

Technical specifications

Material and options

Product wetted steel parts (MoC)	1.4404 (AISI 316L Stainless Steel)
Wetted parts surface finish	R _a up to 1.6 µm
Other parts & Motor Shroud	1.4301 (AISI 304 Stainless Steel)
Product wetted elastomers	EPDM / FPM
Rotary seal face	Carbon / SiC
Stationary seal face	SiC / SS
End connection	DIN / TC / SMS

Motor

3Ø, 2 poles, IP55 as per IEC standard, insulation class F, 50 Hz, TEFC

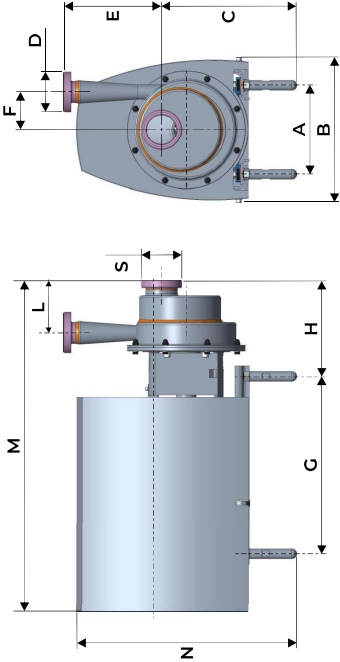
Operating Data

Pressure and temperature

Maximum inlet pressure	up to 1000 kPa (10 bar)
Temperature range	-10°C to +140°C

Application

CIP return application at Dairy, Food, Beverage, Brewery, Personal care and Pharma



Standard Dimensions

MODEL	POWER hp	FRAME Size	A	B	C	E	F	G	H	L	M	N	S	D	Wt (Kgs.)
			Inch	mm										Inch	
CLASP-10-146	1.5	80	125	250	250	145	75	230	216	102	554	370	2"	2"	43
	2	90S	140	250	270	145	75	310	204.5	102	604	390	2"	2"	46
	3	90L	140	250	270	145	75	310	179.5	102	604	390	2"	2"	50
	2	90S	140	266	279	172	73.5	310	245.5	159	692	415	2.5"	2"	55
CLASP-20-150	3	90L	140	266	279	172	73.5	310	245.5	159	692	415	2.5"	2"	59
	4	100	160	286	309	172	73.5	375	263	159	725	440	2.5"	2"	81
	5	100	160	286	309	172	73.5	375	263	159	725	440	2.5"	2"	82
	5.5	112	190	320	301	172	73.5	375	270	159	765	490	2.5"	2"	84
CLASP-25-190	4	100	160	286	315	237	92	375	255	126	717	451	3"	3"	86
	5	100	160	286	315	237	92	375	255	126	717	451	3"	3"	87
	5.5	112	190	305	307	237	92	375	262	126	757	486	3"	3"	89
	7.5	132S	216	339	327	237	92	430	233	126	802	532	3"	3"	117
	10	132S	216	339	327	237	92	430	233	126	802	532	3"	3"	122

Shear Pump

IDMC Shear pumps are efficient and rapid in operation and are capable of disintegrating the particles in fluids. The requirement of particle size reduction is achieved with the use of rapidly interchangeable workheads.

It is effectively used to break curd for making butter milk/drinking yoghurt, in circulation.

Inherent Features

Interchangeable workheads

Hygienic construction

Easy maintenance

Lower power requirements

Reduces particle size

Rapidly dissolves solids

Options of both, single as well as double mechanical seals with ease of interchangeably

Can be connected with feed pump for milk powder reconstitution

