

# ProMinent® DULCOFLEX Series

## Overview: DULCOFLEX DFBU



The DULCOFLEX DFB is a versatile peristaltic pump, which incorporates both hose and tubing technology. The unique roller design offers a lubricant-free housing unlike typical shoe pumps. With pressures up to 116 psi and flow rates to 337 gph, the DFB is a great choice for pumping difficult fluid such as slurries and abrasive chemicals.

## Feature & Benefits

- 10, 13, 16, 19, 22 mm tubing pumps (30psi)
- 10, 13, 16, 22 mm reinforced hose pumps (116psi)
- Flows to 337 gph (5.6 gpm)
- Halar coating available for the toughest chemicals
- Disaster proof hose connections
- Roller Technology - Lower hose Stress
- Easy maintenance
- Reinforced hose
- Can run dry
- Self-priming
- Great for solids
- Reversible
- No seals
- No valves

## DULCOFLEX DFB Capacities

Capacity Data					
	DFB10	DFB13	DFB16	DFB19*	DFB22
<b>DFB Series</b>					
Compression	Roller	Roller	Roller	Roller	Roller
Connection	3/8"	3/8"	3/4"	1"	1"
Capacity gal/rev	0.006	0.01	0.024	0.032	0.066
Max. Flow GPH	31	51	122	163	337
Max. Pressure Reinforced Hoses	116 psi	116 psi	116 psi	N/A	116 psi
Tubing	Norprene	Norprene	Norprene	Norprene	Norprene
Max. Pressure Tubing	30 psi	30 psi	30 psi	30 psi	30 psi

**Models are available with one of the following reinforced hoses: Natural Rubber, Buna, EPDM, Hypalon**

**\* DFB19 is not available with reinforced hoses**

# ProMinent® DULCOFLEX Series

## Identcode Ordering System

DFBU	DULCOFLEX DFBU										
	<b>pump size</b>										
	<b>010</b>	DFBu 010, 0.006 gal/revolution 3/8"				<b>019</b>	DFBu 019, 0.032 gal/revolution 1"				
	<b>013</b>	DFBu 013, 0.010 gal/revolution 3/8"				<b>022</b>	DFBu 022, 0.066 gal/revolution 1"				
	<b>016</b>	DFBu 016, 0.024 gal/revolution 3/4"									
	<b>Speed</b>										
	<b>010 - 019 ONLY</b>					<b>022 ONLY</b>					
	<b>005</b>	5 rpm	<b>029</b>	29 rpm		<b>209</b>	9 rpm	<b>236</b>	36 rpm		
	<b>006</b>	6 rpm	<b>039</b>	39 rpm		<b>212</b>	12 rpm	<b>239</b>	39 rpm		
	<b>007</b>	7 rpm	<b>043</b>	43 rpm		<b>216</b>	16 rpm	<b>245</b>	45 rpm		
	<b>009</b>	9 rpm	<b>049</b>	49 rpm		<b>218</b>	18 rpm	<b>249</b>	49 rpm		
	<b>011</b>	11 rpm	<b>054</b>	54 rpm		<b>220</b>	20 rpm	<b>257</b>	57 rpm		
	<b>013</b>	13 rpm	<b>061</b>	61 rpm		<b>225</b>	25 rpm	<b>264</b>	64 rpm		
	<b>017</b>	17 rpm	<b>068</b>	68 rpm		<b>227</b>	27 rpm	<b>272</b>	72 rpm		
	<b>021</b>	21 rpm	<b>077</b>	77 rpm		<b>230</b>	30 rpm	<b>287</b>	87 rpm		
	<b>024</b>	24 rpm	<b>086</b>	86 rpm							
	<b>Motor type</b>										
	<b>0</b>	Without motor									
	<b>1</b>	TEFC 115/1/60									
	<b>2</b>	TEFC 230-460/3/60 1000:1									
	<b>3</b>	WD/Chem Duty TENV 230-460/3/60 1000:1									
	<b>4</b>	X1 120/1/60									
	<b>5</b>	XV 230-460/3/60 1000:1									
	<b>6</b>	DC 90V									
	<b>Hose material</b>										
	<b>0</b>	Natural rubber									
	<b>B</b>	NBR									
	<b>E</b>	EPDM									
	<b>H</b>	Hypalon									
	<b>N</b>	Norpren (max 30 psi)									
	<b>Connection</b>										
	<b>B</b>	SS NPT									
	<b>F</b>	PVDF NPT									
	<b>G</b>	PVC NPT									
	<b>H</b>	Tri-clamp, SS									
	<b>Base plate</b>										
	<b>4</b>	base plate, HDPE									
	<b>Leakage sensor</b>										
	<b>0</b>	No leakage detector									
	<b>L</b>	Leakage detector									
	<b>R</b>	Leakage detector and relay kit									
	<b>Orientation</b>										
	<b>D</b>	Down									
	<b>L</b>	Left									
	<b>R</b>	Right (standard)									
	<b>U</b>	Up									
	<b>VFD</b>										
	<b>0</b>	Without VFD									
	<b>1</b>	Basic VFD 115/1/60									
	<b>2</b>	Basic VFD 460/3/60									
	<b>3</b>	Advanced VFD 115/1/60									
	<b>4</b>	Advanced VFD 460/3/60									
	<b>Special version</b>										
	<b>0</b>	Standard model									
	<b>H</b>	Chemical version (Halar coated)									
	<b>Discharge pressure</b>										
	<b>1</b>	30 psi (max tube)									
	<b>2</b>	60 psi									
	<b>3</b>	90 psi									
	<b>4</b>	115 psi (max hose)									
DFBU	010	005	0	0	B	4	0	R	0	0	1