

Screw pumps – PZ series

For Hydraulic oils, lubricating oils. Special version for heavy fuel.
Admissible delivery pressure (continuous) = 16 bar from 750 to 3600 rpm

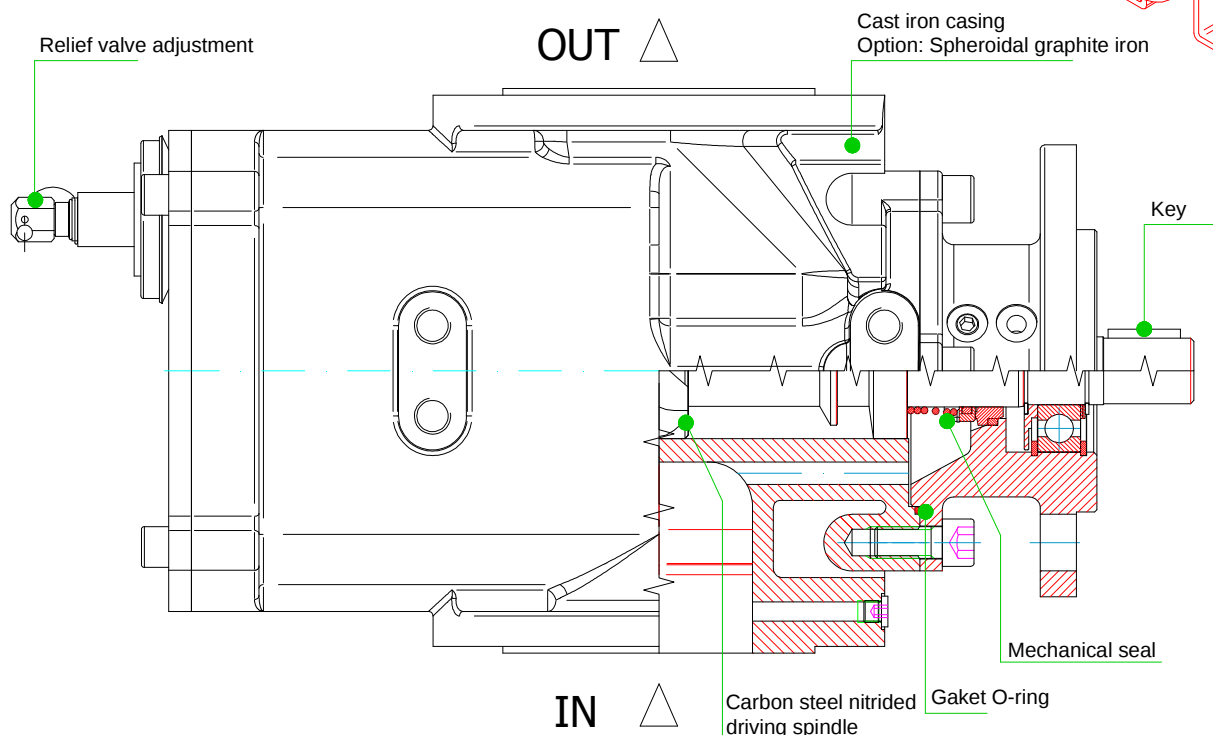
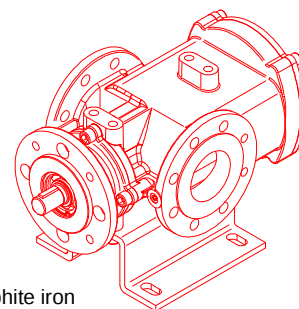


Main field application:

Pumps for lubrication systems auxiliary cooling, with relief valve.

Special version magnetic coupling

Section and components



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)	For different value contact SEIM
Kinematics viscosity	from 10 to 400 cSt STD < 5000 cSt special	For different value contact SEIM
Admissible temperature	from 0 a 120 °C (from 32 to 248 °F) until to 140°C (284 °F) special	For different value contact SEIM
Driving speed	1500 – 1800 ; up to 3000 - 3600 rpm up to PZ072	
Average noise level	65 ÷ 75 dB(A) at 1800 rpm accordino to pump dimension	
Reccomended oil filtration	60 micron max (not abrasive contaminant) ISO4406 19 / 16 – NAS 10	
Direction of rotation	Clockwise, as seen from the driving side	

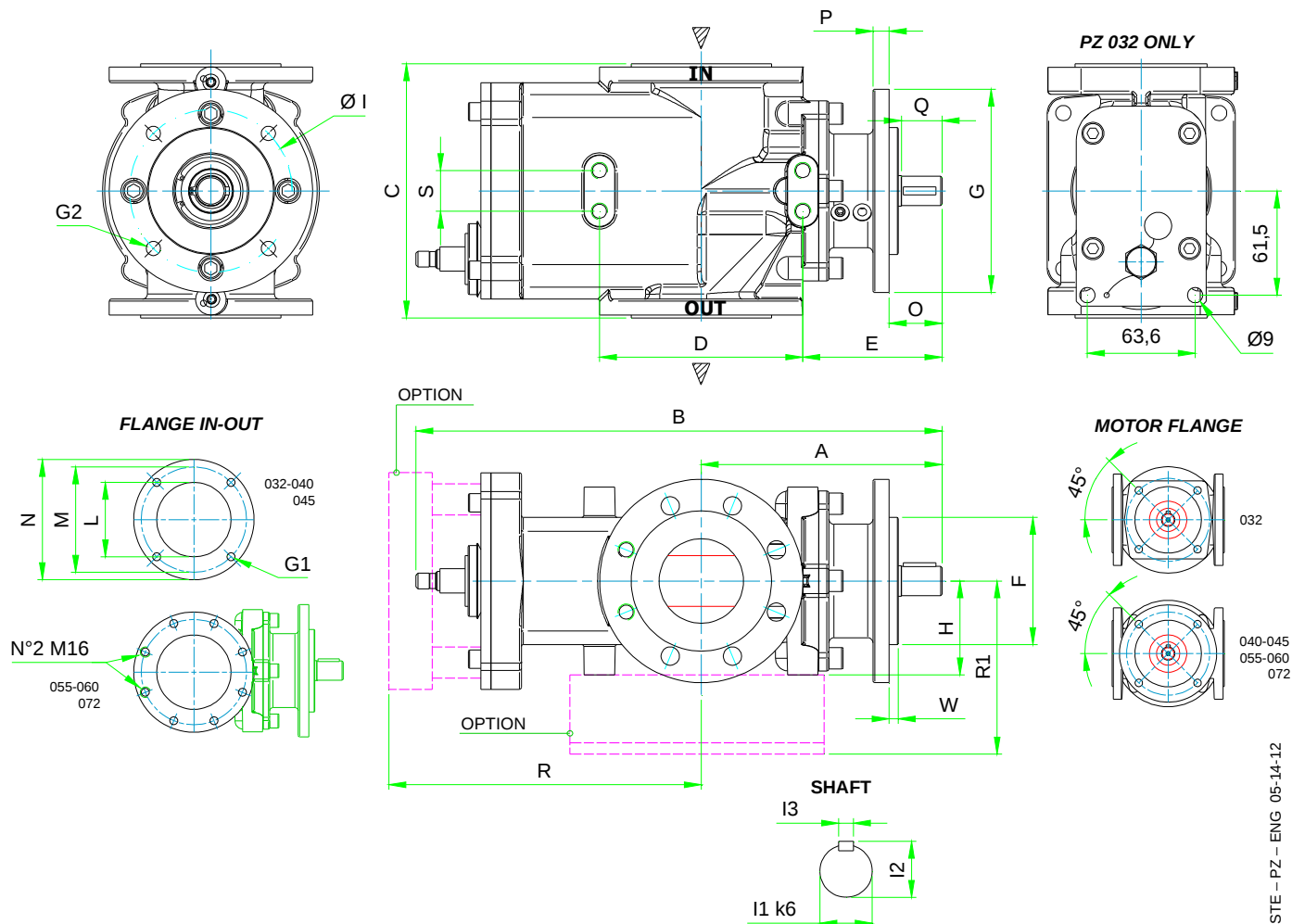
* Reduced pressare limits apply due to fluid viscosità and driving speed

Consult the performance charts for the individual pump size

For different functional characteristics, please contact our sales department

Screw pumps – PZ series

For Hydraulic oils, lubricating oils. Special version for heavy fuel.
Admissible delivery pressure (continuous) = 16 bar from 750 to 3600 rpm



SD - STE - PZ - ENG 05-14-12

Dimensional chart (mm)

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	182	288	150	//	//	110 (h7)	111	M16	9	//	130	14 (k6)	16	5	DN32 PN16	100	//	50	12	29	//	//	//	6
PZ 040#3	194	353	220	//	//	100 (h7)	160	18	11	//	125	19 (k6)	21.5	6	DN50 PN16	125	165	41	14	30	250	112	//	9
PZ 045#3																								
PZ 055#3 PZ 060#3	237	519	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 072#3	270	561	270	200	170	160 (h7)	234	18	18	105	200	32 (k6)	35	10	DN100 PN16	180	220	49	15	42	350	200	40	5

SEIM srl

Via A. Volta 17
20090 Cusago (MI) ITALY
Tel. (+39) 02.90.39.21.1
Fax (+39) 02.90.39.21.41
e-mail: seim@seim.it

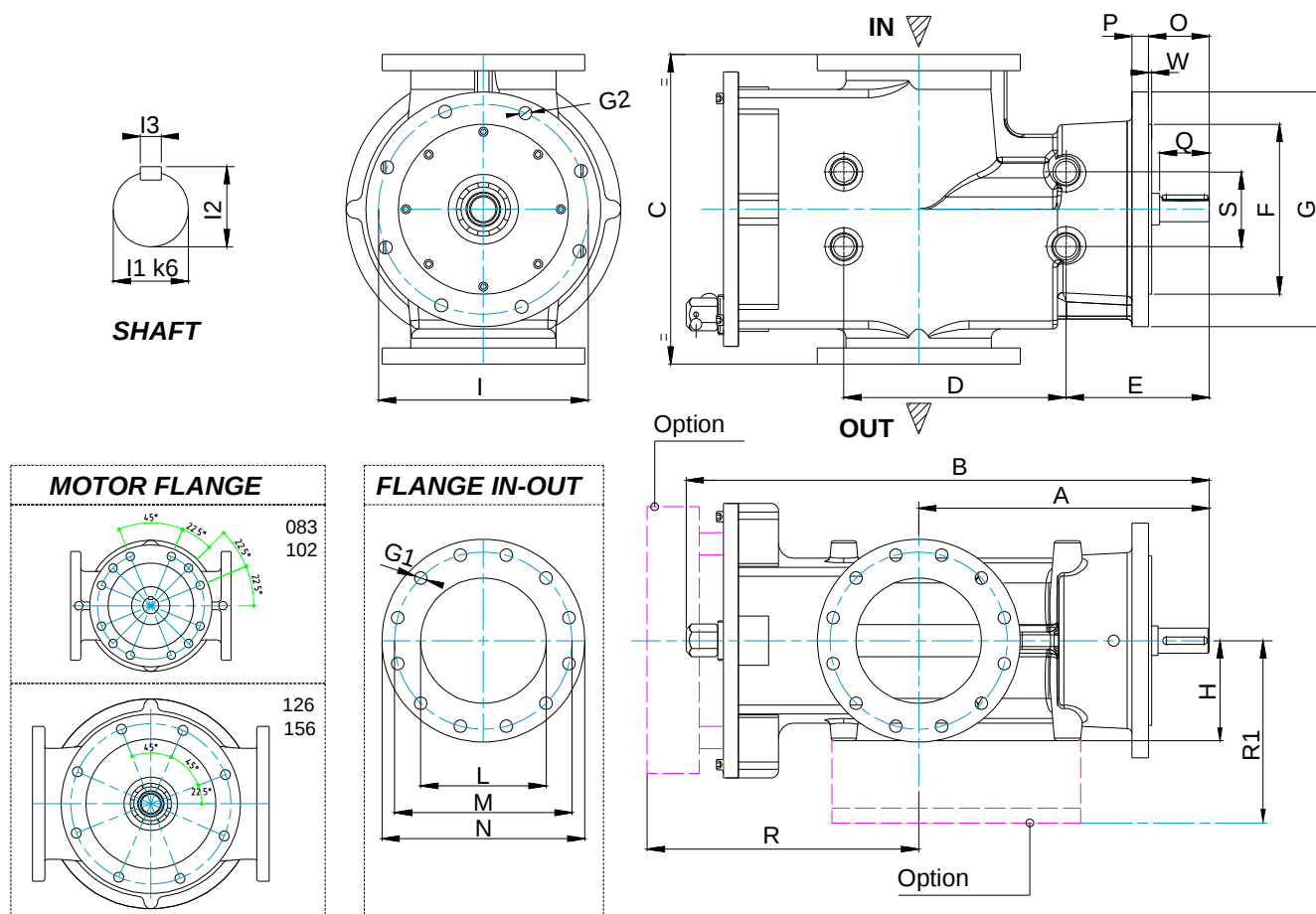
www.seim.it

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

Screw pumps – PZ series

For Hydraulic oils, lubricating oils. Special version for heavy fuel.

Admissible delivery pressure (continuous) = 16 bar from 750 to 1800 rpm



Dimensional chart (mm)

MODELLO	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	415	750	420	350	200	224 (h7)	320	23,5	22	128	280	42 (k6)	45	12	DN150 PN16 - 6" ANSI 150	240	285	70	23	59	440	310	120	6
PZ 102#3																			28					
PZ 126#3	570	972	620	445	275	340 (h8)	470	25	26	197	420	50 (k6)	53.5	14	DN250 PN16	355	406	110	30	97	544	400	150	6
PZ 156#3		1001																	33					

SEIM srl

Via A. Volta 17

20090 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 introduce dimensional changes or variation to the products of this technical data