

Progressing cavity pump:	BK 052-1S-G5-5-0-0-L1-B Q1-A-E-D	Item 1
Medium Data		
Medium	ligh starch	
Solid Concentration	%	5
Density	kg/dm ²	1.1
Room Temperature	°C	20
pH		5
Viscosity	cps	0
Particle Size	mm	0
Medium Temperature	°C	20
Vapour Pressure	kg/cm ³	0
Performance Data		
Flow Rate	m ³ /h	10.00
Speed	rpm	359
Frequency	Hz	50
Pressure	bar	4.00
Design Pressure	bar	4E-05
Suction Pressure	[mWc]	Flooded, liquid must reach suction pump alone.
Required Power	kW	1.71
Tolerance on Flow	%	
Application		
Installation		
Efficiency	%	
Technical Data		
Configuration Code	BK 052-1S-G5-5-0-0-L1-B Q1-A-E-D	
Casing	Grey cast iron G20+Zn	
Cover Sleeves	no letter = std nitrile perbunan	
Joint - Con. Rod	1.4028 SS.420B	
Rotor Material	1.4021-1.4028 SS.420B HCP	
Rotor clearance/design	Standard clearance	
Stator materials	Buna NBR , Industrial	
Seal options	Single seal Q1Q1VGG (Silicium/silicium/Viton/316Ti) + Quenching-flushing in/out	
Coupling type	Pin joint	
Baseplate type	Driven pump on MS baseplate	
Connections	Din 2501	
Connection Suction	DN80 DIN 2501 PN16	
Connection Delivery	DN80 DIN 2501 PN16	
Drive		
Name	RCV381NF_P100	
Supplier	VARMEC	
Speed (50 Hz)	350 rpm	
Speed (60 Hz)	423 rpm	
Ratio	4.11	
Torque	82	
Service Factor	1.4	
Flange	250	
Shaft	30	
Power	3	
Painting		
Execution	STD	
Color	RAL 5021	

SYDEX SRL

Lord Baden Powell, 24
36045 Lonigo (VI) - Italy

Phone : +39 0444 43 25 88

Fax : +39 0444 43 25 89

Email : web@sydexpump.com

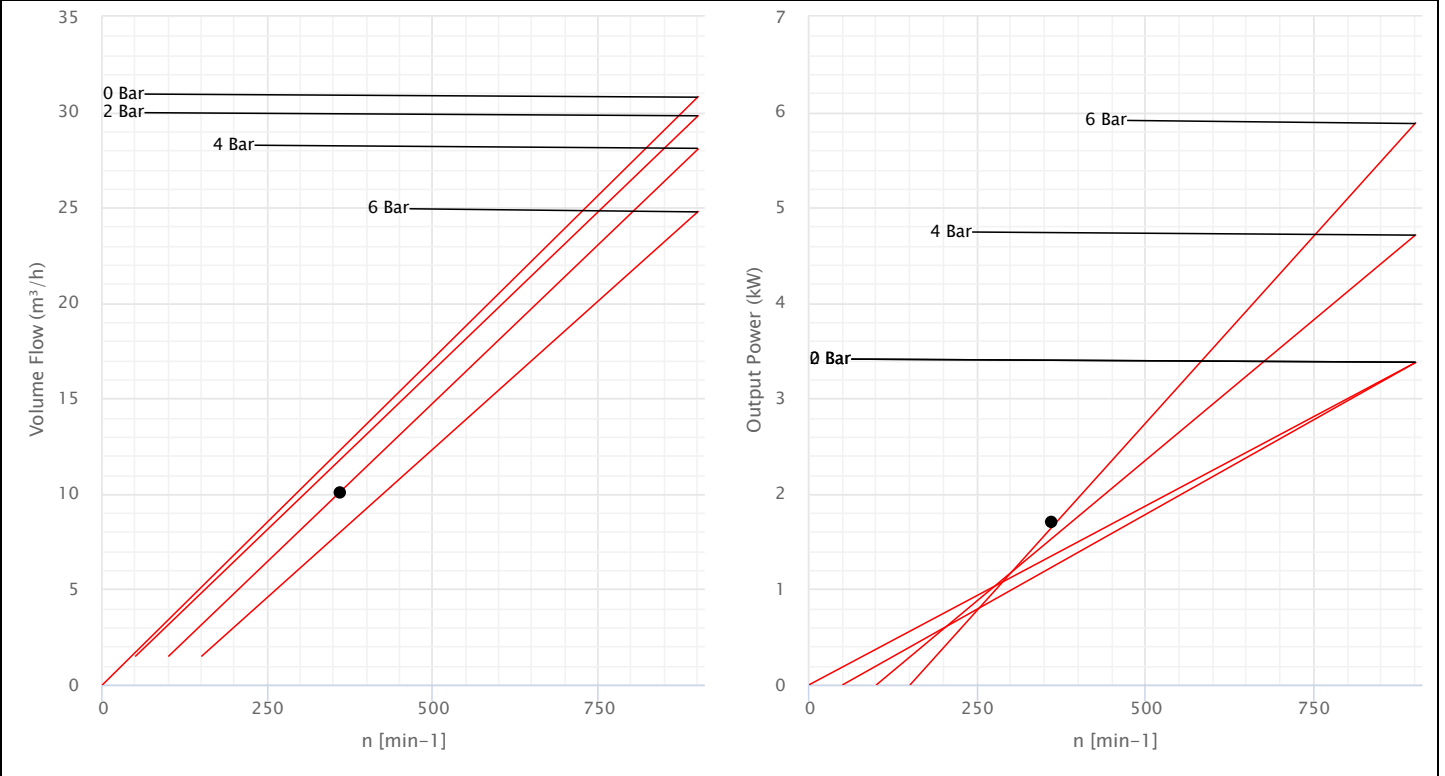
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Torqueflow-Sydex Ltd
Sydex Singapore Pte Ltd
Sydex Flow Ltda
Sydex USA, LLC

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

info@torqueflow-sydex.com
info@torqueflow-sydex.com
info@sydexflow.com
info@sydexpumpusa.com

Performance Chart



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