

Screw pumps – PX series

For hydraulic oils, lubricating oils

Admissible delivery pressure (continuous) = 30 bar at 2900 rpm



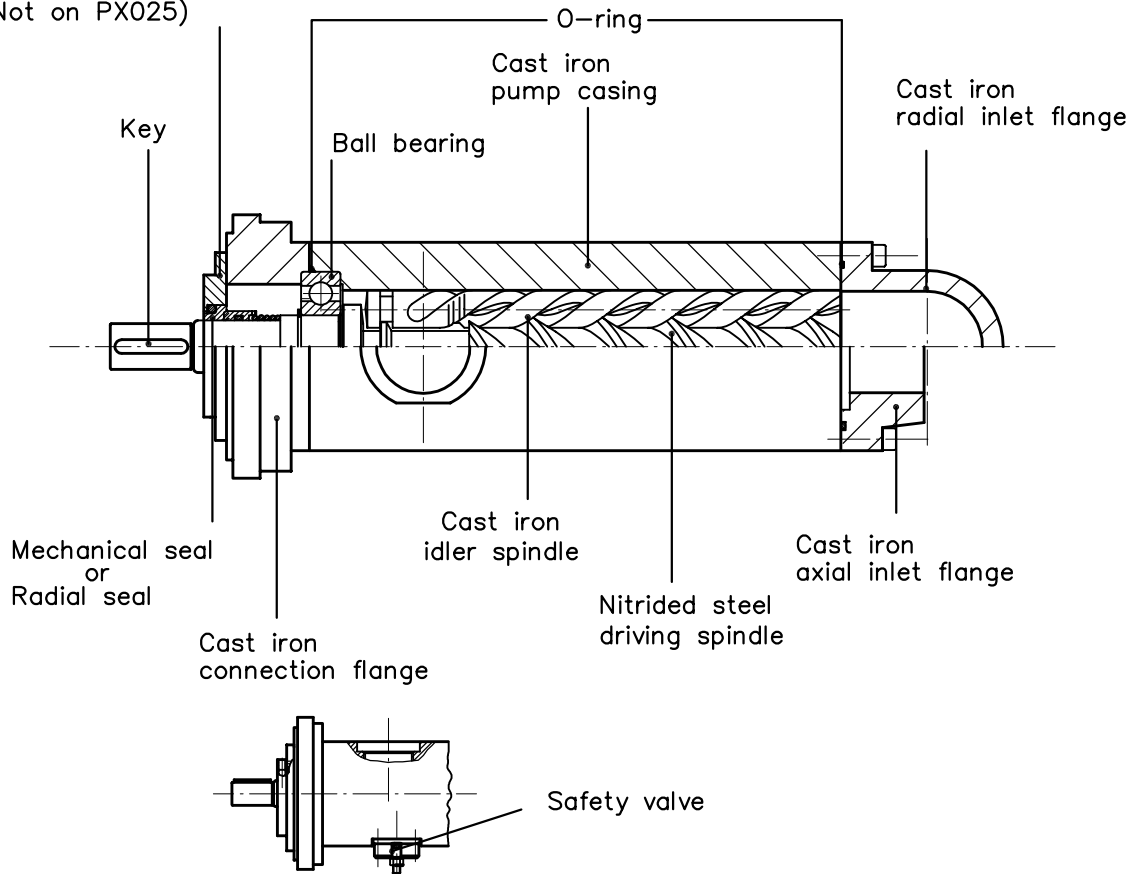
Main field of application:

Industrial purpose, low pressure range:
lubrication and cooling systems



Section and components

Inspection flange
(Not on PX025)



Functional characteristics standard version

Delivery flow	10 to 3000 l/min (2,6 to 800 USGPM)	
Admissible delivery pressure*	up to 30 bar (435 psi) continuous	
Admissible suction pressure	-0,5 to 10 bar (-7,3 to 145 psi)	For different values contact SEIM
Kinematic viscosity	10 to 400 cSt	For different values contact SEIM
Admissible temperature	0 to 120 °C (32 to 248 °F)	For different values contact SEIM
Driving speed	750 to 3600 rpm	
Average noise level	53 ÷ 75 dB(A) at 2900/1800 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	
* Standard valve setting	mod. A: 0 – 7 bar (0 – 102 psi)	mod. B: 7 – 16 bar (102 – 232 psi)

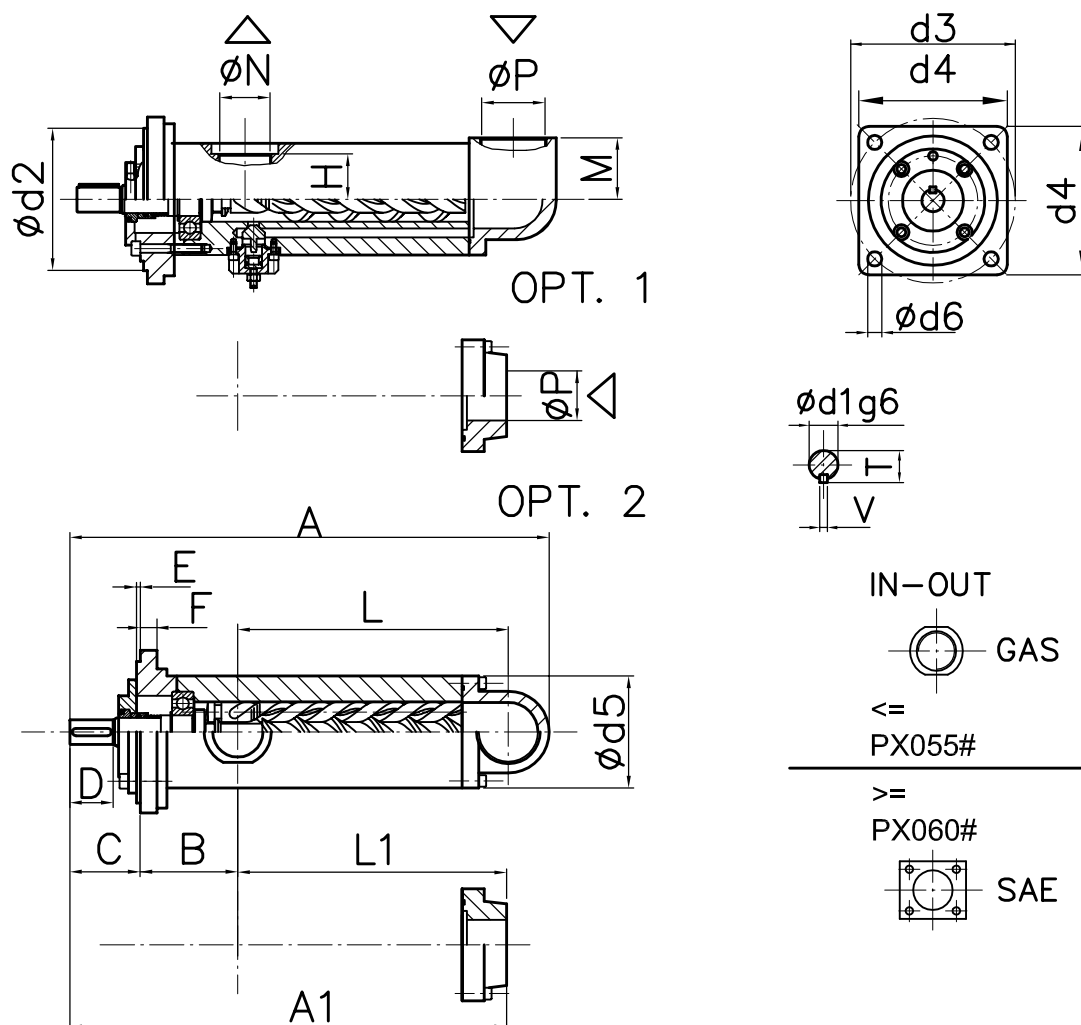
* Reduced pressure limits apply due to fluid viscosity and driving speed
Consult the performance charts for the individual pump size

For different functional characteristics, please contact our sales department

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Inlet flange adjustable to 90° and 180

Dimensional chart (mm)

SIZE	A	A1	B	C	D	E	F	H	L	L1	M	N	P	T	V	d1	d2	d3	d4	d5	d6
PX025#6...	310	294	65	47,5	25	5	10	32,5	178	181	42	¾"	1"	16	5	14	100	125	150	80	11
PX032#4...	412	360	73	75	40	5	15	40,5	227	212	60	1½"	2"	21,5	6	19	125	160	145	100	13
PX040#4...	440	390	73	75	40	5	15	40,5	256	241	60	1½"	2"	21,5	6	19	125	160	145	100	13
PX045#4...	494	431,5	91,5	81	51	5	15	55,5	269	259	75,5	2"	2½"	35	10	32	125	160	145	135	13
PX055#4...	534	472	91,5	82	51	5	15	55,5	308	298	75,5	2"	2½"	35	10	32	125	160	145	135	13
PX060#4...	631	526,5	88	83,5	51	5	18	75	387	355	100	2½"	4"	35	10	32	160	200	195	170	18
PX072#4...	717	613	88	101	65	5	18	75	455	424	100	2½"	4"	35	10	32	160	200	195	170	18

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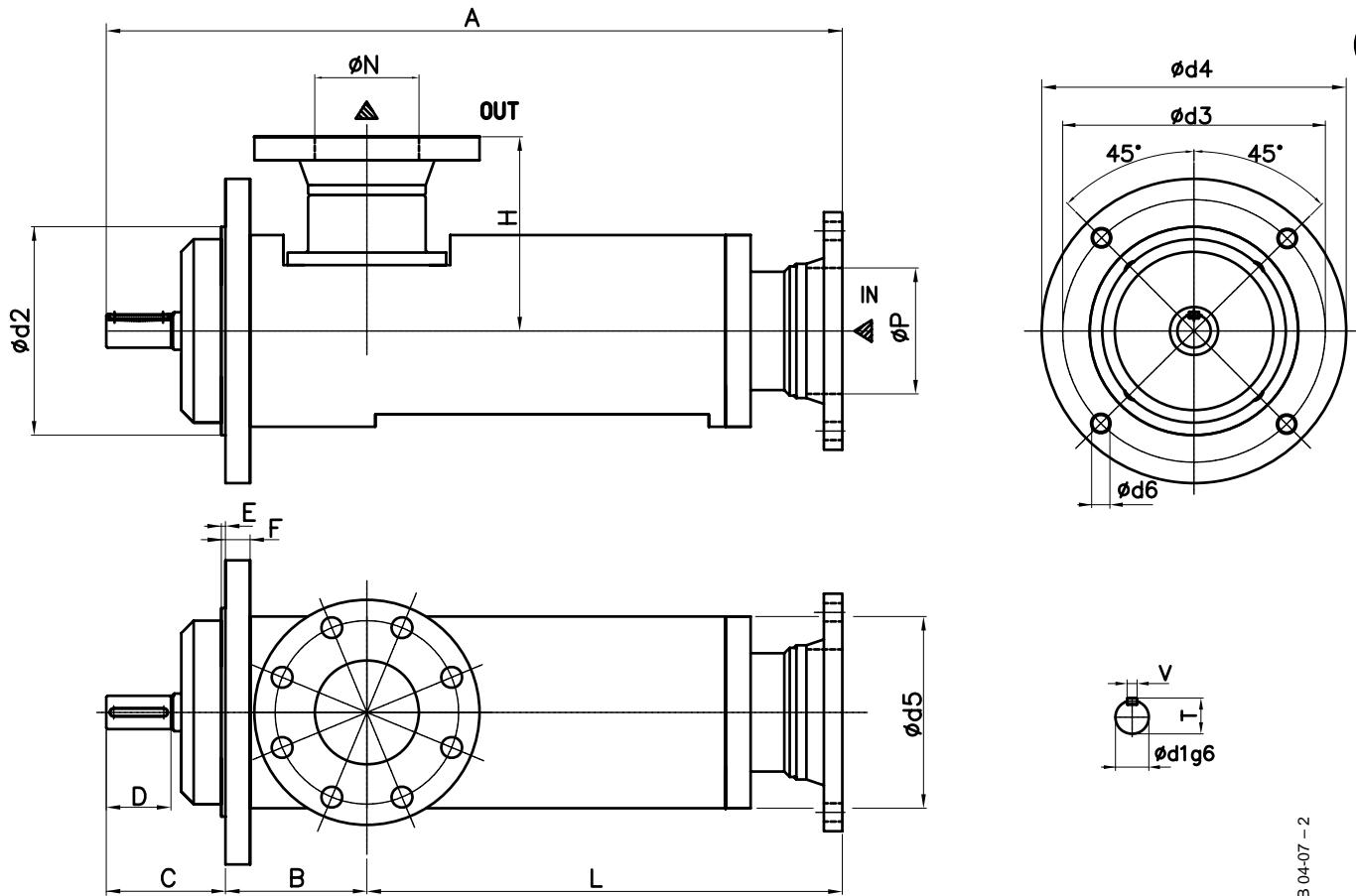
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(x) no valve
Option / radial inlet - special

*Motor connection flange - body in aluminium, With valve

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Dimensional chart (mm)

MODEL	A	B	C	D	E	F	H	L	N	P	T	V	d1	d2	d3	d4	d5	d6
* PX083#3..	785	194	90	80	5	30	95,5	406	4"	5"	48,5	14	45	250	315	365	180	26
x PX083#3..	696	154	128	80	5	30	77	414	4"	5"	43	12	40	200	250	292	210	22
x PX102#3...	883	170	143	80	5	30	79	570	DN125 PN40	DN150 PN16	43	12	40	250	315	365	260	22
x PX126#3...	944	185	143	80	6	30	83	620	DN150 PN40	DN150 PN16	43	12	40	250	315	365	260	22

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