogenizing pump

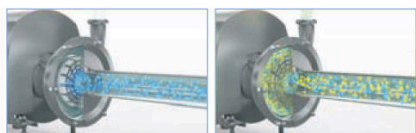


Typical application



DJ-JZ1 series emulsifying homogenizing pump

Solution for high-efficiency, dispersion, cut, refinement, smash, emulsification, mixing, homogenization, high purity



Technical Specifications

Max flow	50m ³ /h
Max power	75KW
Temperature	-20°C to 140°C
Media refinement	≤ 60 GRIT (= 300 μm) ≤ 60目(= 300 μm)
Material	304 / 316L, 1.431/1.4404, ASME BPE 316L, 1.4435 NB2 Fe ≤ 0.5% Dual-phase steel 2205, Hastelloy alloy C276
Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, ≤ Ra0.4 μm
Mechanical seal	Single and double mechanical seal
Mechanical seal combination	See configuration table
Inlet/Outlet connection	Thread, clamp, flange, Aseptic flange
Certification	3-A-36-01(N.O.3751); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004



Single stage emulsifying homogenizing pump selection table

Model	Viscosity (CPS)	Power(kw)	Flow(m ³ /h)	Outlet pressure (bar)	Rotate speed (r/min)	Inlet/Outlet	Weight (kg)
DJ-JZ1-130	≤ 200	2.2	8.0	≤ 1.5bar	2950	1.5" /1.5" DN40/DN40	43.0
	≤ 500	5.5					74.0
	≤ 800	7.5					78.0
	≤ 1000	3.0	4.0		1450	1.5" /1.5" DN40/DN40	55.0
	≤ 2000	5.5					77.0
	≤ 3000	7.5					88.0
	≤ 3000	3.0	2.7		950	1.5" /1.5" DN40/DN40	75.0
	≤ 5000	5.5					97.0
	≤ 7000	7.5					133.0
	≤ 200	4.0	12.0	≤ 1.5	2950	2" /1.5" DN50/DN40	66.0
DJ-JZ1-150	≤ 250	5.5					84.0
	≤ 350	7.5					88.0
	≤ 500	11.0					132.0
	≤ 500	3.0					65.0
	≤ 1000	5.5	6.0		1450	2" /1.5" DN50/DN40	87.0
	≤ 1500	7.5					98.0
	≤ 2000	11.0					140.0
	≤ 1000	3.0	4.0		950	2" /1.5" DN50/DN40	85.0
	≤ 2000	5.5					107.0
	≤ 3000	7.5					143.0
DJ-JZ1-170	≤ 5000	11.0	15	≤ 1.5	2950	2.5" /2" DN65/DN50	163.0
	≤ 100	4.0					80.0
	≤ 200	7.5					102.0
	≤ 300	11.0					146.0
	≤ 500	18.5					167.0
	≤ 300	3.0	7.5		1450	2.5" /2" DN65/DN50	79.0
	≤ 600	5.5					101.0
	≤ 800	7.5					112.0
	≤ 1000	11.0					154.0
	≤ 1500	15.0					169.0
	≤ 2000	18.5	5.5		950	2.5" /2" DN65/DN50	199.0
	≤ 1000	4.0					107.0
	≤ 2000	7.5					157.0
	≤ 3000	11.0					177.0
	≤ 4000	15.0					212.0
	≤ 5000	22.0					263.0

DJ-JZ1 series emulsifying homogenizing pump

Single stage emulsifying homogenizing pump selection table

Model	Viscosity (CPS)	Power(kw)	Flow(m³/h)	Outlet pressure (bar)	Rotate speed (r/min)	Inlet/Outlet	Weight (kg)
DJ-JZ1-190	≤120	7.5	25.0	≤1.5	2950	2.5"/2.5" 3"/2.5"	107.0
	≤200	11.0					151.0
	≤320	22.0					199.0
	≤500	30.0	12.5	≤1.5	1450	2.5"/2.5" 3"/2.5"	247.0
	≤500	7.5					117.0
	≤700	11.0					159.0
	≤1000	15.0	8.3	≤1.5	950	2.5"/2.5" 3"/2.5"	174.0
	≤1300	22.0					217.0
	≤1800	30.0					271.0
	≤1000	7.5					162.0
	≤2000	15.0					217.0
	≤3000	22.0					268.0
DJ-JZ1-210	≤4000	30.0	40.0	≤1.5	2950	3"/2.5" DN80/65	331.0
	≤5000	37.0					385.0
	≤120	11.0					167.0
	≤220	22.0					215.0
	≤320	30.0					263.0
	≤500	37.0					294.0
	≤500	11.0	20.0	≤1.5	1450	3"/2.5" DN80/65	175.0
	≤700	15.0					190.0
	≤1000	22.0					233.0
	≤1500	30.0					287.0
	≤2000	45.0					355.0
	≤800	7.5	13.3	≤1.5	950	3"/2.5" DN80/65	178.0
	≤1200	11.0					198.0
	≤1500	15.0					233.0
	≤2000	18.5					270.0
	≤3000	30.0					347.0
	≤4000	37.0					401.0
DJ-JZ1-240	≤5000	45.0	65.0	≤1.5	2950	4"/3" DN100/80	581.0
	≤120	15.0					167.0
	≤150	22.0					202.0
	≤200	30.0					250.0
	≤300	45.0					325.0
	≤400	55.0					386.0
	≤500	75.0	32.5	≤1.5	1450	4"/3" DN100/80	598.0
	≤300	11.0					162.0
	≤500	18.5					207.0
	≤800	30.0					274.0
	≤1000	37.0					315.0
	≤1500	55.0					391.0
	≤500	7.5	21.7	≤1.5	950	4"/3" DN100/80	165.0
	≤800	11.0					185.0
	≤1000	15.0					220.0
	≤1500	22.0					271.0
	≤2000	30.0					334.0
	≤4000	45.0					568.0
	≤5000	75.0					774.0



Mobile+control box+hopper



Mobile+control box+homogenizing pump



Mobile homogenizing pump



Mobile homogenizer pump+R-type tee inlet

DJ-JZ series multi-stage emulsifying homogenizing pump



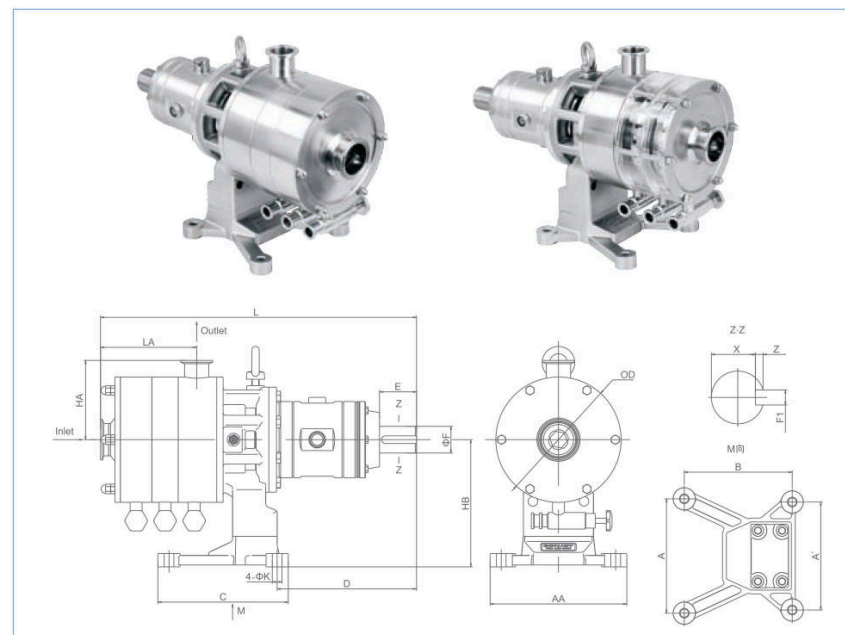
High-efficiency dispersion, cut, refinement, smash, emulsification, mixing, homogenization, high purity solution

Very simple maintenance, no special tools required, no professionals required



Technical Specifications

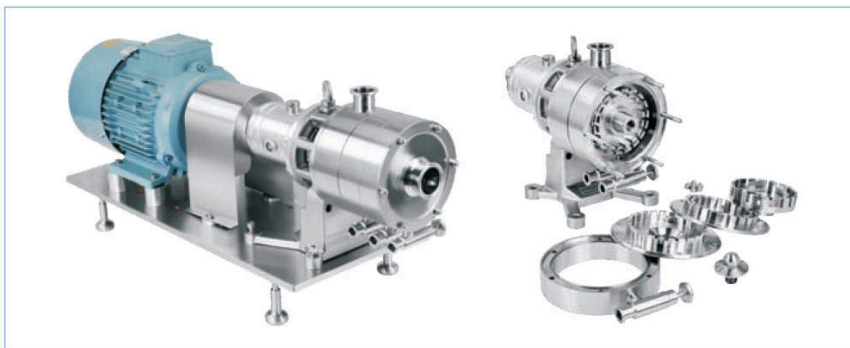
Max flow	50m ³ /h		
Max power	160KW		
Max temperature	-20°C to 140°C		
Material	304/316L, 1.431/1.4404, ASME BPE 316L, 1.4435 NB2 Fe≤0.5% Dual-phase steel 2205, Hastelloy alloy C276		
Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, ≤ Ra0.4 μm		
Mechanical seal	Single and double mechanical seals		
Mechanical seal combination	See configuration table		
Inlet/outlet connection	Thread, clamp, flange, Aseptic flange		
Certification	3-A-02-12(N.O.1579); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EQ/VO1935/2004		



Model	(Inlet)	(Outlet)	A	A'	B	C	AA	K	D	E	F	L	LA	HA	HB	OD	F1	X	Z
JZ2-130	2"/2.5"	1.25"/1.5"	180	170	170	205	215	13	219.2	58.2	42	455.4	109.7	133.7	200	197	12	35	7
JZ2-150	2"/2.5"	1.5"/DN40	180	170	170	205	215	13	219.2	58.2	42	466.7	101.7	133.7	200	217	12	35	7
JZ2-170	2.5"	2"/DN50	180	170	170	205	215	13	220.2	58.2	42	482.7	124.7	156.2	200	237	12	35	7
JZ2-190	DN65/3"	2"/2.5"	235	220	250	290	275	13	213.2	65.2	48	505.8	129.7	171.2	257	257	14	42.5	5.5
JZ2-210	3"/DN80	2.5"/DN65	235	220	250	290	275	13	244.2	96.2	48	546.8	136.7	184.2	257	283	14	42.5	5.5
JZ2-240	4"/DN100	3"/DN80	235	220	250	290	275	13	244.2	96.2	48	571.7	153.8	199.2	257	313	14	42.5	5.5

Model	(Inlet)	(Outlet)	A	A'	B	C	AA	K	D	E	F	L	LA	HA	HB	OD	F1	X	Z
JZ3-130	2"/2.5"	1.25"/1.5"	180	170	170	205	215	13	219.2	58.2	42	496.7	151.2	133.7	200	197	12	35	7
JZ3-150	2"/2.5"	1.5"/DN40	180	170	170	205	215	13	219.2	58.2	42	509.2	144.2	133.7	200	217	12	35	7
JZ3-170	2.5"	2"/DN50	180	170	170	205	215	13	220.2	58.2	42	525.2	167.2	156.2	200	237	12	35	7
JZ3-190	DN65/3"	2"/2.5"	235	220	250	290	275	13	213.2	65.2	48	550.3	174.2	171.2	257	257	14	42.5	5.5
JZ3-210	3"/DN80	2.5"/DN65	235	220	250	290	275	13	244.2	96.2	48	593.3	183.2	184.2	257	283	14	42.5	5.5
JZ3-240	4"/DN100	3"/DN80	235	220	250	290	275	13	244.2	96.2	48	623.2	205.3	199.2	257	313	14	42.5	5.5

DJ-JZ series multi-stage emulsifying homogenizing pump



DJ-JZ2 series multi-stage emulsifying homogenizing pump selection table (without motor)

Model	Viscosity (CPS)	Flow(m³/h)	Outlet pressure (bar)	Rotate speed (r/min)	Inlet/Outlet	Weight (kg)
DJ-JZ2-130	≤1500	8.0	1.5	2950	1.5"/1.5"-1.25" DN40/DN40-32	49
	≤3500	4.0	1.5	1450		
	≤6000	2.7	1.5	950		
DJ-JZ2-150	≤700	12.0	2.0	2950	2"/1.5" DN50/40	54
	≤3000	6.0	2.0	1450		
	≤5000	4.0	2.0	950		
DJ-JZ2-170	≤1000	15.0	2.0	2950	2.5"/2" DN65/50	57
	≤3000	7.5	2.0	1450		
	≤5000	5.0	2.0	950		
DJ-JZ2-190	≤500	25.0	2.0	2950	2.5"/2.5" 3"/2.5	78
	≤3000	12.5	2.0	1450		
	≤5000	8.3	2.0	950		
DJ-JZ2-210	≤900	40.0	2.0	2950	3"/2.5" DN80/65	89
	≤2700	20.0	2.0	1450		
	≤5000	13.3	2.0	950		
DJ-JZ2-240	≤550	65.0	2.0	2950	4"/3" DN100/80	104
	≤2300	32.5	2.0	1450		
	≤6000	21.7	2.0	950		



DJ-JZ3 series multi-stage emulsifying homogenizing pump selection table (without motor)

Model	Viscosity (CPS)	Flow(m³/h)	Outlet pressure (bar)	Rotate speed (r/min)	Inlet/Outlet	Weight (kg)
DJ-JZ3-130	≤1500	8.0	≤1.5	2950	1.5"/1.5"-1.25" DN40/DN40-32	56
	≤3500	4.0	1	1450		
	≤6000	2.7	1	950		
DJ-JZ3-150	≤700	12.0	≤1.5	2950	2"/1.5" DN50/40	62
	≤3000	6.0	1.0	1450		
	≤5000	4.0	1.0	950		
DJ-JZ3-170	≤1000	15.0	≤1.5	2950	2.5"/2" DN65/50	67
	≤3000	7.5	1.0	1450		
	≤5000	5.0	1.0	950		
DJ-JZ3-190	≤500	25.0	≤1.5	2950	2.5"/2.5" 3"/2.5	88
	≤3000	12.5	1.0	1450		
	≤5000	8.3	1.0	950		
DJ-JZ3-210	≤900	40.0	≤1.5	2950	3"/2.5" DN80/65	102
	≤2700	20.0	1.0	1450		
	≤5000	13.3	1.0	950		
DJ-JZ3-240	≤550	65.0	≤1.5	2950	4"/3" DN100/80	120
	≤2300	32.5	1.0	1450		
	≤6000	21.7	1.0	950		

JZLX series emulsifying homogenizing pump



Centrifugal JZLX Homogenizing Pump-2025 Model Selection Table

Model	Power	Flow(m³/h)	Head(M)	Inlet/Outlet
DJ-JZLX-15	1.5KW	5	18	2"/1.5"
	2.2KW	10	15	
	3.0KW	15	12	
DJ-JZLX-20-1	2.2KW	5	25	2"/2"
	3.0KW	5	25	
	4.0KW	10	24	
	4.0KW	15	22	2.5"/2"
	4.0KW	20	20	
	5.5KW	25	19	
DJ-JZLX-20-2	5.5KW	30	15	2"/2"
	5.5KW	15	26	
	5.5KW	20	25	
	5.5KW	25	24	2.5"/2"
	5.5KW	30	22	
DJ-JZLX-25	7.5KW	35	20	2.5"/1.5"
	4.5KW	5	35	
	5.5KW	10	33	
DJ-JZLX-30	5.5KW	15	30	2.5"/1.5"
	5.5KW	10	38	
	7.5KW	15	35	
	7.5KW	20	30	3"/2"
	7.5KW	25	28	
DJ-JZLX-35-1	11KW	10	45	3"/1.5"
	11KW	15	45	
	11KW	20	40	
	11KW	25	40	3"/2"
	11KW	30	37	
	15KW	35	34	
	15KW	40	30	
DJ-JZLX-30	15KW	15	48	3"/1.5"
	15KW	20	46	
	15KW	25	46	
	15KW	30	45	3"/2"
	18.5KW	40	38	
	11KW	50	27	
DJ-JZLX-35-1	15KW	60	25	3"/2.5"
	15KW	70	23	
	18.5KW	70	23	
	15KW	50	32	3"/2.5"
	18.5KW	60	30	
	22KW	70	28	4"/3"

PMZX series mixing pump

Solution for emulsification, homogenization, refining, mixing, adjustable, multi-tasking, mixing powder and liquid



The PM series mixing pump is for mixing material and liquid with multi-functions, such as mixing, shearing, emulsifying, homogenizing, dispersing, refining, crushing and material improvement. Compared with the traditional production process, the pump is more simple, convenient and economical, which improves the production efficiency and the quality of treated materials.

Typical application: food, beverage, dairy products, additives, personal care, biopharma, thickeners, industrial applications, etc.

