

Screw pumps - PZ series

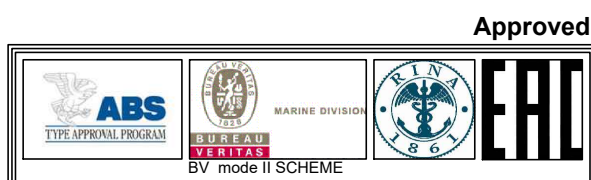
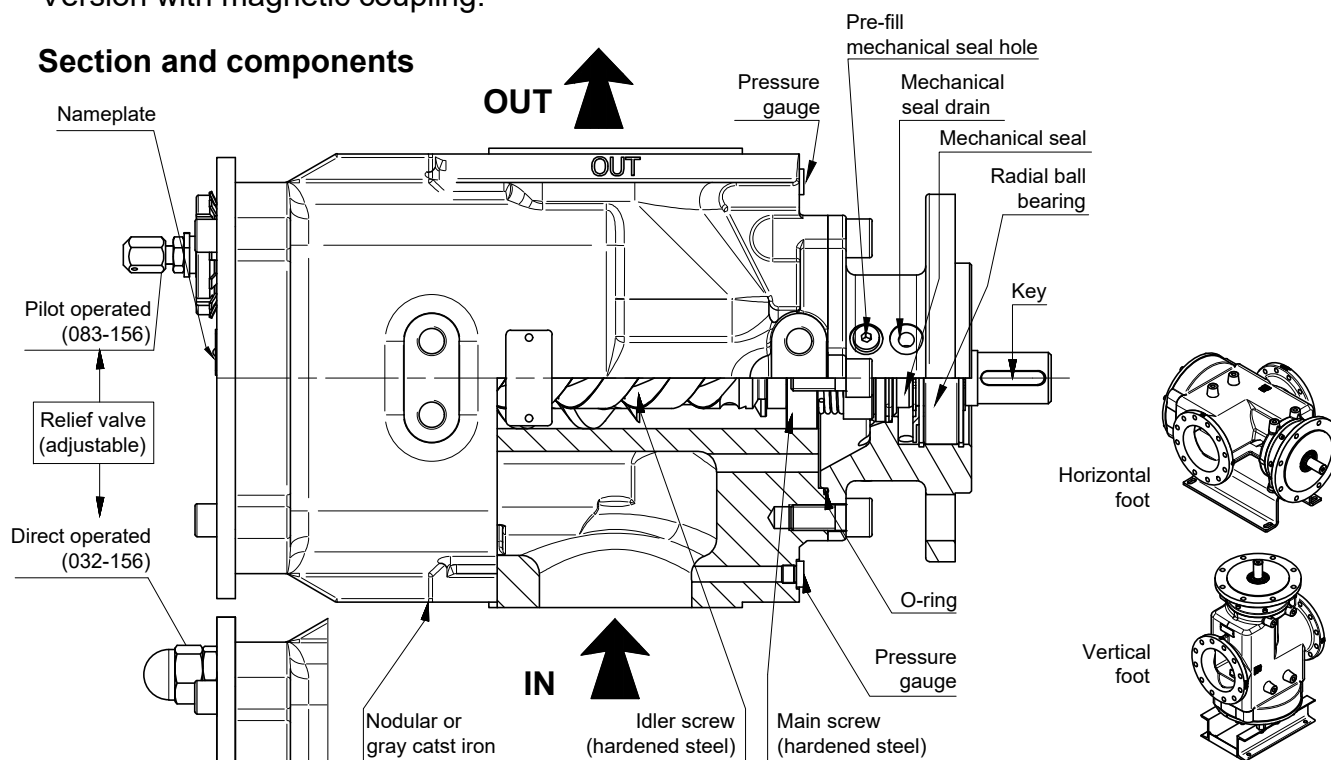
For hydraulic oils, lubricating oils, HFO, FO, DO, GO, ULSD, LSMGO.
Admissible delivery pressure (continuous) = 16 bar from 750 to 3600 rpm



Main field of application

Pumps for lubrication systems and auxiliary cooling, with relief valve.
Fuel supply line (feeder and circulation), transfer and cargo.
Version with magnetic coupling.

Section and components



Approved

CERTIFICATION

Available on demand



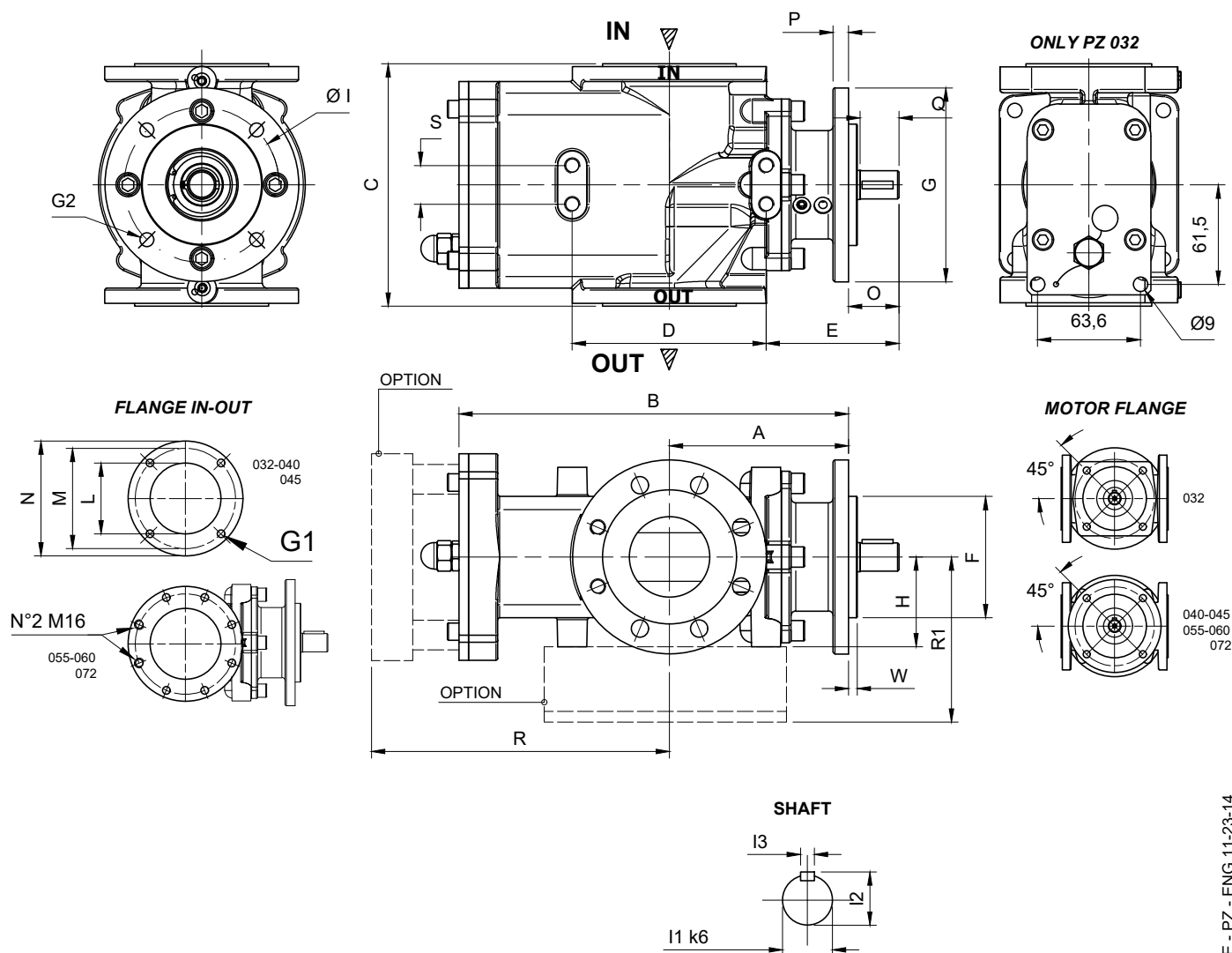
Functional characteristics standard version

Delivery flow	up to 5400 l/min (up to 1425 USGPM)	
Admissible delivery pressure *	up to 16 bar (232 psi) from 750 to 3600 rpm	
Admissible suction pressure	from -0,5 to 10 bar (from -7,3 to 145 psi)	
Kinematics viscosity	from 1,2 to 1500 cSt STD (< 5000 cSt special)	For different values contact SEIM
Admissible temperature	from 0 to 150 °C (32 a 302 °F)	For different values contact SEIM
Driving speed	from 750 to 3600 rpm (from PZ032 to 072) from 750 to 1800 rpm (from PZ083 to 156)	For different values contact SEIM
Relief valve (Adjustable)	Pilot operated: for hydraulic oils, lubricating oils, FO, DO, GO, ULSD, LSMGO Direct operated: for HFO - DO	
For different application contact SEIM		
Average noise level	60 - 75 dB(A) at 1800 rpm according to pump dimension	
Raccomended oil filtration	60 micron max (not abrasive contaminant) ISO 4406 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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SIZE	A	B	C	D	E	F	G	G1	G2	H	I	I1	I2	I3	L	M	N	O	P	Q	R	R1	S	W
PZ 032#3	132	218	150	//	//	110 (h7)	111	M16	9	//	130	14 (k6)	16	5	DN32 PN16	100	//	50	12	29	//	//	//	6
PZ 040#3	153	301	220	//	//	100 (h7)	160	18	11	//	125	19 (k6)	21.5	6	DN50 PN16	125	165	41	14	30	250	//	//	9
PZ 055#3	185	402	250	200	137	125 (h7)	200	18	14	92.5	160	28 (k6)	31	8	DN80 PN16	160	200	52	16	40	350	188	40	9
PZ 060#3	220	447	270	200	170	160 (h7)	234	18	18	105	200	32 (k6)	35	10	DN100 PN16	180	220	50	15	42	350	200	40	5

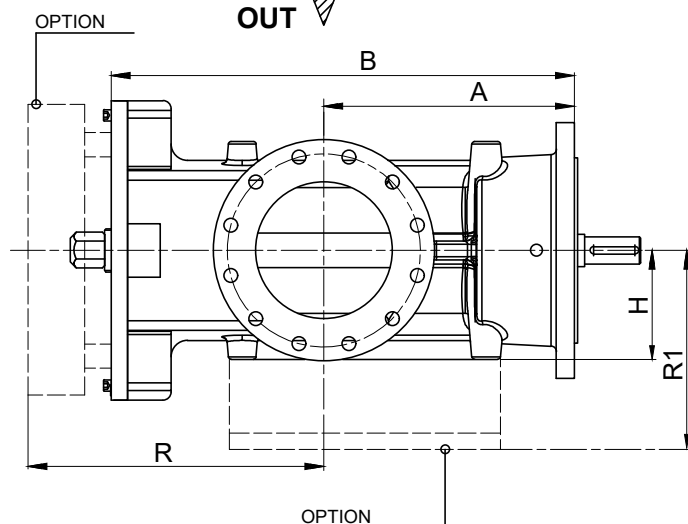
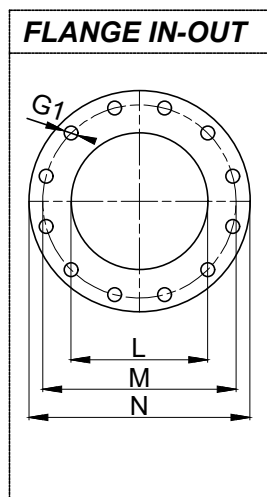
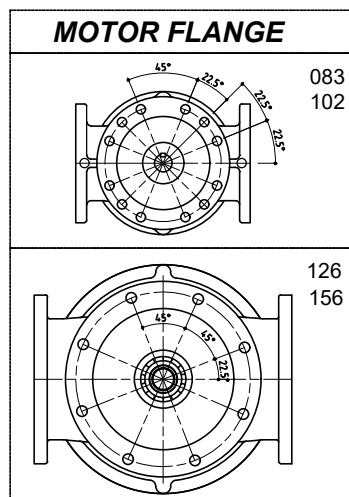
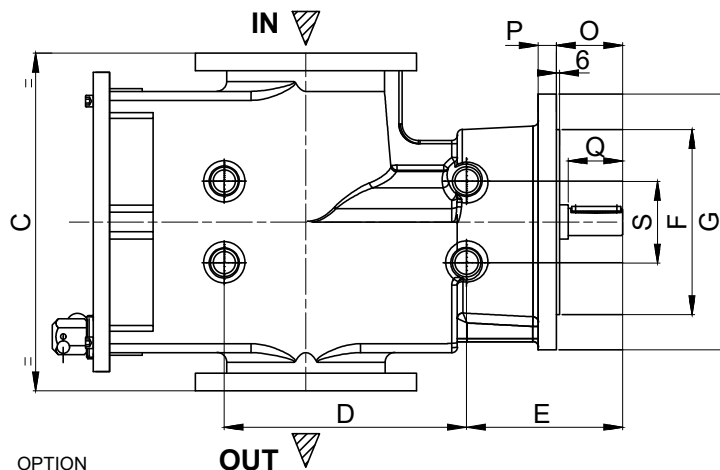
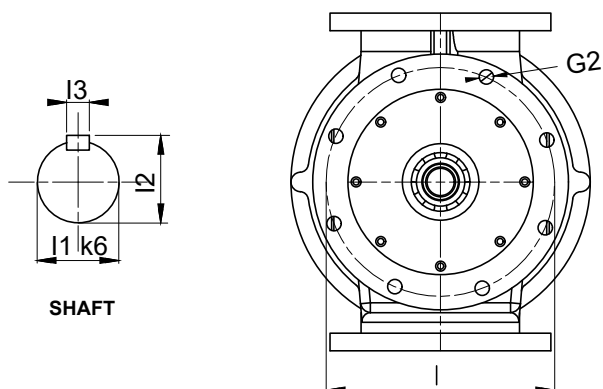
SEIM srl
Via A. Volta 17
20047 Cusago (MI) ITALY
Tel. (+39) 02.90.39.21.1
Fax. (+39) 02.90.39.21.41
e-mail: seim@seim.it

www.seim.it

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

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TD - STE - PZ - ENG 11-23-14

SIZE	A	B	C	D	E	F	G	G1	G2	H	I	I1	I2	I3	L	M	N	O	P	Q	R	R1	S	W
PZ 083#3	345	620	420	350	200	224	320	23,5	22	128	280	42	45	12	DN150	240	285	70	23	59	440	310	120	6
PZ 102#3		640				(h7)									PN16 -				28					
PZ 126#3	460	810	620	445	275	340	470	25	26	197	420	50	53.5	14	DN250	355	406	110	30	97	544	397	150	6
PZ 156#3		838				(h8)									PN16				33					6,5

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e-mail: seim@seim.it

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