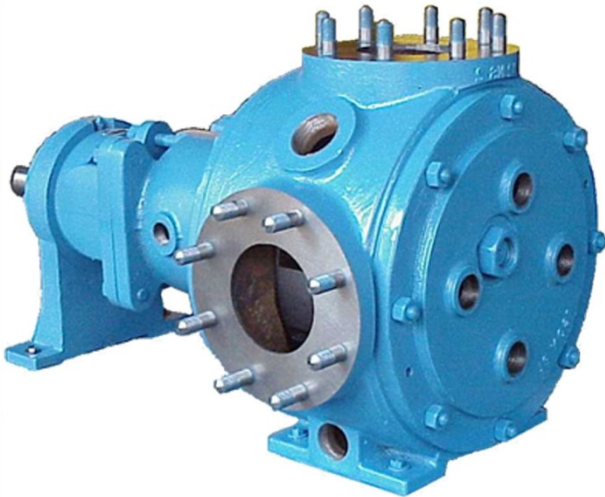


VIKING PUMP CANADA	TECHNICAL DATA SHEET		FORM	TDS-260
	ROTARY GEAR POSITIVE DISPLACEMENT PUMPS		PAGE	1 OF 1
	SERIES 260 – JACKETED SPECIALIZED ROTARY PUMPS		ISSUE	1/1/2017



THE SERIES 260 PUMPS ARE DESIGNED TO HANDLE HEAVY VISCOUS LIQUIDS REQUIRING TEMPERATURE CONTROL.

THEY ARE A JACKETED VERSION OF THE 332 SERIES PUMPS.

THESE PUMPS ARE AVAILABLE WITH JACKETED CASING, HEAD, ROTOR BEARING SLEEVE AND INTEGRAL RELIEF VALVE.

CAPACITIES: TO 1855 L/MIN (490 USGPM)
DIFFERENTIAL PRESSURES: TO 1380 kPa (200 PSI)
TEMPERATURES: TO 343°C (650°F)
VISCOSITIES: TO 440,000 cSt (2,000,000 SSU)

CONSTRUCTION FEATURES

- **THRUST BEARING** – HEAVY DUTY TYPE, GREASE LUBRICATED OVERSIZED THRUST BEARING TO WITHSTAND EXCESSIVE THRUST AND RADIAL LOADS. BEARING IS NOT EXPOSED TO PUMPED LIQUID.
- **RELIEF VALVE** – (STD) TO PROTECT AGAINST EXCESSIVE PRESSURES, PUMPS ARE SUPPLIED WITH INTEGRAL HEAD MOUNTED RELIEF VALVES.
- **JACKETED FEATURES** – (STD) JACKETED CASING IS SUPPLIED STANDARD FOR ALL MODELS. CASINGS ARE FURNISHED WITH TAPPED CONNECTIONS TO ACCOMMODATE HEATING OR COOLING LINES. (OPTIONAL) JACKETED HEAD, JACKETED RELIEF VALVE, AND JACKETED ROTOR BEARING SLEEVE ARE AVAILABLE.

STANDARD CONSTRUCTION

CASING (1) HEAD (2) RBS (3)	ROTOR (4)	IDLER	SHAFT	IDLER PIN	IDLER AND BRACKET BUSHING (5)		SHAFT SEAL (6) (7)	INTEGRAL RELIEF VALVE (8)
					STANDARD	OPTION		
IRON	IRON	IRON	STEEL	STEEL	BRONZE	CARBON GRAPHITE	PACKED	IRON

SPECIFICATIONS

MODEL NO.	PORT SIZE (INCH)	NOMINAL PUMP RATING AT 345 kPa (50 PSI) 21 cSt (100 SSU)			MOTOR POWER REQUIRED BASED ON RATED SPEED 21 cSt (100 SSU)				MAX HYDRO-STATIC PRESSURE		MAX REC. DISCHARGE PRESSURE OVER 21 cSt (100 SSU)		MAX RECOMMENDED TEMPERATURE PACKED (9)		APPROX. SHIPPING WEIGHT	
					345 kPa (50 PSI)		690 kPa (100 PSI)									
		GPM	L/MIN	RPM	HP	kW	HP	kW	PSI	kPa	PSI	kPa	°F	°C	LB	KG
Q-260	4" FLANGED	250	946	350	13.3	9.92	23	17.16	400	2758	200	1379	450	232	441	200
M-260	5" FLANGED	360	1363	280	17	12.68	33	24.62	400	2758	200	1379	450	232	675	306
N-260	5" FLANGED	490	1855	280	21	15.67	42	31.33	400	2758	125	862	450	232	877	398

JACKET RATINGS

JACKET RATINGS	MAX TEMPERATURE		MAX PRESSURE	
	°F	°C	PSI	kPa
SATURATED STEAM	365	185	150	1034
HOT OIL	650	343	150	1034

1. JACKETED CASING STANDARD ON SERIES 260 PUMPS

2. NON-JACKETED HEAD WITH INTEGRAL RELIEF VALVE IS STANDARD. JACKETED HEAD IS AVAILABLE AS AN OPTION. A COMBINATION OF JACKETED HEAD AND NON-JACKETED OR JACKETED RELIEF VALVE IS NOT AVAILABLE.

3. JACKETED ROTOR BEARING SLEEVE IS AVAILABLE AS AN OPTION.

4. DUCTALLOY ROTOR IS STANDARD ON M-260 AND N-260 PUMPS.

5. OTHER BUSHINGS AVAILABLE TO SUIT APPLICATION

6. STANDARD PACKING IS C-1065 GRAPHITE/PTFE.

7. MECHANICAL SEALS ARE AVAILABLE. BUNA IS STANDARD ELASTOMER. VITON AND PTFE ELASTOMERS ARE AVAILABLE UPON REQUEST.

8. ALL IRON NON-JACKETED RELIEF VALVE IS STANDARD ON 260 SERIES. JACKETED RELIEF VALVE IS AVAILABLE AS AN OPTION. A COMBINATION OF JACKETED HEAD AND NON-JACKETED OR JACKETED RELIEF VALVE IS NOT AVAILABLE.

9. FOR HIGHER TEMPERATURES CONSULT FACTORY