

CO2 Pumps

TURBINE PUMPS (CORO-FLO®)

HIGH DIFFERENTIAL PRESSURE TURBINE MODELS DLF-SERIES

Note: DL models connect to motor frame sizes 182TC through 215TC.

F-SERIES (FRAME MOUNTED)

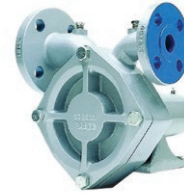
DIRECT MOUNT (C)

Base Model Number	Inlet	Outlet	Ship weight, pump (lbs)
DLF075	1-1/2" ASME (a)	1" ASME (a)	75
DLF150	1-1/2" ASME (a)	1" ASME (a)	75

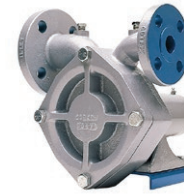
Note : (a) Class 300 RF flange

FRAME MOUNT

Base Model Number	Inlet	Outlet	Ship weight, pump (lbs)
F10	1-1/4" NPT	1" NPT	48
F12	1-1/2" NPT	1" NPT	48
F13	1-1/2" NPT	1" NPT	48
F14	1-1/2" NPT	1" NPT	48



DLF150



FI4CD2A

BLACKMER LIQUEFIED GAS PUMPS

Blackmer Liquefied Gas Pumps specifically designed for liquid CO2 service. High efficiency sliding vane, positive displacement pumps offer the best combined characteristics of sustained high level performance, energy efficiency, trouble free operation and low maintenance cost.

RMI Part No.		Inlet/Outlet	HP	Capacity GPM	
Pump & base	Pump only			50#	90#
CRLR1.25-DM	CRLR1.25	1-1/4"	2	6 GPM	1 X
CRL1.25-DM	CRL1.25	1-1/4"	3	11 GPM	7.5 GPM
CRL1.5-DM	CRL1.5	1-1/2"	3	17 GPM	15 GPM

RMI Part No.		Inlet/Outlet	Capacity GPM	
Pump & base	Pump only		50#	90#
TCRLF4		4" 300# flange Twin 2" NPT	275	245

RMI Part No.		Inlet/Outlet	Capacity GPM	
Pump & base	Pump only		50#	90#
CRL2-DM	CRL2	2"	62	55
CRL3-DM	CRL3	3"	120	95
CRL4-DM	CRL4	4" - 3"	275	245



CRL-1.25



CRL-3

BLACKMER BYPASS VALVES

Blackmer Bypass Valves are designed to protect pumps and system components from excessive pressure damage. In operation, Blackmer valves provide exceptional close pressure control, even under widely varying bypass conditions.

RMI Part No.	Size	Pump Size	STD PSI Range
BV-3/4	3/4"	1-1/4 - 1-1/2	70-100
BV-1	1"	1-1/4 - 1-1/2	70-100
BV-1-1/4	1-1/2"	1-1/2 - 2"	70-100
BV-1-1/2	3/4"	2 - 3"	90-125
BV-2	3/4"	3 - 4"	90-125



BV-1

CORKEN BYPASS VALVE

Dual purpose automatic priming and differential bypass valve. Allows vapor to return to tank keeping line primed.

RMI Part No.	Description	Cap. (GPM)
BI66-75	3/4" Bypass Valve 50-150 PSI	30
BI66-1	1" Bypass Valve 50-150 PSI	40
TI66-1.25	1-1/4" Bypass Valve 50-150 PSI	80
TI66-1.5	1-1/2" Bypass Valve 50-150 PSI	100



BI66-1



Non-stock/special order items are not cancellable or returnable

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