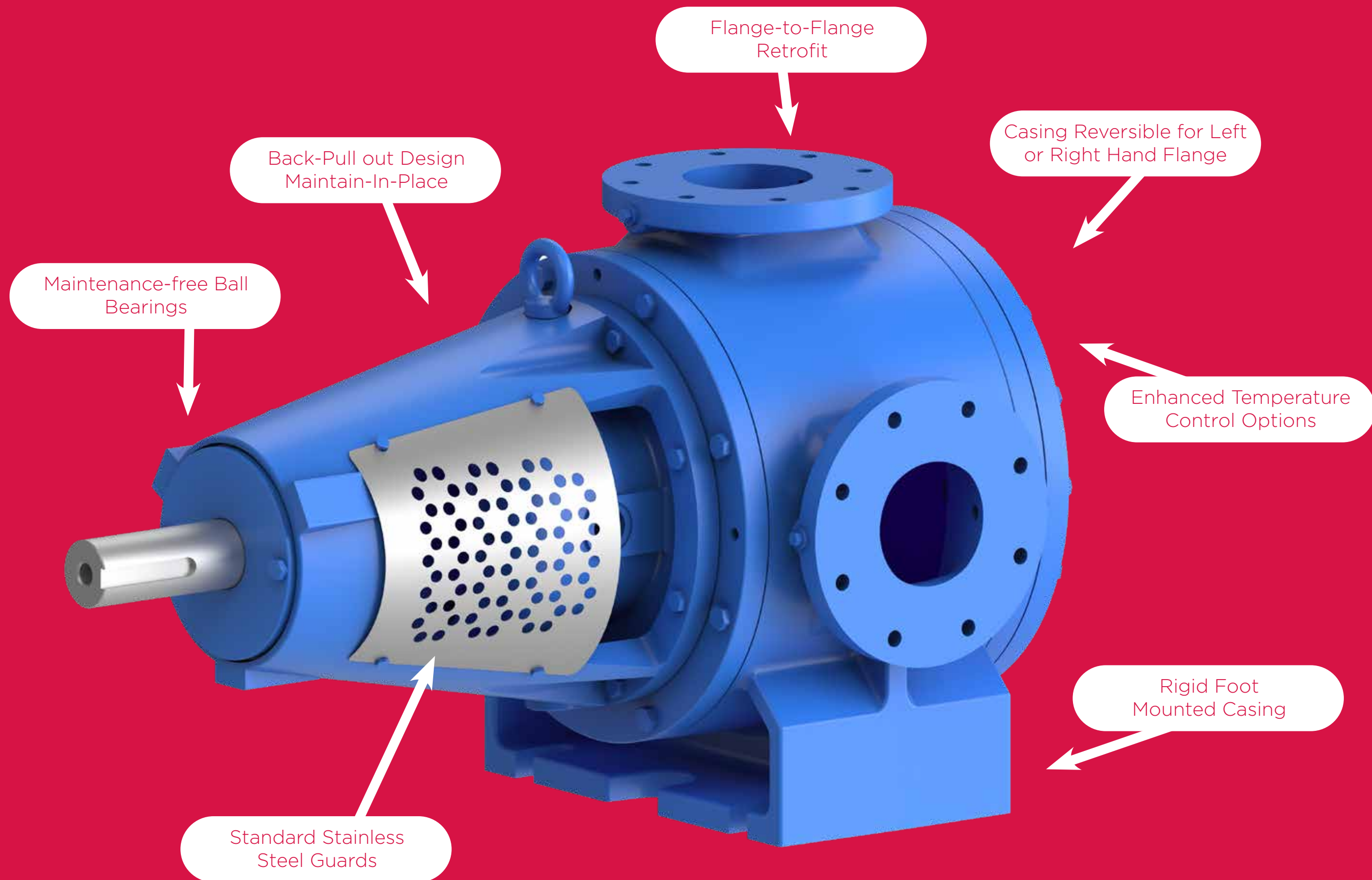




DESMI ROTAN® 90 PLUS Pump Series

Everything you would expect from a ROTAN® Pump and much more

DESMI ROTAN® 90 PLUS PUMP



Behind the Rotor Seal



Cartridge Seal



Magnetic Drive



Component / Mechanical Seal

Seal chamber can be designed to accept packing, lip seals, a variety of components, mechanical, single mechanical cartridge, and double mechanical cartridge seals.



DESMI ROTAN® Industry Applications:

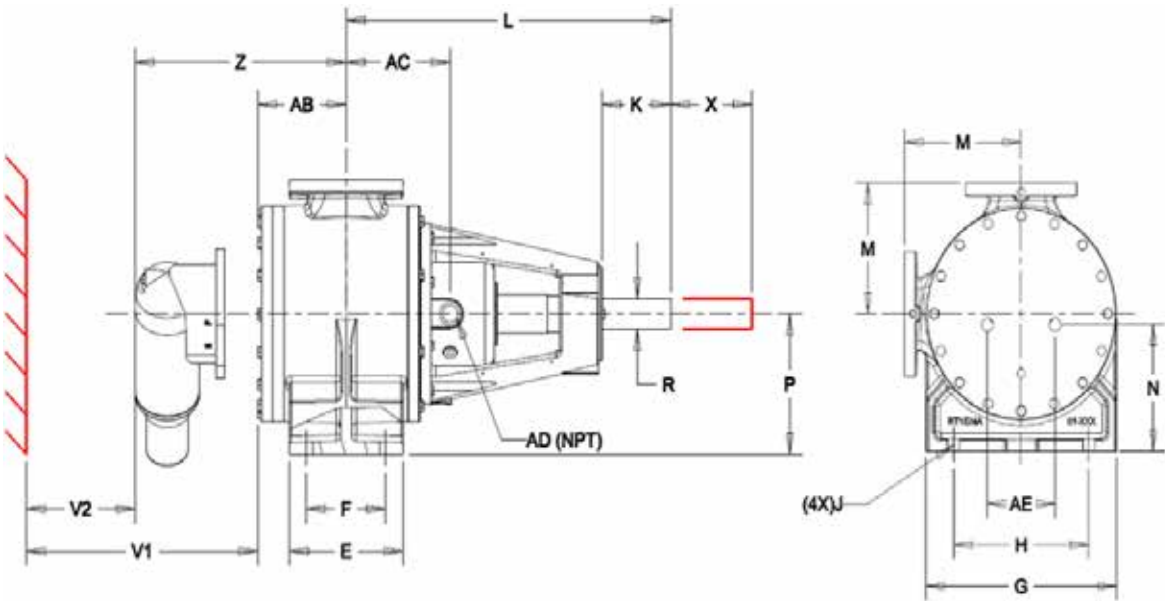
- Chocolate
- Asphalt Bitumen
- Oil Blending
- Isocyanate
- Paint & Ink
- Pulp & Paper
- Roofing Shingles
- Soap & Detergents
- Sugar & Molasses

True Back-Pull-Out Design - MIP

Maintain-In-Place



DESMI ROTAN® 90 PLUS Models



Pump Size	Line Size	HDxxxxLFDK-pump dimensions with 90° + pipe connections																				
		E	F	G	H	J	K	L	M	N	P	R	S	T	U	V1/V2	X	AB	AC	AD	AE	AF
1013	3"	6.10	4.92	9.65	6.30	0.59	4.06	17.50	7.19	7.00	7.00	32	35.50	10	0.55	4.53	4.53	4.59	5.55	3/4"	3.54	3/4"
1263	3"	7.09	4.72	11.02	7.48	0.75	4.76	22.64	7.19	7.00	7.00	42	45.50	12	0.71	5.51	5.51	4.84	6.34	1"	4.41	3/4"
1524	4"	9.06	6.30	15.51	11.02	0.94	5.24	25.87	9.50	9.21	10.00	55	60	16	0.87	7.61	7.61	6.54	8.29	1"	5.51	3/4"
1525	5"	9.06	6.30	15.35	11.02	0.94	5.24	25.87	10.00	8.71	9.50	55	60	16	0.87	7.61	7.61	6.54	8.31	1"	5.51	3/4"

Capacity Compare		
Pump size	LQ4124	1013
GPM @ RPM	135 @ 640	135 @ 575
Pump size	LL124	1013
GPM @ RPM	140 @ 520	140 @ 593
Pump size	LS4124	1263
GPM @ RPM	200 @ 640	200 @ 525
Pump size	M4124	1524
GPM @ RPM	420 @ 420	420 @ 380
Pump size	M260	1524
GPM @ RPM	360 @ 280	490 @ 440

DESMI ROTAN®	ENVIROGEAR® G / E	VIKING®	TUTHILL®	GORMANRUPP®
HD1013	G1-55, E1-55	*L & *LQ	*200	GHS 3
HD1013	G1-69, E1-69	LL	*201	GHS 3
HD1263	G1-82, E1-82	LS	250	GHS 3
HD1524	N/A	M	N/A	N/A
HD1525	N/A	M	N/A	N/A

* indicates standard threaded connections, but when supplied with 3" flanged casings, do have the same flange to flange dimensions.
 * Viking® is a registered trademark of Viking Pump, Inc., a unit of IDEX Corporation. Tuthill® is a registered trademark of Tuthill Corporation. Gorman-Rupp® is a registered trademark of Gorman-Rupp® Company.

DESMI ROTAN® Options

Drop-In Replacement Options



Four material options with Inline or 90° port connections up to 1,100 gpm



Mag Drive Pump in four material options with Inline or 90° port connections up to 400 gpm



Close coupled pumps in four material options, Inline or 90° port connections up to 225 gpm



1" to 6" drop-in for flows up to 500 gpm



1" to 3" drop-in for flows up to 75 gpm



3" drop-in Asphalt replacement 200 gpm

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INDUSTRY

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