

Progressing cavity pump:	BW 052-2S-F7-5-6-0-L1-B-B-E-D		Item 1	
Medium Data				
Medium	wastes of carrots			
Solid Concentration	%	15	Viscosity	cps 1000
Density	kg/dm ³	1	Particle Size	mm 0
Room Temperature	°C	25	Medium Temperature	°C 25
pH		5	Vapour Pressure	kg/cm ³ 0
Performance Data				
Flow Rate	m ³ /h	2.97		
Speed	rpm	103		
Frequency	Hz	50		
Pressure	bar	2.00		
Design Pressure	bar	12.00		
Suction Pressure	[mWc]	Flooded, liquid must reach suction pump alone.		
Required Power	kW	0.84		
Tolerance on Flow	%	+ 5.00% / - 5.00%		
Application	Intermittent			
Installation	Internal			
Technical Data				
Configuration Code	BW 052-2S-F7-5-6-0-L1-B-B-E-D			
Casing	ST-37_52			
Cover Sleeves	no letter = std nitrile perbunan			
Joint - Con. Rod	1.4028 SS.420B			
Rotor Material	1.4021 SS.420B			
Rotor clearance/design	Standard clearance			
Stator materials	Buna NBR , Industrial			
Seal options	Single seal Q1Q1VGG (Silicium/silicium/Viton/316Ti)			
Coupling type	Pin joint + auger			
Baseplate type	Driven pump on MS baseplate			
Connections	Din 2501			
Connection Suction	Tramoggia rettongolare / Hopper			
Connection Delivery	DN80 DIN 2501 PN16			
Drive				
Name	SK 25 - 90L/4			
Supplier	NORD			
Speed (50 Hz)	104 rpm			
Speed (60 Hz)	124 rpm			
Ratio	14.04			
Torque	138			
Service Factor	2.2			
Flange	200			
Shaft	30			
Power	1.5			
Painting				
Execution	STD			
Color	RAL 5021			

SYDEX Srl

via Lord Baden Powell 19/21
36045 Lonigo (VI) - Italy

Phone : +39 0444 43 25 88
Fax : +39 0444 43 25 89
Email : web@sydexpump.com

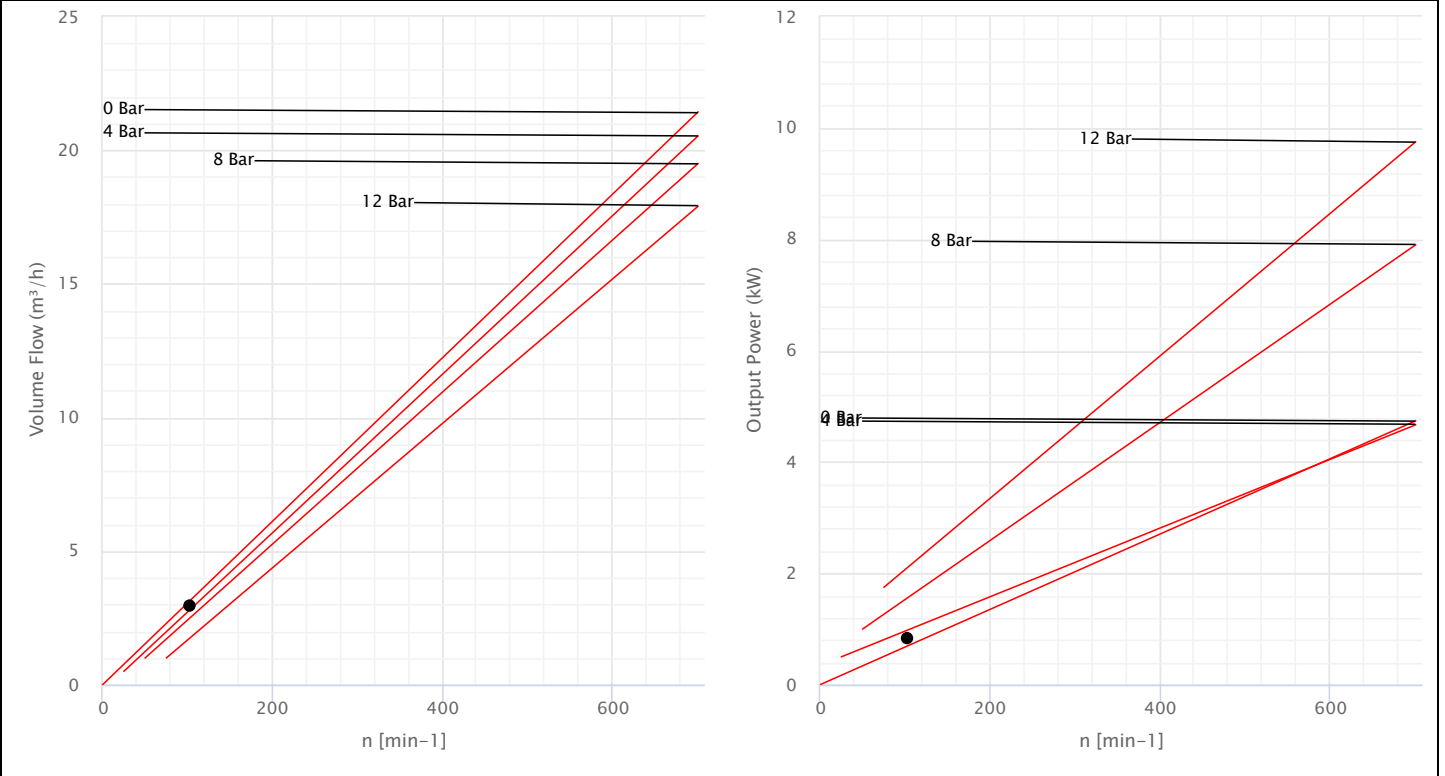
www.sydexpump.com

Torqueflow-Sydex Ltd
Sydex Singapore Pte Ltd
Sydex Flow Ltda
Sydex USA, LLC

Hampshire, England
Singapore
Seixal, Portugal
Waxhaw, NC -USA

info@torqueflow-sydex.com
sales@sydexpump.com.sg
info@sydexflow.com
info@sydexpumpusa.com

Performance Chart



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