

Asynchronous motors

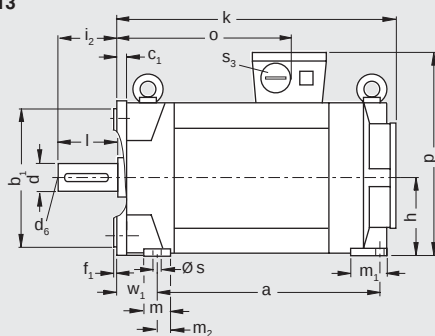
Dimension drawings

1PH4 motors Water cooling

For motor		Dimensions in mm (in)																
Shaft height	Type	DIN IEC	a B	a ₁ P	b A	b ₁ N	c LA	c ₁ –	e ₁ –	f AB	f ₁ T	h H	i ₂ –	k LB	m BA	m ₁ –	m ₂ –	n AA
1PH4, type IM B35, water cooling																		
100	1PH4103		349 (13.74)	250 (9.84)	160 (6.30)	180 (7.09)	11 (0.43)	12 (0.47)	215 (8.46)	190 (7.48)	4 (0.16)	100 (3.94)	80 (3.15)	416 (16.38)	35 (1.38)	60 (2.36)	24 (0.94)	40 (1.57)
	1PH4105		409 (16.10)											476 (18.74)				
	1PH4107		474 (18.66)											541 (21.30)				
132	1PH4133		377 (14.84)	350 (13.78)	216 (8.50)	250 (9.84)	14 (0.55)	16 (0.63)	300 (11.81)	245 (9.65)	5 (0.20)	132 (5.20)	110 (4.33)	458 (18.03)	36 (1.42)	85 (3.35)	24 (0.94)	43 (1.69)
	1PH4135		447 (17.60)											528 (20.79)				
	1PH4137		497 (19.57)											578 (22.76)				
	1PH4138		532 (20.9)											613 (24.13)				

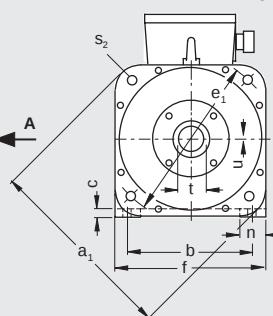
DE shaft extension													
Shaft height	Type	DIN IEC	o –	p HD	s K	s ₂ K	s ₃ –	w ₁ C	d D	d ₆ –	l E	t GA	u F
100	1PH4103		244 (9.61)	259 (10.20)	12 (0.47)	14 (0.55)	PG29	44 (1.73)	38 (1.50)	M12	80 (3.15)	41 (1.61)	10 (0.39)
	1PH4105		304 (11.97)										
	1PH4107		369 (14.53)										
132	1PH4133		264 (10.39)	334.5 (13.17)	12 (0.47)	18 (0.71)	PG36	53 (2.09)	42 (1.77)	M16	110 (4.33)	45 (1.77)	12 (0.47)
	1PH4135		334 (13.15)										
	1PH4137		384 (15.12)										
	1PH4138		419 (16.50)										

**1PH410
1PH413**



Water connection
G 1/4 for 1PH410.
G 3/8 for 1PH413.

Water connection
G 1/4 for 1PH410.
G 3/8 for 1PH413.



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