

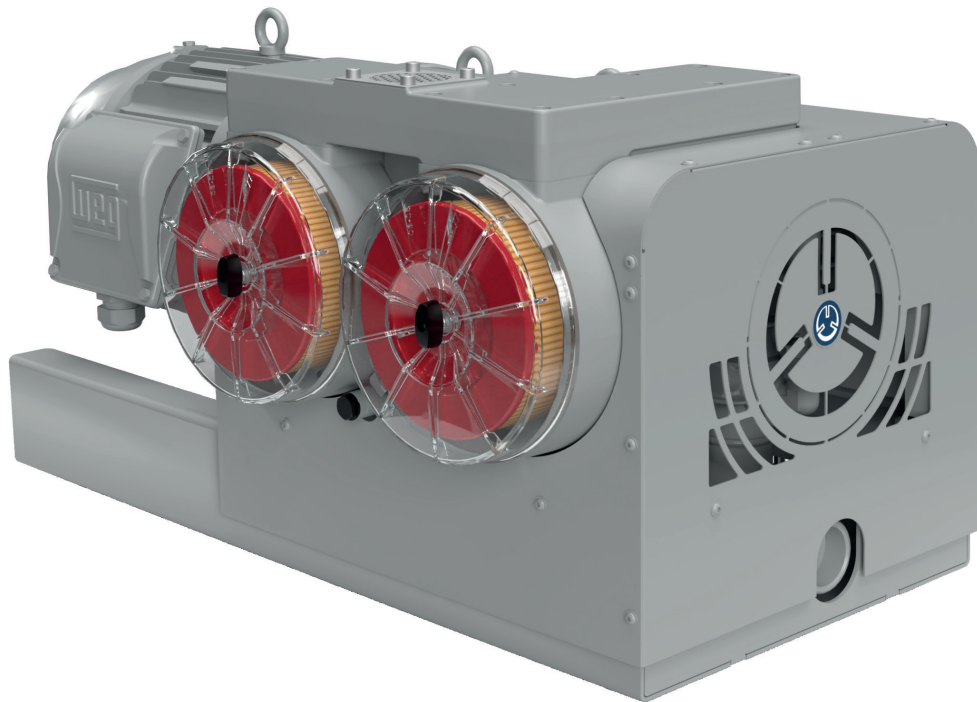
DATA SHEET

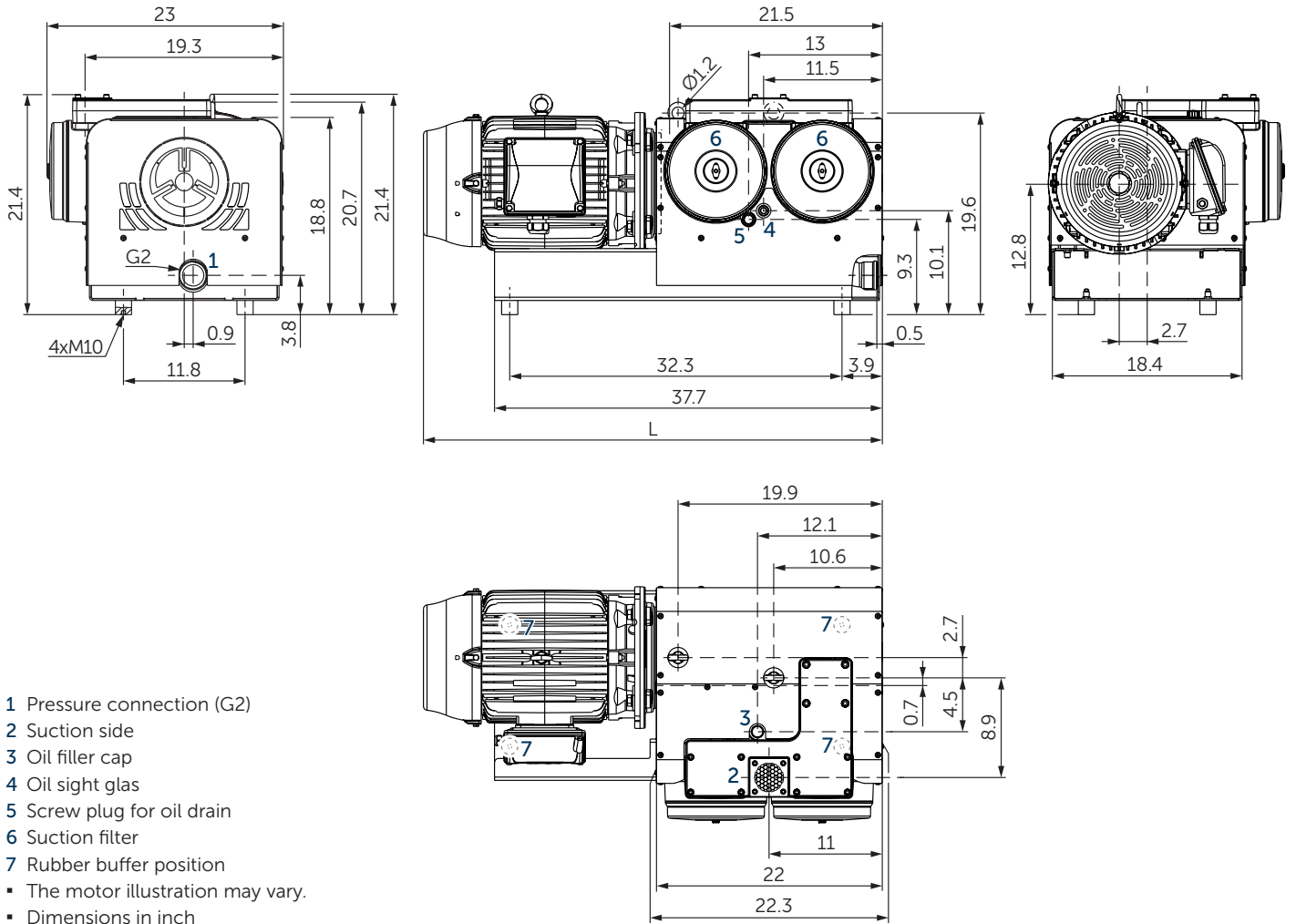
BCP 300

CLAW COMPRESSORS

dry and contact free compression
air-cooled

MAKE IT BECKER.





- 1 Pressure connection (G2)
 - 2 Suction side
 - 3 Oil filler cap
 - 4 Oil sight glas
 - 5 Screw plug for oil drain
 - 6 Suction filter
 - 7 Rubber buffer position
- The motor illustration may vary.
 - Dimensions in inch

Nominal capacity		Pressure motor-dependent	Emission sound pressure level ¹⁾		Weight without motor
CFM			PSIG	dB(A)	
50 Hz	60 Hz		50 Hz	60 Hz	lbs
161.7	191.1	7.25 ²⁾ /18.85/23.2/29.0	82 (14.5 PSIG)	86 (14.5 PSIG)	≈453.1

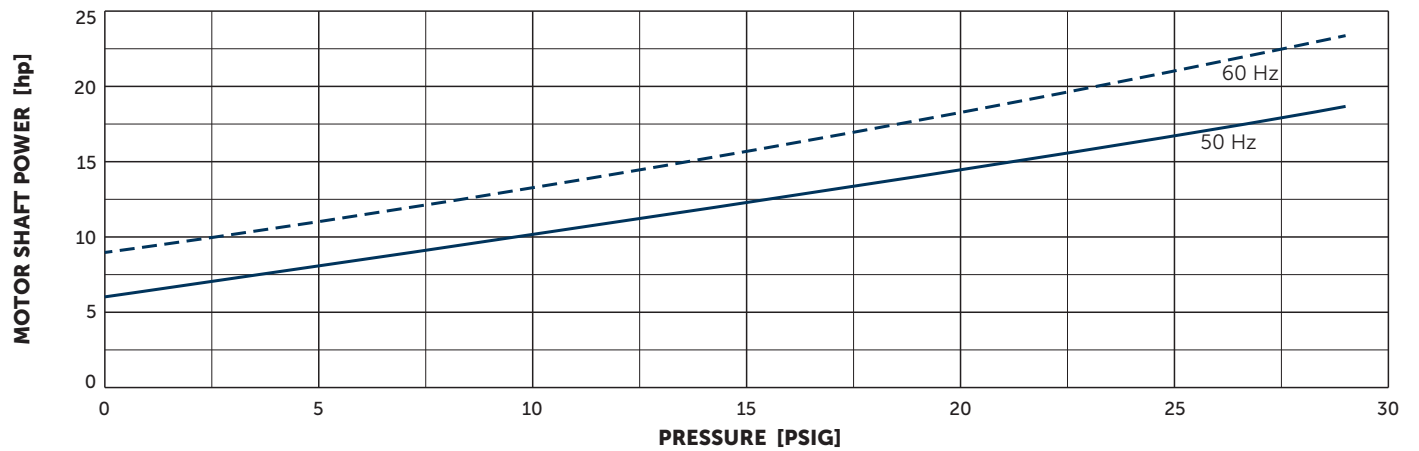
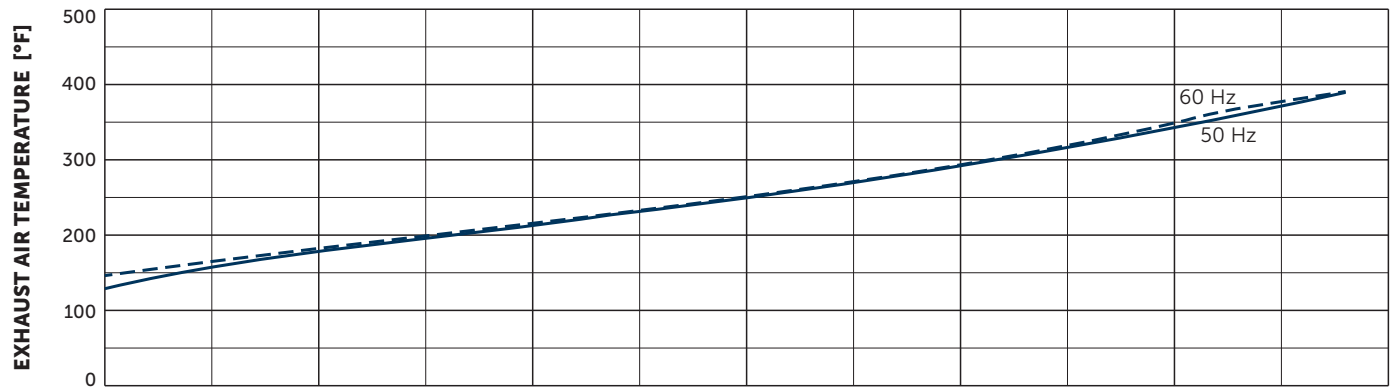
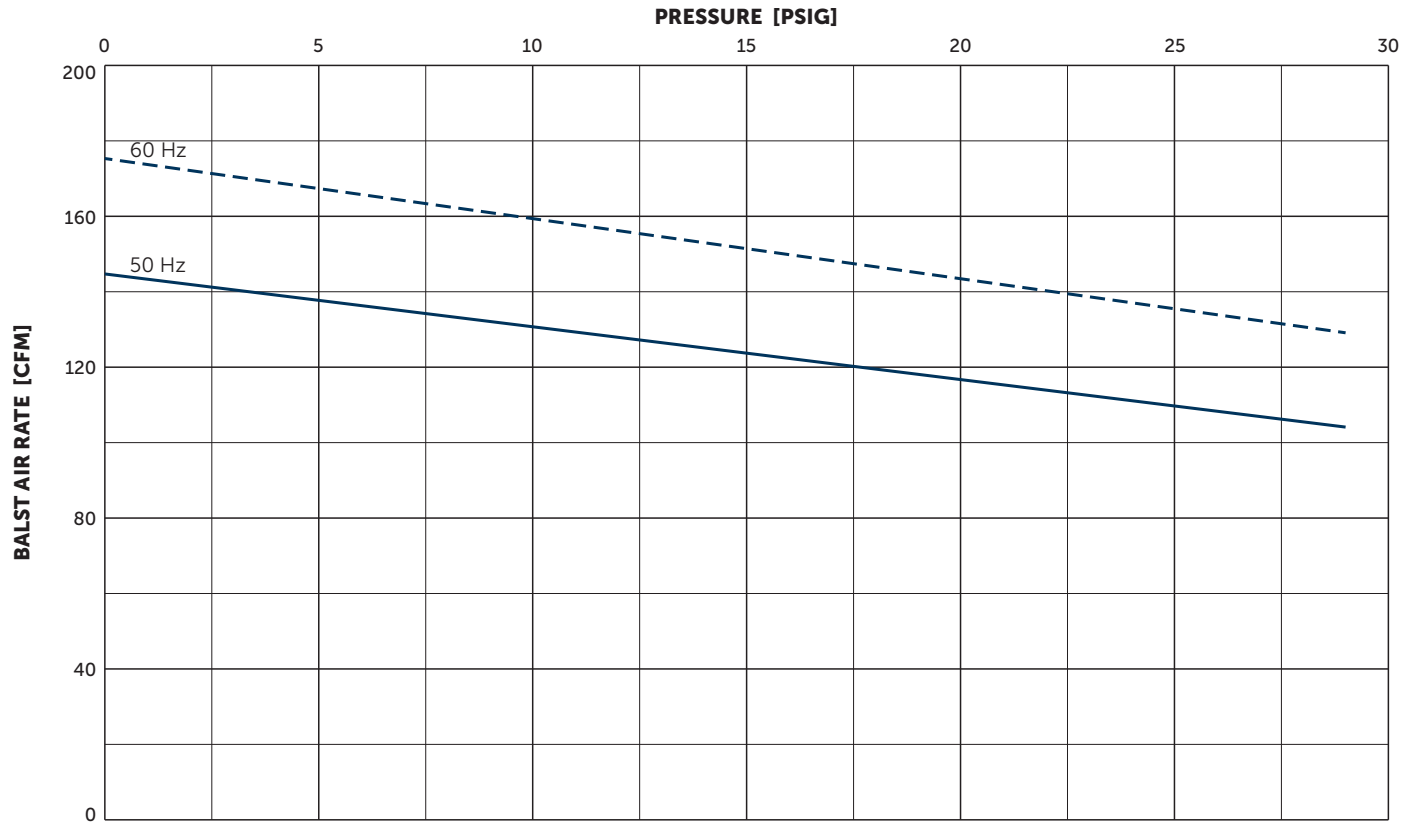
¹⁾ According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
39.4 inch distance, at medium load, both connection sides piped

²⁾ Currently not available

Pressure PSIG	3~ Motors										Length L inch		
	#	50 Hz				60 Hz				Version		Weight lbs	
	hp	V	rpm	A	hp	V	rpm	A					
7.25 ¹⁾	01	Δ380/Y660	IE3	2915	14.4/8.29	10.1	Δ460/Y -	IE3	3535	12.4/ -	UL(E104590) CSA • CC029A IP55 • ISO F • PTC	154.4	37.5
		Δ400/Y690	IE3	2925	14.1/8.17								
		Δ415/Y -	IE3	2930	13.9/ -								
						12.1	Δ400/Y690	IE1	3470	16.5/9.56			
						Δ460/Y -	IE2	3515	14.3/ -				
	02	10.1	Δ200/Y346	IE3	2945	28.6/16.5	12.1	Δ200/Y346	IE3	3510	32.0/18.5	183.0	39.0
						Δ220/Y380	IE3	3530	29.8/17.2	UL(E104590) CSA • CC029A IP55 • ISO F • PTC			
						Δ - /Y400	IE3	3535	- /16.7				
	03	14.8	Δ230/Y400	IE3	2949	35.2/20.2	14.8	YY230/Y460	IE3	3557	35.7/17.8	260.2	42.8
										UL(E104590) CSA • CC029A IP55 • ISO F • PTC			
							14.8	YY208/Y -		3443	34.3/ -		
	04	14.8	Δ290/Y500	IE3	2950	27.5/16.0	14.8	Δ332/Y575	IE3	3555	24.7/14.3	249.2	42.8
										UL(E104590) CSA • CC029A IP55 • ISO F • PTC			
18.85	05	Δ380/Y660	IE3	2945	28.8/12.0	14.8	Δ460/Y -	IE3	3555	17.8/ -	UL(E104590) CSA • CC029A IP55 • ISO F • PTC	260.2	42.8
		Δ400/Y690	IE3	2950	20.0/11.6								
		Δ415/Y -	IE3	2950	19.7/ -								
						17.7	Δ460/Y -	IE3	3518	20.9/ -			
						Δ400/Y -	IE2	3544	23.5/ -				
	06	14.8	Δ200/Y346	IE3	2955	43.0/24.8	17.7	Δ200/Y346	IE3	3535	47.6/27.5	249.2	42.8
						Δ220/Y380	IE3	3550	44.2/25.6	UL(E104590) CSA • CC029A IP55 • ISO F • PTC			
						Δ - /Y400	IE3	3555	- /25.2				
	07	20.1	Δ230/Y400	IE3	2945	48.1/27.7	20.1	YY230/Y460	IE3	3555	48.9/24.4	277.8	42.8
										UL(E104590) CSA • CC029A IP55 • ISO F • PTC			
							20.1	YY208/Y -		3543	52.6/ -		
23.2	08	20.1	Δ290/Y500	IE3	2945	38.1/22.1	20.1	Δ332/Y575	IE3	3555	33.9/19.6	264.6	42.8
										UL(E104590) CSA • CC029A IP55 • ISO F • PTC			
29.0	09	Δ380/Y660	IE3	2940	28.2/16.2	20.1	Δ460/Y -	IE3	3556	24.4/ -	UL(E104590) • CSA IP55 • ISO F • PTC	284.4	42.8
		Δ400/Y690	IE3	2947	27.4/15.9								
		Δ415/Y -	IE3	2952	27.0/ -								
						24.1	Δ400/Y690	IE1	3515	31.8/18.5			
						Δ - /Y460	IE3	3543	- /28.3				
	10	20.1	Δ200/Y346	IE3	2955	55.4/32.0	24.1	Δ200/Y346	IE3	3530	63.0/36.4	262.4	42.8
						Δ220/Y380	IE3	3545	58.3/33.8	UL(E104590) CSA • CC029A IP55 • ISO F • PTC			
						Δ - /Y400	IE3	3550	- /32.8				
	11	24.8	Δ230/Y400	IE3	2945	57.8/33.2	24.8	YY230/Y460	IE3	3555	58.9/29.4	308.7	44.5
										UL(E104590) CSA • CC029A IP55 • ISO F • PTC			
							24.8	YY208/Y -		3540	62.9/ -		
	12	24.8	Δ290/Y500	IE3	2950	46.3/26.9	24.8	Δ332/Y575	IE3	3555	41.8/24.1	341.8	44.5
										UL(E104590) CSA • CC029A IP55 • ISO F • PTC			

¹ Currently not available

- Current consumption and rotation speed may vary. Tolerance in each case -1.5/+2%
- Motors 06, 08, 10, 11 and 12 on request. The technical data are preliminary data and are subject to change.



Suction air rate refers to the intake pressure
 Reference data (atmosphere): 0 PSIG, 68°F; Tolerance: ±10%

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