



Key Factors by External Gear Pump Technology

External Gear Internal Gear Rotary Vane Peristaltic Solenoid

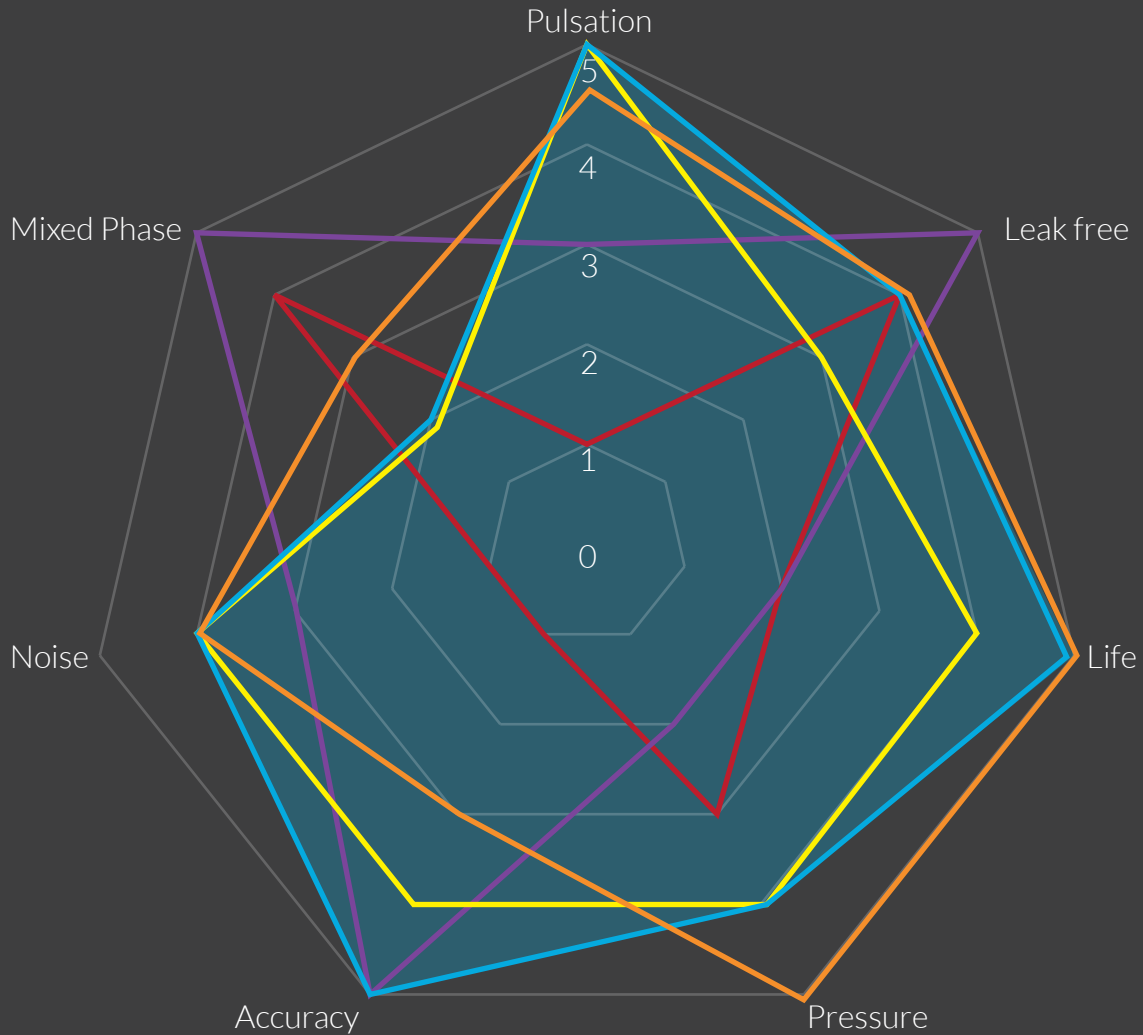


Chart showing the key characteristics of Fluid-o-Tech pumps and the relative capabilities of the different technologies. The higher the score, the better the capability.

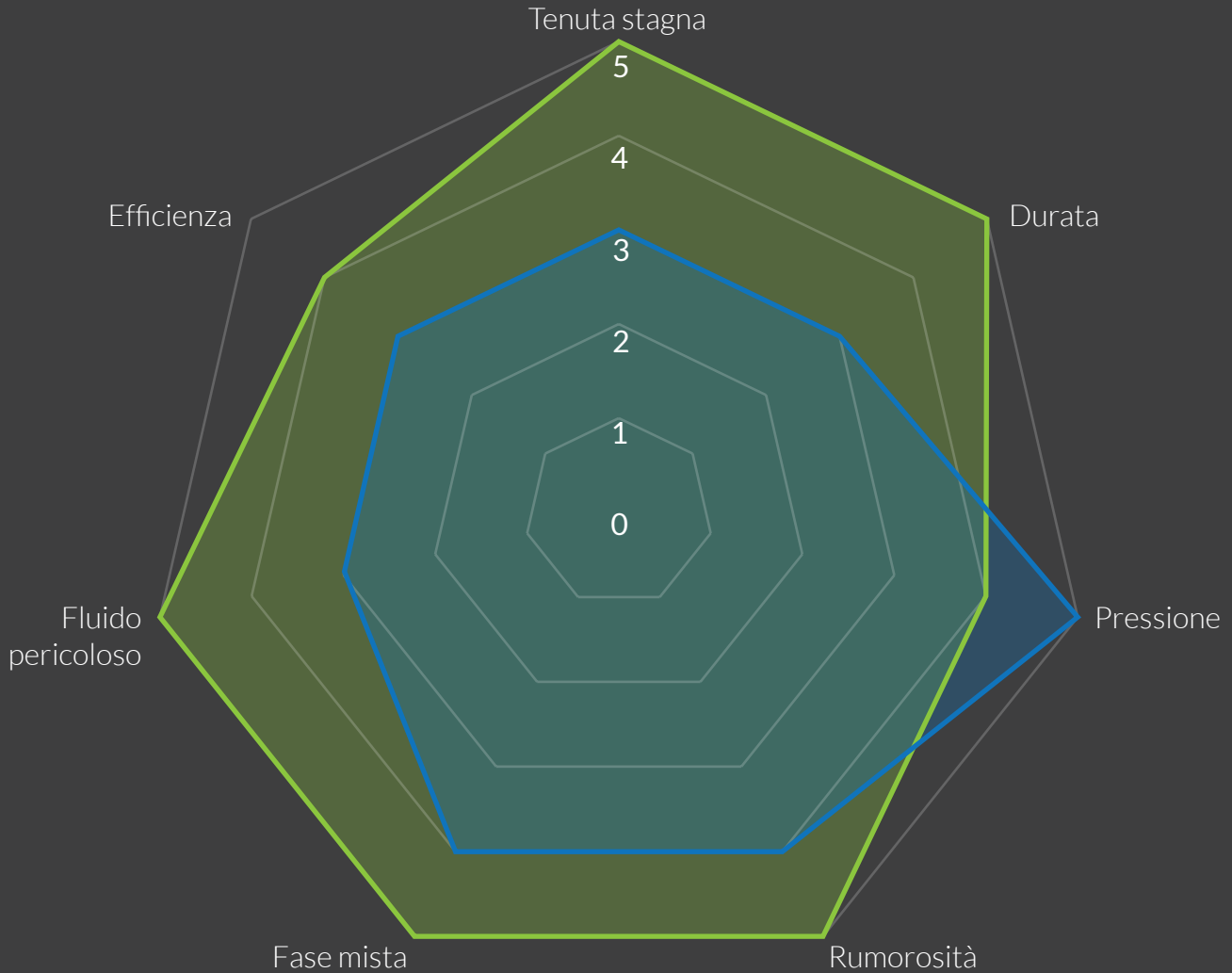
	Pulsation	Sealing	Life	Pressure	Accuracy	Noise	Mixed Phase
1	1 per revolution/stroke	Sliding O ring	<100 hours	< 1 Bar	>2%	Loudest	Not possible
2	2 per revolution/stroke	Rotating O ring	<2000 hours	< 4 Bar	2,0%		
3	3 per revolution/stroke	Mechanical seal	<5000 hours	< 7 Bar	1,0%		Possible with care
4	>3 per revolution	Static Seal	<10000 hours	< 10 Bar	0,5%		
5	No measureable pulsation*	Contiguous form	>10000 hours	>10 Bar	> 0,1%	Quietest	No issues

*Depends on motor speed and circuit design



Trascinamento Magnetico vs Attacco Diretto

Trascinamento Magnetico Attacco Diretto



Il grafico mostra le caratteristiche principali della tecnologia della pompe a trascinamento magnetico rispetto a quella ad attacco diretto. Maggiore è il punteggio, migliore la capacità.

	Tenuta stagna	Vita	Pressione	Rumorosità	Fase mista	Fluido pericoloso	Efficienza
1	Leakage Perdite	<10000 ore	< 1 Bar	Molto rumorosa	No	No	Geringe Leistungsfähigkeit
2		<20000 ore	< 4 Bar				
3	Wenige Tropfen A few drops Leckverlust	<50000 ore	< 7 Bar			No, incompatible	
4		<100000 ore	< 10 Bar				
5	Kein Leckverlust	>100000 ore	>10 Bar	Mit Quiet-Design	Yes	Yes, Ja wenn mit den Pumpenwerkstätten kompatibel compatible with pump	Hohe Leistungsfähigkeit