

# PUMPS

Lurmark has a full range of pumps, suitable for a variety of industrial applications. Some of the more common models with their features and benefits are shown on the following pages. This list is by no means exhaustive, if you can not find the information you need, or would like additional data, then contact our technical experts for more information.



Pump Type	Features	Typical Applications
CENTRIFUGAL	High volume. Smooth non-pulsating flow Low maintenance Compact size Easily disassembled Easy installation Non-positive displacement Low pressure Self priming available Non clogging	Parts washers Solvent recovery Water treatment General transfer Metal finishing Chemical processing Filtration Booster systems Marine cooling Agricultural spraying
DIAPHRAGM	Self priming Handles abrasives and corrosives Positive displacement Long life Medium to high pressure	Agricultural spraying General transfer Horticultural spraying
ROLLER	Easy maintenance Operates at PTO speeds Low to medium flow rates Low to medium pressure Positive displacement	Hot oil transfer Oil management Agricultural spraying Lawn care
FLEXIBLE IMPELLER	Self priming Pumps thin and viscous liquids One moving part High capacity - deliver greater flow for weight and size in comparison to other pump types High and low speeds possible Low pressure	Ink transfer General transfer Wash down Sump cleaning Barrel emptying Emulsions and shear sensitive fluids Handles abrasive solids
GEAR	Self priming High pressure possible Pumps viscous liquids	Chemical metering Solvent recovery Filtration Filling equipment Water treatment Pulp and paper processes Brine injection
PLUNGER	Low to medium flow rates Operates at high pressures Operates at PTO speeds	Car washing Industrial cleaners Parts washers



# PUMP SELECTION GUIDE

PUMP TYPE	SERIES	MAX FLOW (rate L/min)	MAX PRESSURE bar	MAX PORTS SIZE		DRIVE TYPE	MAX rpm	NUMBER OF DIAPHRAGMS	SEAL OR DIAPHRAGM MATERIAL
				Inlet	Outlet				
<b>LOW PRESSURE PUMPS</b>									
<b>Centrifugal</b>	Aqua Tiger	71	0.48	3/4	3/4	electric			Viton
	Aqua Tiger SS	71	0.48	3/4	3/4	electric			Viton
	9940	499	2.4	1 1/2	1 1/2				Viton
	9200/9500	348	5.5	1 1/2	1 1/4	petrol engine			Viton
	9000	350	5.5	1 1/2	1 1/4				Viton
	9000	440	5.5	1 1/2	1 1/4	gear			Viton
	9300P	310	5.8	1 1/2	1 1/4	hydraulic motor			Viton
	9000SP	613	8.6	2	2	gear			Viton
	9300	790	8.9	2	1 1/2	hydraulic motor			Viton
	1500SP	586	9.3	2	2	Honda Petrol			Viton
	1500	567	9.6	2	1 1/2	Honda Petrol			Viton
	9200SP	600	10.3	1 1/2-2	1 1/4-2				Viton
	9300SP	673	10.6	2	2	hydraulic motor			Viton
	9200	510	12	1 1/2	1 1/4				Viton
	<b>Diaphragm</b>	2088-953-233	5	1	1/2	1/2	dc/ac motors		3
8000-542-296		2	2	3/8	1/2	dc/ac motors		3	Viton, Buna, EPDM
8000-542-136		2	2	3/8	1/2	dc/ac motors		3	Viton, Buna, EPDM
8000-234-155		3	2	3/8	1/2	dc/ac motors		3	Viton, Buna, EPDM
8000-043-235		4	2	3/8	1/2	dc/ac motors		3	Viton, Buna, EPDM
8000-802-273		4	2	3/8	1/2	dc/ac motors		3	Viton, Buna, EPDM
8000-043-295		3	2.5	3/8	1/2	dc/ac motors		3	Viton, Buna, EPDM
8000-212-246		2	3	3/8	1/2	dc/ac motors		3	Viton, Buna, EPDM
2088-562-144		2	4	1/2	1/2	dc/ac motors		3	Viton, Buna
8000-772-233		2	5	3/8	1/2	dc/ac motors		3	Viton, Buna, EPDM
2088-474-144		1	6	1/2	1/2	dc/ac motors		3	Viton, Buna
2088-403-143		1.8	6	1/2	1/2	dc/ac motors		3	Viton, Buna
2088-403-144		2	7	1/2	1/2	dc/ac motors		3	Viton, Buna
2088-403-143		1	8	1/2	1/2	dc/ac motors		3	Viton, Buna
115bp/1000		94	15	1 3/4	1	splined shaft	1000	3	Desmopan, EPDM, Viton, Buna
70bp		72	20	1	1	splined shaft	550	2	Desmopan, EPDM, Viton, Buna
115bp		114	20	1 1/4	1	splined shaft	550	3	Desmopan, EPDM, Viton, Buna
135bp		132	20	1 1/4	1	splined shaft	550	3	Desmopan, EPDM, Viton, Buna
160bp		161	20	1 1/4	1 1/4	splined shaft	550	4	Desmopan, EPDM, Viton, Buna
185bp		180	20	1 3/4	1 1/4	splined shaft	550	4	Desmopan, EPDM, Viton, Buna
250bp		250	20	1 3/4	1 1/4	splined shaft	550	6	Desmopan, EPDM, Viton, Buna
280bp		282	20	1 3/4	1 1/4	splined shaft	550	6	Desmopan, EPDM, Viton, Buna
370bp(twin)		371	20	2 1/2	1 3/4	splined shaft	550	8	Desmopan, EPDM, Viton, Buna
<b>Flexible Impeller</b>	RG102	132	1.4	1	1		3600		Nitrite
	RG30G	41	1.7	1/2	1/2		3600		Nitrite
	RG50G	110	1.7	3/4	3/4		3600		Nitrite
	MRS9901	140	1.7	3/4-1 1/4	3/4-1 1/4		3450		Viton
	MRB9901	142	1.7	1/2-1	1/2-1		3450		Nitrite
<b>Roller Vane</b>	4001N-E2H	37	4	3/4	3/4	electric	1600		Viton
	4101N-E2H	22	7	3/4	3/4	electric	1600		Viton
	4101X-E2H	28	7	3/4	3/4	electric	1900		Viton
	40101C	26	10	3/4	3/4		2600		Viton
	4101N	26	10	3/4	3/4		2600		Viton
	4001C	34	10	3/4	3/4		1800		Viton
	4001N	34	10	3/4	3/4		1800		Viton
	1502C	227	10	1 1/2	1 1/2	Available with PTO Adaptor	1000		Buna-N
	1502N	227	10	1 1/2	1 1/2		1000		Buna-N
	1200C	272	10	1 1/2	1 1/2	Available with PTO Adaptor	800		Buna-N
	1700C	204	13	1	1		1000		Viton
	1700N	204	13	1	1		1000		Buna-N
	6500C	74	21	3/4	3/4	Available with PTO Adaptor	1200		Viton
	6500N	74	21	3/4	3/4		1200		Viton
	7560C	81	21	3/4	3/4	Available with PTO Adaptor	1000		Viton
	7560N	81	21	3/4	3/4		1000		Viton

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				Inlet	Outlet				
<b>LOW PRESSURE PUMPS (Cont)</b>									
Gear Pumps	AK	90	8.62	3/8-1	3/8-1		1725		Buna-N,Viton, Teflon
	AK	90	8.62	3/8-1	3/8-1		1725		Buna-N, Viton
	AK	90	8.62	3/8-1	3/8-1		1725		Buna-N, Viton
<b>MEDIUM PRESSURE PUMPS</b>									
Plunger	5300-twin piston	9	35	1/2	1/2		1450		Buna-N
Diaphragm	DUE	13	20	3/4	3/8	Semi hydraulic, petrol,electric	1450	2	Desmopan,EPDN, Viton, Buna
	202	20	20	3/4	3/8	Semi hydraulic, petrol,electric	650	2	Desmopan,EPDN, Viton, Buna
	252	25	25	1	1/2	Semi hydraulic, petrol,electric	650	2	Desmopan,EPDN, Viton, Buna
	303	30	40	1	1/2	Semi hydraulic, petrol,electric	550	3	Desmopan,EPDN, Viton, Buna
	30	35	40	1	1/2	Semi hydraulic, petrol,electric	550	2	Desmopan,EPDN, Viton, Buna
	403	40	40	1 1/4	1	Semi hydraulic, petrol,electric	550	3	Desmopan,EPDN, Viton, Buna
	50	52	40	1 1/4	1	Semi hydraulic, petrol,electric	550	2	Desmopan,EPDN, Viton, Buna
	503	55	40	1 1/4	1	Semi hydraulic, petrol,electric	550	3	Desmopan,EPDN, Viton, Buna
<b>HIGH PRESSURE PUMPS</b>									
Diaphragm	813	81	50	CONSULT LURMARK FOR DETAILS		Semi hydraulic, petrol, electric	550	3	Desmopan, EPDN,Viton,Buna
	800 S	81	50		Semi hydraulic, petrol, electric	550	3	Desmopan, EPDN,Viton,Buna	
	1064	105	50		Semi hydraulic, petrol, electric	550	4	Desmopan, EPDN,Viton,Buna	
	1000 S	105	50		Semi hydraulic, petrol, electric	550	4	Desmopan, EPDN,Viton,Buna	
	1265	126	50		Semi hydraulic, petrol, electric	550	5	Desmopan, EPDN,Viton,Buna	
	1200 S	126	50		Semi hydraulic, petrol, electric	550	5	Desmopan, EPDN,Viton,Buna	
	1254	130	50		Semi hydraulic, petrol, electric	550	4	Desmopan, EPDN,Viton,Buna	
	1516	151	50		Semi hydraulic, petrol, electric	550	6	Desmopan, EPDN,Viton,Buna	
	1500 S	151	50		Semi hydraulic, petrol, electric	550	6	Desmopan, EPDN,Viton,Buna	
	1554	155	50		Semi hydraulic, petrol, electric	550	4	Desmopan, EPDN,Viton,Buna	
Plunger	2300-car wash	15	80	3/8	1/2		1450		Buna-N
	2400-car wash	15	172	3/4	1/2		1100		Buna-N
	2400-plunger	26	248	3/4	1/2		1450		Buna-N

