

ProMinent® DULCOFLEX Series

Overview: DULCOFLEX DFCU



The DULCOFLEX DFC is a hose pump designed for difficult pumping applications. It incorporates a roller design which eliminates the need for cumbersome lubricants, unlike typical shoe pumps. The DFC can reach pressures up to 116 psi and flow rates up to 106 gpm and is ideal for difficult industrial and municipal applications.

Feature & Benefits

- Sizes: 30, 40, 50, 60, 70mm
- Flows to 106 gpm
- Disaster proof hose connections
- Roller Technology - Lower hose stress
- Easy maintenance
- Reinforced hose
- Can run dry
- Self-priming
- Great for solids handling
- Reversible
- No seals
- No valves

DULCOFLEX DFCU Capacities

Capacity Data					
	DFCU30	DFCU40	DFCU50	DFCU60	DFCU70
DFCU Series					
Compression	Roller	Roller	Roller	Roller	Roller
Connection	1 1/4"	1 1/2"	1 1/2"	2"	2 1/2"
Capacity gal/rev	0.11	0.24	0.39	0.82	1.76
Max. Flow GPM	7.4	14.4	23.1	41.2	106.4
Max. Pressure Reinforced Hoses	116 psi	116 psi	116 psi	116 psi	116 psi
Tubing	N/A	Norprene	N/A	N/A	N/A
Max. Pressure Tubing	N/A	30 psi	N/A	N/A	N/A

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

ProMinent® DULCOFLEX Series

Identcode Ordering System

DFCU	DULCOFLEX DFCU										
	pump size										
	030	DFCU 030, 0.11 gal/revolution				060	DFCU 060, 0.82 gal/revolution				
	040	DFCU 040, 0.24 gal/revolution				070	DFCU 070, 1.76 gal/revolution				
	050	DFCU 050, 0.39 gal/revolution									
	Speed										
	030 - 050 ONLY						060 - 070 ONLY				
	000	without gear reducer	030	30 rpm		000	without gear reducer	034	34 rpm		
	009	9 rpm	035	35 rpm		012	12 rpm	042	42 rpm		
	012	12 rpm	039	39 rpm		016	16 rpm	053	53 rpm		
	014	14 rpm	045	45 rpm		023	23 rpm	057	57 rpm		
	016	16 rpm	049	49 rpm		028	28 rpm	071	71 rpm		
	018	18 rpm	057	57 rpm							
	020	20 rpm	064	64 rpm							
	025	25 rpm	072	72 rpm							
	027	27 rpm	082	82 rpm							
	Motor type										
	0	No motor provided									
	1	TEFC Severe Duty 230-460/3/60 20:1 (variable speed)									
	2	TEFC Explosion Proof 230-460/3/60 Class 1 Div 1, Groups C&D									
	Hose material										
	0	Natural rubber									
	B	NBR									
	E	EPDM									
	H	Hypalon									
	Hydraulic connection										
	1	ANSI Flange SS									
	2	ANSI Flange PVC									
	3	ANSI Flange PVDF									
	Base plate										
	1	painted steel									
	Leakage sensor										
	0	Without leakage detector									
	A	5-48VDC, N.O. (USE WITH DRIVE)									
	B	5-48VDC, N.C.									
	C	24-240VAC, N.O.									
	D	24-240VAC, N.C.									
	Orientation										
	D	Down									
	L	Left									
	R	Right (standard)									
	U	Up									
	VFD										
	0	Without VFD									
	1	Basic VFD 115/1/60 (030 & 040 ONLY)									
	2	Basic VFD 460/3/60									
	3	Advanced VFD 115/1/60 (030 ONLY)									
	4	Advanced VFD 460/3/60									
	Special version										
	0	Standard version									
	H	Chemical version (Halar coated)									
	Discharge pressure										
	1	30 psi (max tube)									
	2	60 psi									
	3	90 psi									
	4	115 psi (max hose)									
DFCU	030	000	0	0	1	1	0	R	0	0	1