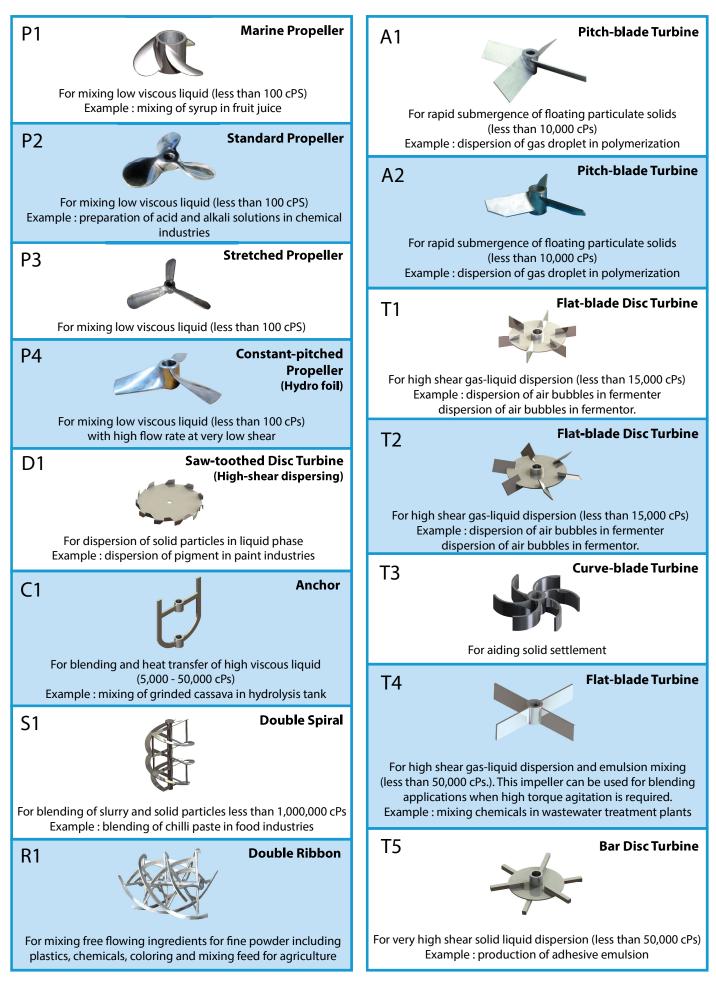
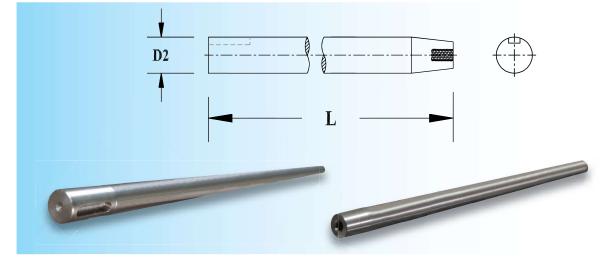


Lambda Agitator Impellers





Agitator Shaft (Type : S-3) Solid Shaft

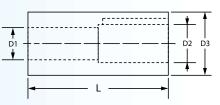


	Dimension m)	Part Number	Approx. Total Weight
D2	L		(kg)
	250	S3x012A-R0250	0.23
	300	S3x012A-R0300	0.28
	350	S3x012A-R0350	0.32
12	400	S3x012A-R0400	0.37
	450	S3x012A-R0450	0.41
	500	S3x012A-R0500	0.46
	250	S3x016A-R0250	0.41
	300	S3x016A-R0300	0.49
	350	S3x016A-R0350	0.57
16	400	S3x016A-R0400	0.65
10	450	S3x016A-R0450	0.73
	500	S3x016A-R0500	0.81
	450	S3x019A-R0450	1.03
	500	S3x019A-R0500	1.14
	550	S3x019A-R0550	1.25
19	600	S3x019A-R0600	1.37
	650	S3x019A-R0650	1.48
	750	S3x019A-R0750	1.71
	500	S3x025A-R0500	1.97
	550	S3x025A-R0550	2.16
	600	S3x025A-R0600	2.36
	650	S3x025A-R0650	2.56
	750	S3x025A-R0750	2.95
	950	S3x025A-R0950	3.74
25	1,000	S3x025A-R1000	3.93
	1,100	S3x025A-R1100	4.32
	1,250	S3x025A-R1250	4.91
	750	S3x032A-R0750	4.83
	800	S3x032A-R0800	5.15
	900	S3x032A-R0900	5.80
	950	S3x032A-R0950	6.12
	1,000	S3x032A-R1000	6.44
	1,100	S3x032A-R1100	7.08
32	1,250	S3x032A-R1250	8.05
	1,350	S3x032A-R1350	8.69
	1,500	S3x032A-R1500	9.66

Agitator Coupling







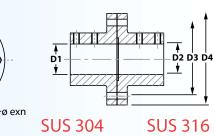
Type : C-1

SUS 304

SUS 316

A	pprox. Dime	ension (mm	.)	Part Number	De ut Nicces la eu
D1	D2	D3	L	Part Number	Part Number
11	12	20	46	C1T011A-xxx04	C1U011A-xxx04
14	16	25	60	C1T014A-xxx05	C1U014A-xxx05
19	19	32	80	C1T019A-xxx06	C1U019A-xxx06
20	19	32	80	C1T020A-xxx08	C1U020A-xxx08
24	25	38	100	C1T024A-xxx08	C1U024A-xxx08
25	25	38	100	C1T025A-xxx08	C1U025A-xxx08
28	25	25 44 120		C1T028A-xxx08	C1U028A-xxx08
30	32	44	120	C1T030A-xxx08	C1U030A-xxx08
35	35	50	140	C1T035A-xxx10	C1U035A-xxx10
38	38	55	160	C1T038A-xxx10	C1U038A-xxx10
40	38	55	160	C1T040A-xxx12	C1U040A-xxx12
42	44	60	180	C1T042A-xxx12	C1U042A-xxx12
45	44	60	180	C1T045A-xxx14	C1U045A-xxx14
48	50	75	200	C1T048A-xxx14	C1U048A-xxx14
50	57	75	200	C1T050A-xxx14	C1U050A-xxx14
60	63	80	240	C1T060A-xxx18	C1U060A-xxx18
70	69	90	280	C1T070A-xxx20	C1U070A-xxx20
80	76	110	320	C1T080A-xxx22	C1U080A-xxx22
90	89	120	360	C1T090A-xxx25	C1U090A-xxx25





Type:C-4

		Approx	. Dimens	ion (mm.)		Deut Number	Davit Niverahavi
D1	D2	D3	D4	L	Фe	n	Part Number	Part Number
20	19	60	80	80	9	4	C4T020A-xxx06	C4U020A-xxx06
25	25	67	90	100	11	4	C4T025A-xxx08	C4U025A-xxx08
30	32	72	95	120	11	4	C4T030A-xxx08	C4U030A-xxx08
35	35	82	105	140	11	4	C4T035A-xxx10	C4U035A-xxx10
40	38	87	110	160	11	6	C4T040A-xxx12	C4U040A-xxx12
45	44	92	115	180	11	6	C4T045A-xxx14	C4U045A-xxx14
50	57	97	120	200	11	6	C4T050A-xxx14	C4U050A-xxx14
60	63	115	140	240	13	6	C4T060A-xxx18	C4U060A-xxx18
70	69	125	150	280	13	6	C4T070A-xxx20	C4U070A-xxx20
80	76	140	165	340	13	6	C4T080A-xxx22	C4U080A-xxx22
90	89	150	175	340	13	8	C4T090A-xxx25	C4U090A-xxx25
100	100	160	185	420	13	8	C4T100A-xxx25	C4U100A-xxx25
110	100	170	195	420	13	8	C4T110A-xxx28	C4U110A-xxx28
120	100	185	210	420	13	8	C4T120A-xxx32	C4U120A-xxx32

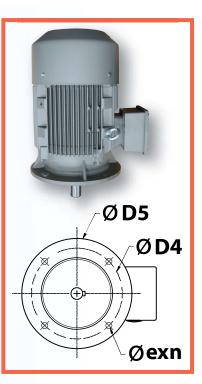
Agitator Accessories

1. Direct Drive Motor

) lambda

Special design for agitator

				Des	cription					
Part Nu	mher	l	Motor			Shaft Dia.	Flar		mensi	on
	moer	Power	Нр	kW	Speed	(mm.) D1		(mr		2
		Supply			(rpm)		D4	D5	øe	n
MGS005E	B-D1500	1 Ph/ 220V./ 50Hz IP55, 4 Pole	0.50	0.37	1,500	19	130	160	M10	4
MGT005E	B-D1500	3 Ph/ 380V./ 50Hz IP55, 4 Pole	0.50	0.37	1,500	19	130	160	M10	4
MGT002E	3-D1000		0.25	0.18		19	130	160	M10	
MGT005E	3-D1000	3 Ph/ 380V./ 50Hz IP55, 6 Pole	0.50	0.37	1,000	24	165	200	M12	4
MGT010E	3-D1000	1 33,01 010	1.00	0.75		28	165	200	M12	
MGT002A	\-D0600	3 Ph/ 380V./ 50Hz	0.25	0.18	600	24	165	200	M12	4
MGT003A	\-D0600 I	IP55, 10 Pole	0.33	0.25	000	24	105	200	10112	4
MGT002E	3-D1000	3 Ph/ 380V./ 50Hz IP55, 12 Pole	0.20	0.15	500	24	165	200	M12	4



2. Geared Drive Motor 3 Phase., 380 V, 50Hz

Helical Geared motor "SEW" made in west Germany

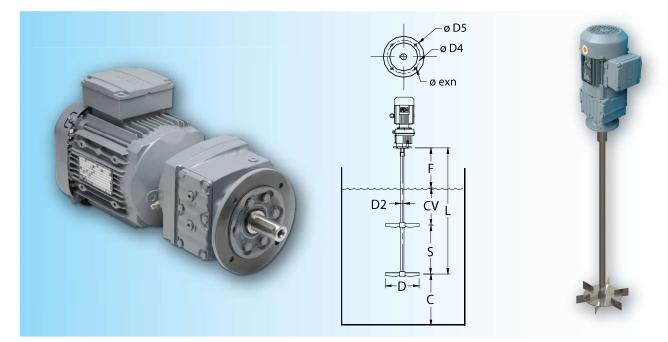
					D	escript	ion			
Part Number	Mo	otor	Output Speed	Flar	ige D (mi	imens n.)	ion	Shaft Dia. (mm.)	S.F.	Output Torque
	Нр	kW	(rpm)	D4	D5	øe	n	D1	3	(Nm.)
MGT001A-G0306	0.16	0.12	102	100	120	6.5	4	20	13	3.7
MGT001A-G0100	0.10	0.12	306	100	120	0.5	4	20	7.4	12
MGT002A-G0293	0.24	500	100	100	120	6.5	4	20	8.1	5.9
MGT002A-G0102	0.24	500	293	100	120	0.5	4	20	5	17
MGT003A-G0288	0.33	0.25	288	100	120	6.5	4	20	5.8	4.3
MGT003A-G0306	0.50	0.37	306	100	120	6.5	4	20	4.2	12
MGT003A-G0100	0.50	0.57	100	100	120	6.5	4	20	2.4	35
MGT010A-G0276	1.00	0.75	276	130	160	8.5	4	25	2.7	26
MGT010A-G0104	1.00	0.75	104	130	160	8.5	4	25	2.8	69
MGT020A-G0252	2.00	1.50	252	130	160	8.5	4	25	1.75	57
MGT030A-G0291	3.00	2.20	291	165	200	11.0	4	30	2.1	72
MGT040A-G0240	4.00	3.00	240	215	250	13.5	4	35	2.7	119
MGH055A-G0249	5.50	4.00	249	215	250	13.5	4	35	2	153
MGH075A-G0251	7.50	5.50	251	215	250	13.5	4	35	1.5	210
MGH100A-G0239	10.00	7.50	239	265	300	13.5	4	40	1.8	300
MGH150A-G0225	12.25	9.20	225	300	350	17.5	4	50	2.6	390
MGH122A-G0225	15.00	11.00	225	300	350	17.5	4	50	2.2	465
MGH200A-G0229	20.00	15.00	229	300	350	17.5	4	50	1.65	625



Øexn



Geared Drive Agitator



200-300 rpm, 380 V, 3 Phase., 50 Hz, IP55

		Geared	Moto	r							Shaft			Im	peller	Maximum
Pov	wer	Speed	Flang	je dime	ension	(mm.)	Coupling			Dimer	nsion (m	nm.)		Type/ no. of	Diameter (mm)	
kW	Нр	(rpm)	D4	D5	е	n		D2	F	S	CV	С	L	stage	D	(Ltr.)
									-	-	550	70	450			100
0.16	0.12	306	100	120	6.5	4	C-1 20-19		-	-	650	70	550	A1-2/1	150	200
						4			-	-	850	170	750			300
0.25	0.18	293	100	120	6.5		C-4 20-19		-	-	850	110	750		200	500
0.05	0.37	276							-	-	1250	230	1200		250	1,000
0.75	0.55	276	130	160	8.5		C-4 25-25	25	-	-	1200	170	1200	A2-3/1	300	1,500
1	0.75	287							-	-	1300	440	1300		300	2,000
1.5	1.1	291	165	200	11	4	C-4 30-32	32	-	-	1365	340	1650		300	2,500
2	1.5	255				4		38	-	1500	1500	450	2000		300	4,000
3	2.2	214	-	-	-		Skirt	50	-	700	1800	330	2500	A2-2/2	400	6,000
3	2.2	254	_	-	-		JAN	50	-	600	1700	530	2300		370	6,000
4	3	218						63	-	650	2200	830	2850		450	10,000

100 rpm, 380 V, 3 Phase., 50 Hz, IP55

		Geared	Motc	or						(Shaft			Im	peller	Maximum
Ро	wer	Speed	Flang	ge dime	ension	(mm.)	Coupling				ision (m	im.)		Type/ No. of	Diameter (mm)	Agitation capacity
Нр	kW	(rpm)	D4	D5	е	n		D2	F	S	CV	С	L	Stage	D	(Ltr.)
							C-1 20-19			-	550	70	450		200	100
0.16	0.12	100	100	120	сг	4		19	-	-	650	70	550	A1-2/1	200	200
0.16	0.12	100	100	120	6.5		4 C-4 20-19			-	850	170	750	//1 2/1	250	300
							C-4 20-19		-	-	850	110	750		300	500
0.25	0.18	102	100	120	6.5		C-4 20-19	19	_	-	1200	1277	1200		350	1,000
0.33	0.25	100	100	120	0.5		C-4 20-19	19		I	1200	1167	1200	A1-4/1	450	1,500
0.5	0.37	104	135	160	8.5		C-4 25-25	25	_	-	1500	240	1450		500	2,000
0.5	0.57	104	155	100	0.5	4	C-4 25-25	25		600	1100	290	1650		400	2,500
1	0.75	114	165	200	11		C 4 30 32	22	-	700	1400	350	2100	A1-2/2	450	4,000
1.5	1.1	112	105	200			C-4 30-32	32	-	600	1800	430	2400		550	6,000
2	1.5	108	250	300	14		Skirt	45	-	900	2300	480	3200		600	10,000



Direct Drive Agitator

Specification

- shaft, impeller and coupling are available in SUS304 or SS316 material
- output shaft of agitator motor is made from S45C steel or higher strength upon request
- over-sized output shaft and bearing get more stiffness with higher critical speed than the standard motor
- copper wire insulated is class H insulation (200 °C)

Features

- motor is constructed for mechanical simplicity with maximum structural integrity
- elimination of gear, belt and reduces periodic maintenance requirements
- reliable and dynamically balanced to virtually eliminate vibration

1,500 rpm, 220 V, 1 Phase., 50 Hz, IP55

		Мс	otor							Shaf	t		Impe	ller	Max.
Ρον	ver	Speed	Flang	ge Dir (mn	men: n)	sion	Coupling		Dime	ensio		n)	Type/ No. of	Dia (mm)	Agitation Capacity
Нр	kW	(rpm)	D4	D5	е	n	coupling	D2	F	CV	С	L	Stage	D	(Ltr.)
										350	170	450			100
										450	170	550			200
0.5	0.37	1,500	130	160	10	4	C-1 19-19	19	100	650	270	750	A2- 3A / 1	125	300
										650	210	750			500
									200	800	430	1,000			1,000
1.5	1.1		165	200	10	4	C-1 24-25	25	-	-	-	1,100	P3-3 / 1	200	1,500

1,500 rpm, 380 V, 3 Phase., 50 Hz, IP55

		Мо								Shat	ft		Impe	ller	Max.
Po	wer			ge Dii (mn	men: n)	sion	Coupling		Dime	ensio		m)	Type/ No.of	Dia (mm)	Agitation Capacity
Нр	kW	(rpm)	D4	D5	е	n		D2	F	CV	С	L	Stage	D	(Ltr.)
										350	170	450			100
										450	170	550			200
0.5	0.37	1,500	130	160	10	4	C-1 19-19	19	100	650	270	750	A2-3/1	125	300
										650	210	750			500
									200	800	430	1,000			1,000
1.5	1.1		165	200	10	4	C-1 24-25	25	-	-	-	1,100	P3-3 / 1	200	1,500

1,000 rpm, 380 V, 3 Phase., 50 Hz, IP55

		Мо	tor							Cl (Impe	ller	Max.
Pov	wer			ge Dii (mn	men n)	sion	Coupling		Dim	Shaf ensio		n)	Type/ No. of	Dia (mm)	Agitation Capacity
Нр	kW	(rpm)	D4	D5	е	n		D2	F	CV	С	L	Stage	D	(Ltr.)
										350	170	450			100
										450	170	550		150	200
0.5	0.37	1,000	165	200	10	4	C-1 24-25	25	100	650	270	750	P3-3/1		300
										650	210	750		175	500
									200	800	430	1,000		175	1,000
1.5	1.1		0.65	200	10	4	C-1 24-25	25	-	-	-	1,100		200	1,500

750 rpm, 380 V, 3 Phase., 50 Hz, IP55

		Мо	tor							c1 . (Impe	ller	Max.
Pov	wer		Flan	ge Di (mn	men n)	sion	Coupling		Dim	Shaf ensio		n)	Type/ No. of	Dia (mm)	Agitation Capacity
Нр	kW	(rpm)	D4	D5	е	n		D2	F	CV	С	L	Stage	D	(Ltr.)
										350	170	450			100
										450	170	550		150	200
0.5	0.37	1,000	165	200	10	4	C-1 24-25	25	100	650	270	750	P3-3/1		300
										650	210	750		175	500
									200	800	430	1,000		175	1,000
1	0.75		0.65	200	10	4	C-1 24-25	25	-	-	-	1,100		200	1,500





