

Screw pumps – PDA series with bell housing

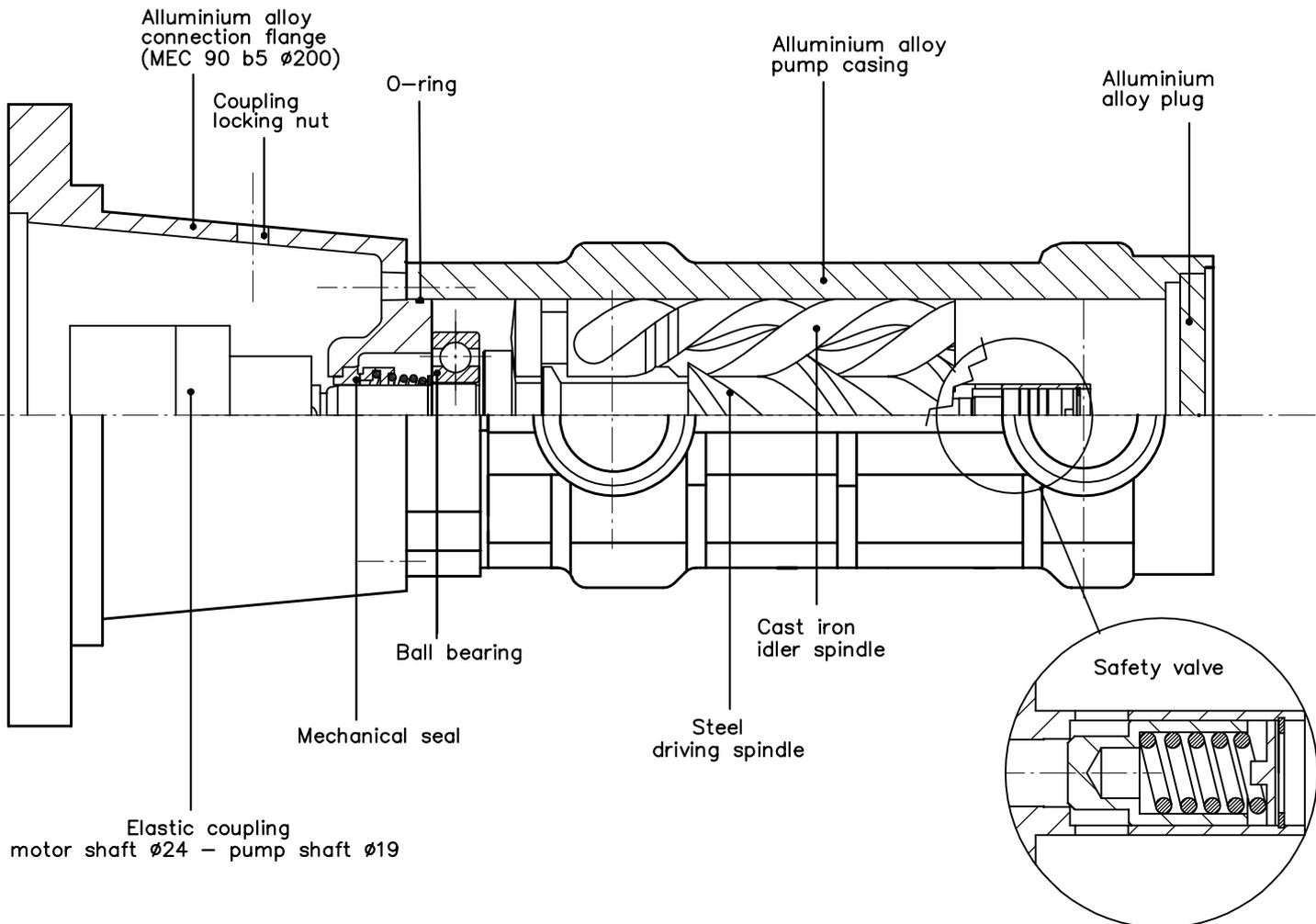
For hydraulic oils, lubricating oils
 Admissible delivery pressure 10 bar
 Standard valve setting 6 bar



Main field of application:

Low pressure lubrication systems, auxiliary filtration systems, cooling systems

Section and components



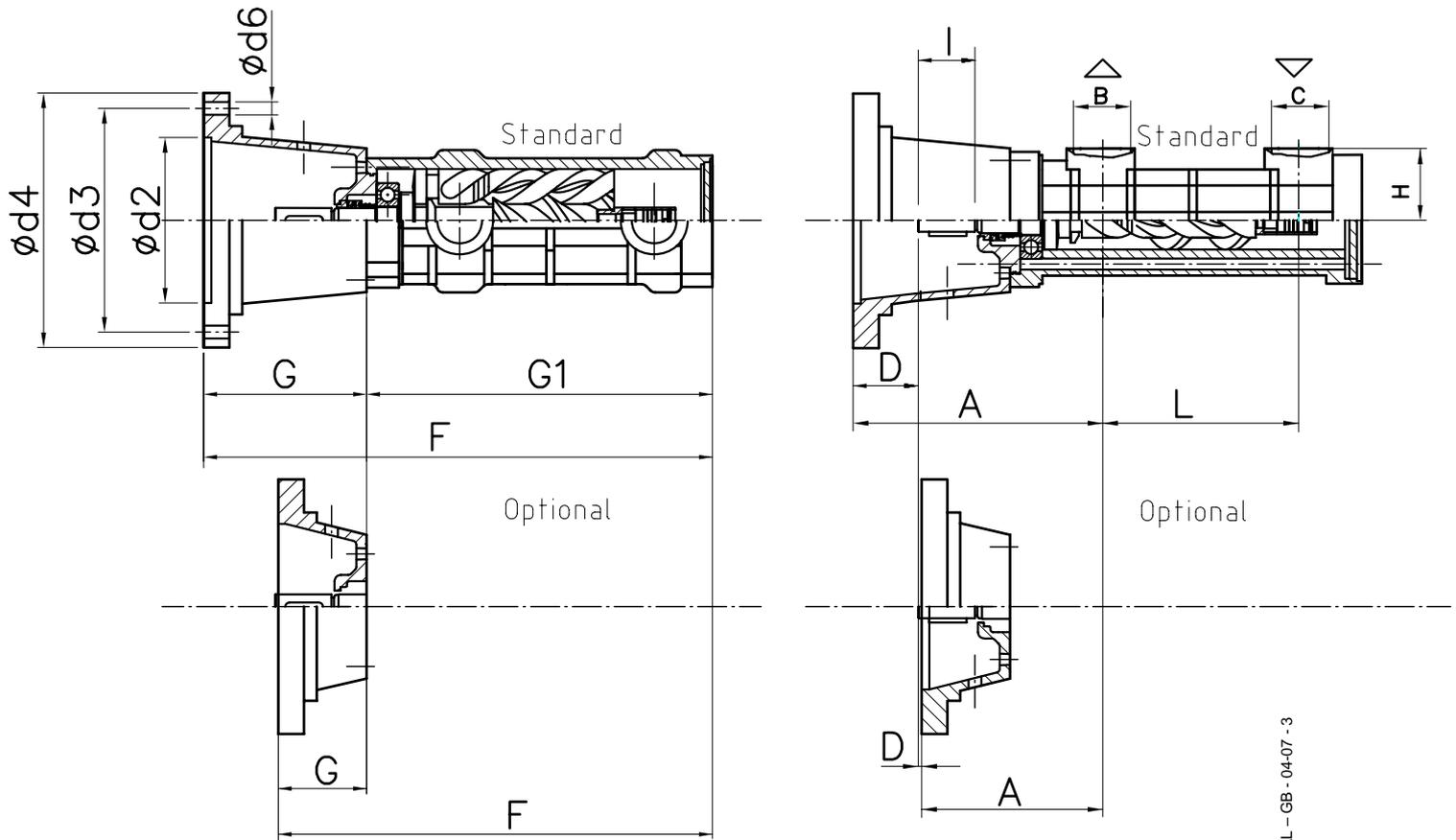
Functional characteristics standard version

Delivery flow	21 to 160 l/min (5,5 to 42,2 USGPM)	
Admissible delivery pressure*	up to 10 bar (145 psi)	
Admissible suction pressure	-0,4 to 2 bar (-5,8 to 29 psi)	For different values contact SEIM
Kinematics viscosity	20 to 400 cSt	For different values contact SEIM
Admissible temperature	0 to 100 °C (32 to 212 °F)	For different values contact SEIM
Driving speed	750 to 3600 rpm	
Average noise level	56 ÷ 62 dB(A) at 2900 rpm according to pump dimension	
Recommended filtration	60 micron max, suction side (not abrasive contaminant) ISO4406 19 / 16 – NAS 10	
Direction of rotation	clockwise, as seen from the driving side	

* Reduced pressure limits apply due to fluid viscosity and driving speed
 Consult the performance charts for the individual pump size
 For different functional characteristics, please contact our sales department

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Dimensional chart (mm)

MODELLO	A	B	C	D	F	G	G1	H	I	L	d2	d3	d4	d6
PDA029#2..01 STD.	191	1"	1"	67	353	127	226	44	35	122	130	165	200	M10
PDA032#2..01 STD.														
PDA040#2..01 STD.	191	1 1/4"	1 1/4"	67	374	127	247	48		140	130	165	200	
PDA029#2..01 OPT.	122	1"	1"	2	284	58	226	44		122	130	165	200	
PDA032#2..01 OPT.														
PDA040#2..01 OPT.	122	1 1/4"	1 1/4"	2	305	58	247	48	140	130	165	200		

SEIM srl

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SEIM reserves the right to introduce dimensional changes or variation to the products of this technical data