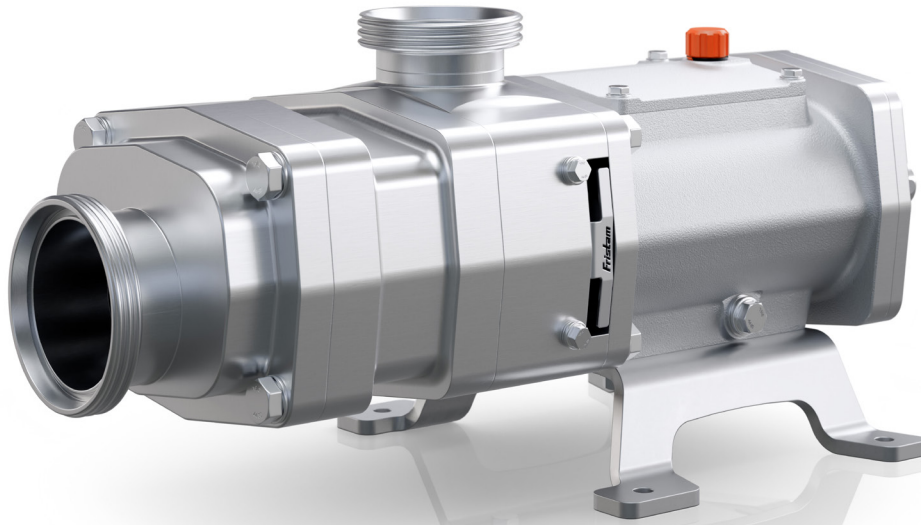


Technical tables



MODEL	FDS 1	FDS 2	FDS 3	FDS 4	FDS 5
Max. Discharge Pressure [Bar]	25 bar				
Max. Flowrate [M ³ /H]	20	40	100	250	500
Connection Dn [Mm]	15-50	40-80	65-150	80-200	100-300
Max. Rotation Speed [rpm]	3600				2,800
Max. Particle Size [Mm]	18 (26)	26 (36)	32 (48)	41 (57)	55 (78)
Feed Screw Pitches Styles	9 standard sizes, adaptations made to order				
Connection Types	To suit process requirements				
Viscosity Range	0.5 to 1 million cP				
Rotation	Clockwise or counter-clockwise				
Max. Temperatures (°C)	150°C standard, 220°C special version				
Gasket Materials	FKM, EPDM, HNBR and FFKM				
Mounting	Horizontal (B3) standard, vertical or sideways possible				
Mechanical Seals	Single and double (flushed or pressurised)				

SAMPLE APPLICATION

	PRODUCT	CIP
Medium	Fruit concentrate	CIP solution
Viscosity	200-1,000 cP	1 cP
Flow rates	6 m ³ /h	18 m ³ /h
Differential pressure	8 - 10 bar	2 bar
Temperature	5 - 30°C	85°C
Shaft power	2.8 - 3.5 kW	3 kW
Speed - rpm	650 - 750 min ⁻¹	1,800 min ⁻¹
Motor frequency	30-40 Hz	95 Hz