

SSK

VERTICAL, DIAGONAL PUMPS

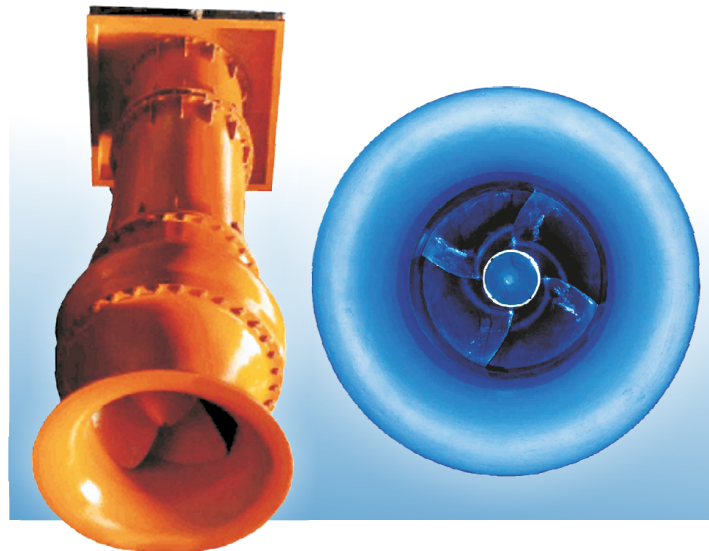


APPLICATION

- for pumping utility water in the low-pressure water systems
- cooling and circulating water in the power and heat plants
- for auxiliary technological applications
- for pumping soil, rain and river water

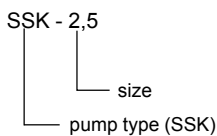
WORKING CONDITIONS

- slightly polluted raw and utility water
- water temperature up to +60°C
- pH 6 - 11



SSK

TYPE IDENTIFICATION

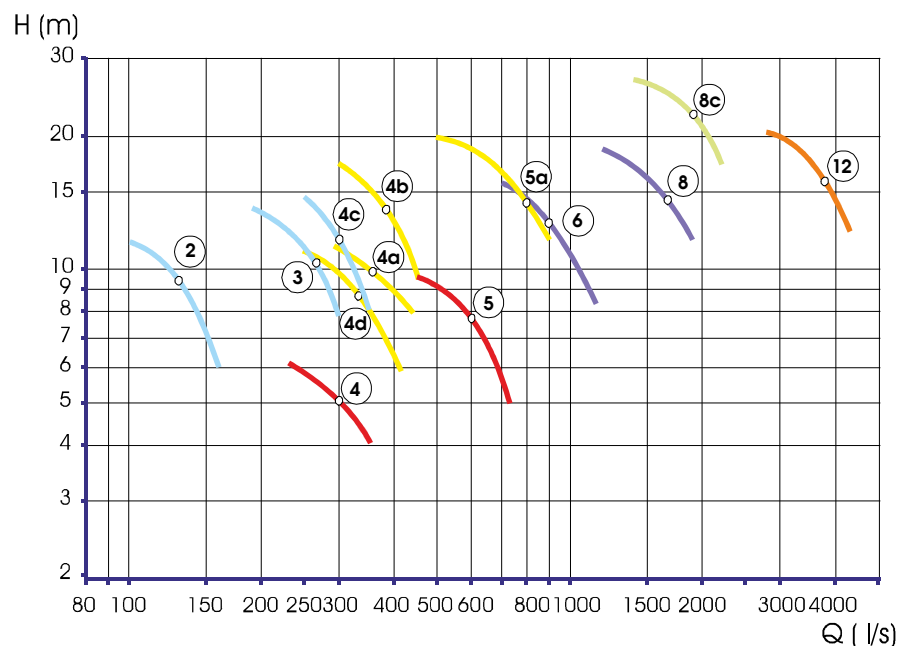


WORKING AREA

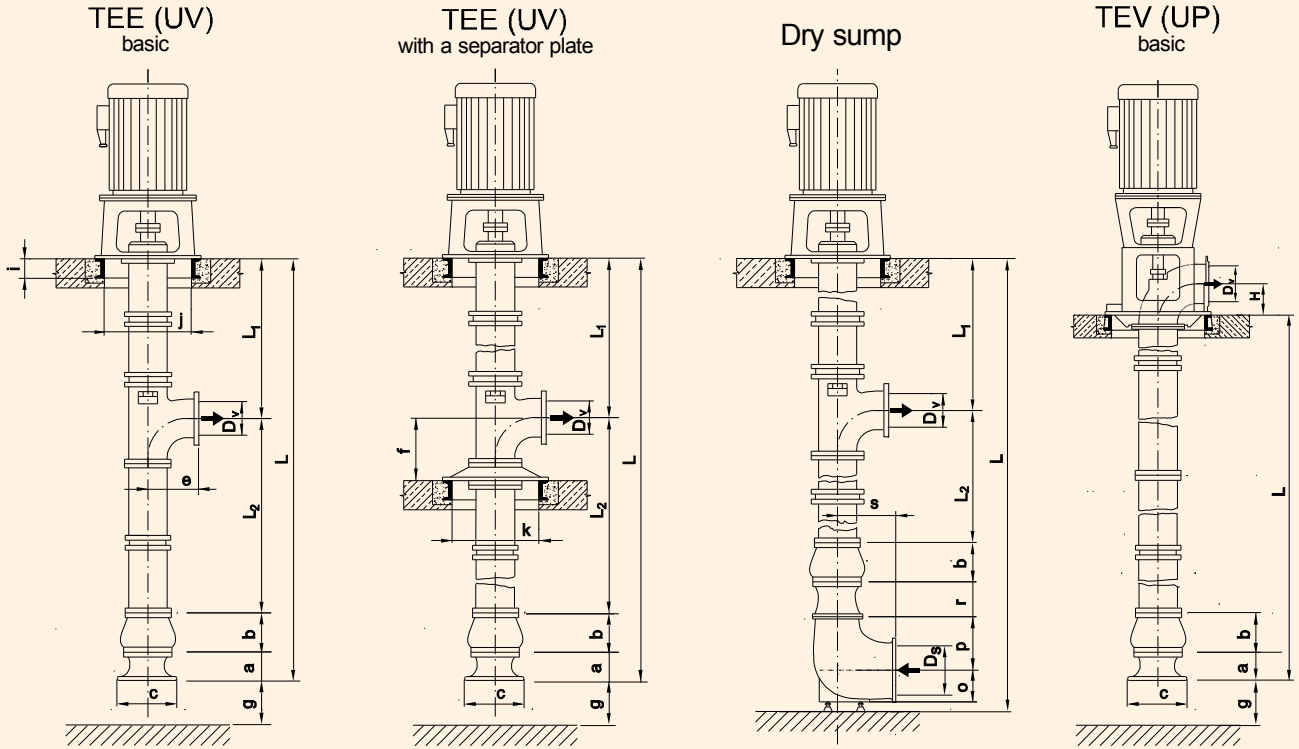
PUMP SIZE	SHAFT SPEED (r.p.m.)	FLOW Q (l/s)	DELIVERY HEAD H (m)	TEMPERATUR MAX. (°C)
from SSK 2,5	from 370	from 100	from 4,5	60
to SSK 12	to 1450	to 4000	to 26	60

MATERIAL SPECIFICATION

Part name	LN	LY
suction body	EN-GJL-200	EN-GJL-200
diffuser body	EN-GJL-200	EN-GJL-200
diffuser	EN-GJL-200	EN-GJL-200
impeller	EN-GJL-200	1.4308
seal ring	EN-GJL-200	bronz
shaft sleeve	X20Cr14 (DIN)	X20Cr14 (DIN)
shaft	1.0503	1.0503
bearing body	EN-GJL-200	EN-GJL-200



2	SSK-2.5	n=1450 r.p.m.	4c	SSK-4	n=1450 r.p.m.	8	SSK- 8	n=485 r.p.m.
3	SSK-3	n=1450 r.p.m.	4d	SSK-4	n= 970 r.p.m.	8c	SSK- 8	n=580 r.p.m.
4	SSK-4	n=720 r.p.m.	5	SSK-5	n= 720 r.p.m.	12	SSK-12	n=370 r.p.m.
4a	SSK-4	n=960 r.p.m.	5a	SSK-5	n= 980 r.p.m.			
4b	SSK-4	n=980 r.p.m.	6	SSK-6	n= 485 r.p.m.			

BASIC DIMENSIONS


Size	DN	a	b	c	e	f	i	j	k	L1max	L2max	Lmax	o	p	r	s
SSK-2.5	250	240	260	350	350	350	160	770x700	850x850	3500	7000	11000	200	400	240	400
SSK-3	300	280	330	480	400	400	180	920x920	1000x1000	4000	7500	11500	270	500	250	500
SSK-4	400	320	420	550	500	500	180	920x920	1000x1000	4500	8000	12000	350	600	330	600
SSK-5	500	450	600	690	600	600	200	1310x1310	1200x1200	Dimensions upon request			450	800	500	800
SSK-6	600	515	535	900	700	700	220	1650x1310	1070x1070				500	800	600	900
SSK-8	800	Dimensions upon request														
SSK-12	1200	Dimensions upon request														

Dimensions vary depending on a different hydraulic construction according to the working conditions. The above dimensions are informative only. Detailed specifications are provided for each particular inquiry or order.

SEAL DESIGN

- soft cord packing (standard), non flooded

MOTORS

- flange-mounted electric motor drive
- driving force transmitted using a flexible coupling

CROSS-SECTION
