

Asynchronous motors

Dimensional drawings

1PH4 motors Water cooling

Dimensional drawings

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 of construction IM B35, water cooling																		
160	1PH4163		508 (20.00)	400 (15.75)	254 (10.00)	300 (11.81)	15 (0.59)	18 (0.71)	350 (13.78)	294 (11.57)	5 (0.20)	160 (6.30)	110 (4.33)	591 (23.27)	44 (1.73)	77 (3.03)	29 (1.14)	49 (1.93)
	1PH4167		563 (22.17)											646 (25.43)				
	1PH4163		608 (23.94)											691 (27.20)				

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
160	1PH4163		407 (16.02)	388 (15.28)	14 (0.55)	18 (0.71)	PG36	56 (2.20)	55 (2.17)	M20	110 (4.33)	59 (2.32)	16 (0.63)
	1PH4167		462 (18.19)										
	1PH4168		507 (19.96)										

