STOZ SUGO Pumps Type N and KSW

STOZ SUGO pumps are self priming cell pumps

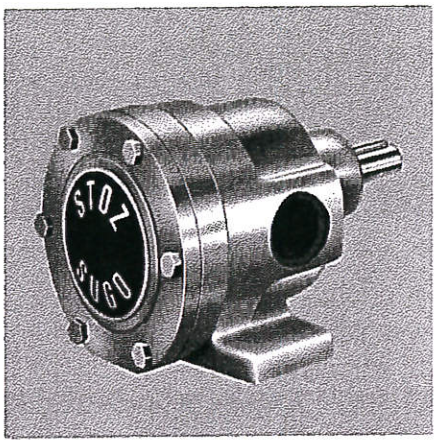
Fields of application
see pages 2, 3, 4 and 5, as oil lubricating and coolant pumps

Type of construction
with flange, foot mounted
flange mounted

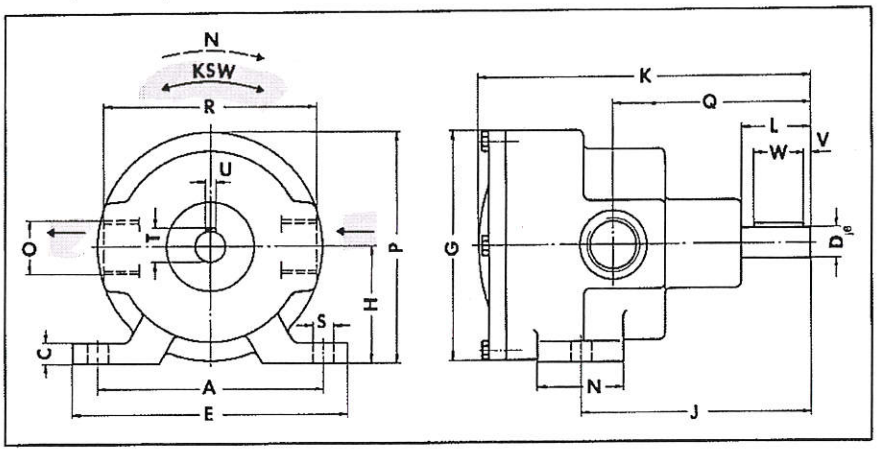
Type N
Oil lubricating and coolant pump for fixed direction of rotation, other direction of rotation-reversed direction of flow, delivery remains constant.

Type KSW
Oil lubricating pump for changing direction of rotation with constant direction of flow, without reversing valve.

Installation
horizontally and "vertically mounted pump, shaft upward"

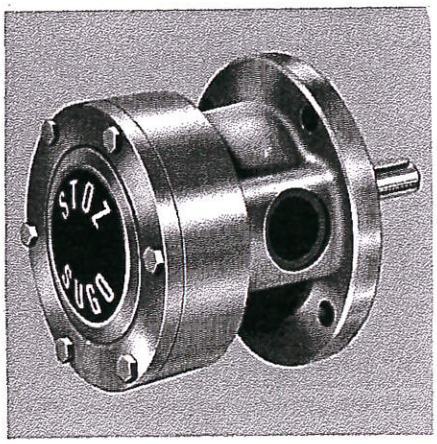


Foot

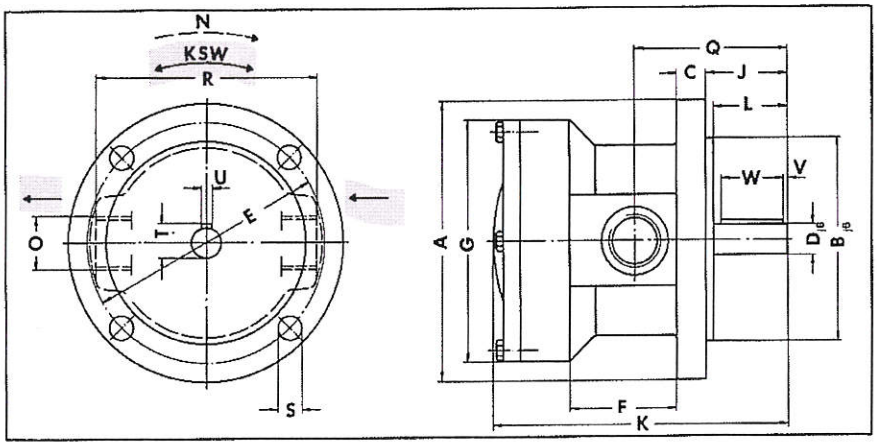


Dimension table type N and KSW foot

Size	A	C	D_{js}	E	G	H	J	K	L	N	O	P	Q	R	S	T	U	V	W
0	85	8	12	105	79	44	93	125	28	30	R¼"	83	83	74	8.5	13.5	4	3	20
1	90	8	12	110	91	46	93	134	28	35	R½"	91	80	84	8.5	13.5	4	3	20
2	90	8	12	110	91	46	101	146	28	35	R¾"	91	85	83	8.5	13.5	4	3	20
3	104	9	15	130	117	60	120	171	35	60	R 1"	119	90	107	11	17	5	4	25



Flange



Dimension table type N and KSW flange

Size	A	B_{js6}	C	D_{js}	E	F	G	J	K	L	O	Q	R	S	T	U	V	W
0	100	60	10	12	83	29	79	28	94	25	R¼"	50	73	6.5	13.5	4	2	20
1	110	80	11	12	95	43	96	33	119	30	R½"	62	88	9.5	13.5	4	2	25
2	110	80	11	12	95	45	96	33	131	30	R¾"	67	87	9.5	13.5	4	2	25
3	140	100	12	15	120	70	117	38	171	35	R 1"	93	108	10.5	17	5	4	25
4	160	120	12	20	140	–	120	38	209	35	R1¼"	125	109	10.5	22.5	6	4	25

Performance table type N and KSW, foot and flange

size	speed rpm	flow Q normal dm³/min	flow Q as required dm³/min	Power required KW	P appr. weight kilos foot	flange
0		6	1–5	0.25	2.2	2.2
1		15	9–14	0.37	2.5	3.5
2	1500	24	18–22	0.55	2.8	3.8
3		50	30–45	1.1	6.3	8.2
4		100	55–90	2.2	–	11.0

The data of the performance table refer to:
Tubes with inside diameter according to BSP tube thread
Suction height 0.75 m
Lubricant ISO VG 32 (cSt/40° C)
Ambient temperate 293 K (20° C)
Pressure 3 bar

Please state in all cases operating data or particular operating conditions other than above see data on page 7.