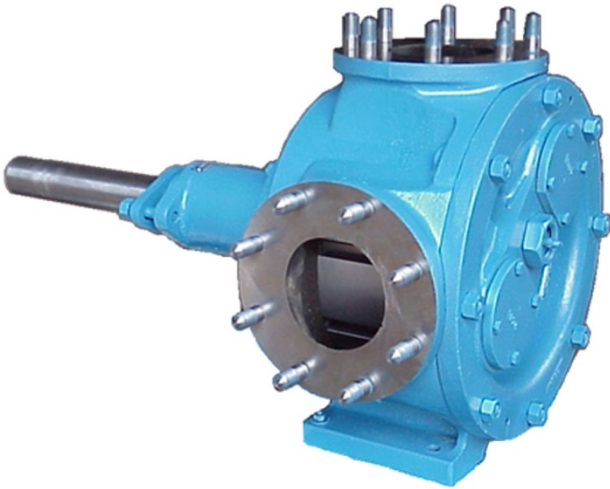


VIKING PUMP CANADA	TECHNICAL DATA SHEET		FORM	TDS-32
	ROTARY GEAR POSITIVE DISPLACEMENT PUMPS		PAGE	1 OF 1
	SERIES 32 – GENERAL PURPOSE PUMPS		ISSUE	1/1/2017



THE SERIES 32 PUMP IS EXTREMELY WELL SUITED FOR LIGHT, MEDIUM AND INTERMITTENT SERVICE HANDLING A WIDE RANGE OF LIQUIDS.

THE PUMP IS SUPPLIED WITH A MULTI-RING, EXTRA DEEP STUFFING BOX TO REDUCE LEAKS TO AN ABSOLUTE MINIMUM.

MECHANICAL SEAL IS AVAILABLE AS AN OPTIONAL FEATURE.

A SUPPORTING ANTI-FRICTION BEARING PILLOW BLOCK IS RECOMMENDED FOR THE END OF THE PUMP ON ALL INSTALLATIONS.

PUMP CAN BE PROVIDED WITH INTEGRAL RELIEF VALVE

CAPACITIES – TO 480 USGPM (1817 L/M)
DIFFERENTIAL PRESSURES – TO 75 PSI (690 kPa)
TEMPERATURES – TO 450°F (232°C)
VISCOSITIES – TO 250,000 SSU (54,900 cSt)

STANDARD CONSTRUCTION

CASING (1)	HEAD	ROTOR	IDLER	ROTOR SHAFT	IDLER PIN	IDLER AND CASING BUSHINGS		SHAFT SEAL	INTEGRAL RELIEF VALVE
						STANDARD	OPTION		
IRON	IRON	IRON	IRON	STEEL	STEEL	BRONZE	CARBON	C1065 PACKING (2)	IRON

SPECIFICATIONS

MODEL NO.	PORT SIZE	NOMINAL PUMP RATING AT			MOTOR HP REQUIRED BASED AT RATED SPEED 100 SSU/21 CS LIQUID				MAXIMUM HYDRO-STATIC PRESSURE		MAX. REC. DISCHARGE PRESSURE		MAXIMUM RECOMM. TEMPERATURE (PACKED)		APPROX. SHIPPING WEIGHT	
					50 PSI 345 kPa		100PSI 690kPa									
		Inch	GPM	LPM	RPM	HP	Kw	HP	Kw	PSI	kPa	PSI	KPa	°F	°C	LBS
Q-32	4 ANSI	205	776	350	10.0	7.46	-	-	400	2758	75	517	450	232	345	157
M-32	4 ANSI	290	1098	280	13.7	10.22	-	-	400	2758	75	517	450	232	470	213
N-32	5 ANSI	480	1817	280	23.0	17.15	-	-	400	2758	75	517	450	232	600	272

1. RIGHT HAND PORTS ARE STANDARD.
2. MECHANICAL SEAL ALSO AVAILABLE
3. FOR HIGHER TEMPERATURES CONSULT FACTORY FOR RECOMMENDATIONS.