

PFR Model

ACIDPROOF FRP PUMP



- Max. Allowable temperature : 120 °C
- Vertical type available : PFR - V
- Self-Priming type available : PFR - S

Applications

- in chemical industry (acid/alkali/chemicals)
- in plating process
- in cosmetic process
- in steel works
- in food & medical industry
- in petrochemical industry

Features

- FRP (Fiberglass reinforcement plastic)
-EPOMYCA / RF-1051, RF-1001
-Vinylester type

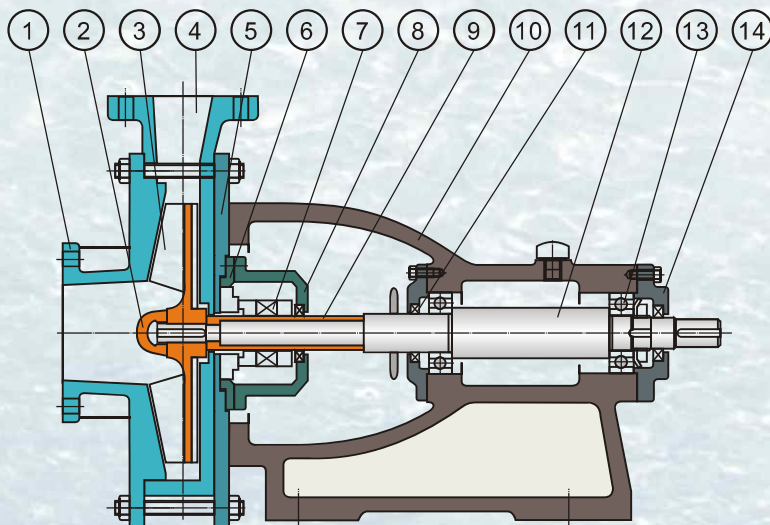


Specification

60Hz

Model	Capacity	Head	Power	Capacity	Head	Power	M/S
	Q (m³/min)	H (m)	HP x P	Q (m³/min)	H (m)	HP x P	ø (mm)
PFR - 25	0.10	10	2 x 4	0.15	30	5 x 2	30
PFR - 40	0.15	10	2 x 4	0.15	20	3 x 4	40
PFR - 50	0.2	15	3 x 4	0.5	40	15 x 2	
PFR - 65	0.5	15	5 x 4	0.5	20	7.5 x 4	
PFR - 80	0.7	15	7.5 x 4	0.8	20	15 x 4	
PFR - 100	1.0	15	10 x 4	1.0	25	15 x 4	45
PFR - 125	1.5	20	20 x 4	2.0	20	25 x 4	
PFR - 150	2.5	20	30 x 4	3.3	20	40 x 4	

Sectional drawing (Standard)



No	Part Name
1	Suction Cover
2	Impeller Nut
3	Impeller
4	Casing
5	Back Plate
6	Seal Gland
7	M/Seal
8	Seal Cover
9	Sleeve
10	Bearing Housing
11	Oil Seal
12	Shaft
13	Bearing
14	Bearing Cover

Chemicals	Concen %	Allowa. T ℃		Chemicals	Concen %	Allowa. T ℃	
		RF-1051	RF-1001			RF-1051	RF-1001
ACID				ACID			
Acetic Acid 초 산	10-25	100	100	Oleic Acid 올 레 인 산	all	100	100
Acetic Acid "	50	80	80	Oxalic Acid 옥 살 산	all	100	100
Acetic Acid "	75	60	50	Phosphoric Acid 인 산	all	100	100
Acetic Anhydride 빙 초 산	100	40	30	Picric Acid 피 크 린 산	10 in alcouol	100	50
Benzen Sulfonic Acid 벤 젠 설 폰 산	10	100	100	Perchloric Acid 과 염 소 산	10	80	70
Benzen Sulfonic Acid "	50	90	70	Perchloric Acid	30	50	40
Benzen Sulfonic Acid "	75	90	60	Sulfuric Acid 황 산	25-70	100	100
Benzoic Acid 안 식 향 산	all	100	100	Sulfuric	75	40	40
Benzoic Acid "	sat'd	90	80	Salicylic Acid 살 리 실 산	all	90	80
Boric Acid 붕 산	all	100	100	Stearic Acid 스 테 아 린 산	all	100	100
Butyric Acid 락 산	25-50	100	100	Tannic Acid 탄 닌 산	all	100	100
Butyric Acid "	100	50	30	Trichloro Acetic Acid 삼 염 화 초 산	50	100	100
Chloroacetic Acid 염 화 초 산	25	100	60	ALKALI			
Chloroacetic Acid "	50	70	40				
Chromic Acid 크 롬 산	5-10	90	70	Aqueous Ammonia 암 모 니 아 수	5	82	82
Chromic Acid "	20	80	70	Aqueous Ammonia "	10-20	70	60
Chromic Acid "	30	30	25	Ammonium Carbonate 탄 산 암 모 늄	50	70	60
Citric Acid 구 연 산	all	100	100	Ammonium Chloride 염 화 암 모 늄	all	100	100
Fluo Silicic Acid 불 화 규 소 산	10	80	80	Ammonium Bicarbonate 중 탄 산 암 모 늄	10-50	70	60
Fluo Silicic Acid "	25	70	50	Barium Carbonate 탄 산 바 른	all	120	110
Fluo Silicic Acid "	35	40	40	Calcium Hydroxide 수 산 화 칼 숨	25	100	90
Fluo Boric Acid 불 화 붕 소 산	all	100	100	Calcium Hydroxide "	100	90	90
Formic Acid 개 미 산	10	80	80	Potassium Hydroxide 수 산 화 칼 른	10-25	70	60
Formic Acid "	all	20	X	Potassium Hydroxide "	45	90	80
Hydrobromic Acid 취 화 수 소 산	25	80	80	Potassium Bicarbonate 중 탄 산 칼 른	10	80	60
Hydrobromic Acid "	50	70	60	Potassium Bicarbonate "	50	90	80
Hydrochloric Acid 염 산	10-20	100	100	Potassium Carbonate 탄 산 칼 른	10	80	60
Hydrochloric Acid "	30	80	80	Potassium Carbonate "	25	80	70
Hydrochloric Acid "	35	80	70	Potassium Carbonate "	50	90	80
Hydrocyamic Acid 시안화수소산	10	80	80	Sodium Hydroxide 수산화나트륨	5	80	70
Hydrofluoric Acid 불 화 수 소 산	10	70	60	Sodium Hydroxide "	10	80	80
Hydrofluoric Acid "	15	40	30	Sodium Hydroxide "	25-50	90	80
Hydrofluoric Acid "	20	30	30	Sodium Bicarbonate 중탄산나트륨	10	80	80
Hypochlorous Acid 차 아 염 소 산	10	100	80	Sodium Bicarbonate "	all	80	70
Hypochlorous Acid "	20	70	50	Sodium Carbonate 탄 산 나 트 른	10-25	90	80
Lactic Acid 젖 산	all	100	100	Sodium Carbonate "	32-35	80	80
Maleic Acid 말 레 인 산	all	100	100				
Nitric Acid 질 산	5	100	80				
Nitric Acid "	20	80	60				
Nitric Acid "	30	60	50				
Nitric Acid "	40	50	40				