

Hydra-Cell® T and Q Series Performance Range (to API 674)



T100 Low pressure

Plunger Size	Pump Code Letter	Duty	Maximum pressure Bar	Maximum rpm	Maximum Flow Rate m³/hr (l/m)	Minimum rpm at Rated Pressure	Flow Rate at Min rpm m³/hr (l/m)
2.5"	E	Continuous	103	375	18.3 (305)	45	2.2 (36.6)
		Intermittent	103	450	22 (366)		
2.25"	F	Continuous	128	375	14.5 (242)	45	1.7 (29)
		Intermittent	128	450	17.4 (290)		
2.125"	H	Continuous	144	375	12.9 (215)	45	1.5 (25.8)
		Intermittent	144	450	15.5 (258)		

T100 Medium pressure

Plunger Size	Pump Code Letter	Duty	Maximum pressure Bar	Maximum rpm	Maximum Flow Rate m³/hr (l/m)	Minimum rpm at Rated Pressure	Flow Rate at Min rpm m³/hr (l/m)
1.75"	K	Continuous	207	375	8.7 (144)	45	1 (17.3)
		Intermittent	207	450	10.4 (173)		
1.625"	M	Continuous	206	375	7.2 (120)	45	0.9 (14.4)
		Intermittent	206	450	8.6 (144)		

T100 High pressure

Plunger Size	Pump Code Letter	Duty	Maximum pressure Bar	Maximum rpm	Maximum Flow Rate m³/hr (l/m)	Minimum rpm at Rated Pressure	Flow Rate at Min rpm m³/hr (l/m)
1.375"	S	Continuous	345	375	5 (83.3)	45	0.6 (10)
		Intermittent	345	450	6 (100)		

Notes:

- These tables apply to all available liquid end material options.
- Continuous duty defined as 24/7 365 days pa
- Minimum rpm is a factor of pressure. The pressure/flow values in the tables above differ from the values in the manuals. These combinations of pressure and flow rate are purely to enable the pumps to meet API 674 design requirements and do not reflect the pumps' performance capabilities.

Hydra-Cell® T and Q Series Performance Range (to API 674)



Q155 Low pressure

Plunger Size	Pump Code Letter	Duty	Maximum pressure Bar	Maximum rpm	Maximum Flow Rate m³/hr (l/m)	Minimum rpm at Rated Pressure	Flow Rate at Min rpm m³/hr (l/m)
2.5"	E	Continuous	103	450	36 (595)	45	3.6 (59.8)
		Intermittent	103				
2.25"	F	Continuous	128	450	29 (480)	45	2.9 (48)
		Intermittent	128				
2.125"	H	Continuous	144	450	25 (421)	45	2.5 (42)
		Intermittent	144				

Q155 Medium pressure

Plunger Size	Pump Code Letter	Duty	Maximum pressure Bar	Maximum rpm	Maximum Flow Rate m³/hr (l/m)	Minimum rpm at Rated Pressure	Flow Rate at Min rpm m³/hr (l/m)
1.75"	K	Continuous	207	450	18 (294)	45	1.8 (29)
		Intermittent	207				
1.625"	M	Continuous	206	450	15 (246)	45	1.5 (25)
		Intermittent	206				

Notes:

- These tables apply to all available liquid end material options.
- Continuous duty defined as 24/7 365 days pa
- Minimum rpm is a factor of pressure. The pressure/flow values in the tables above differ from the values in the manuals. These combinations of pressure and flow rate are purely to enable the pumps to meet API 674 design requirements and do not reflect the pumps' performance capabilities.