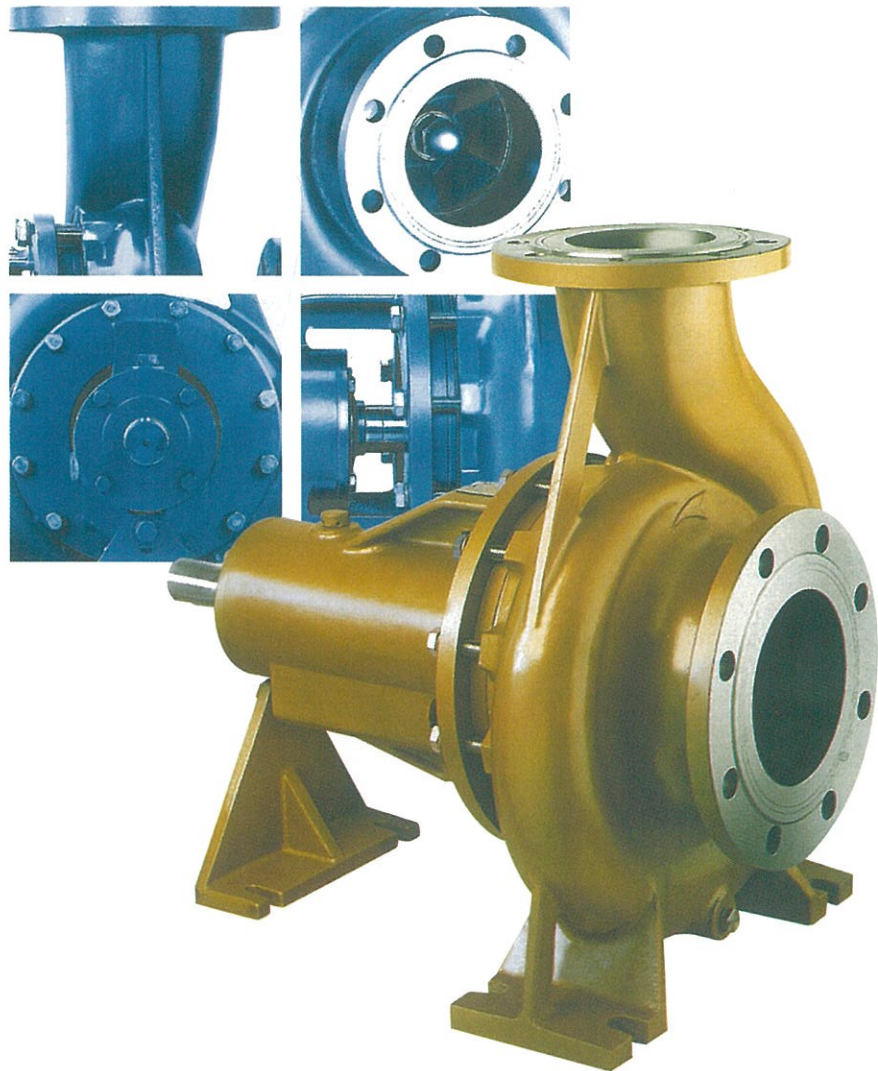


**KEWPUMP®**

*Keeps Pumping*



**KS-SR**

**GENERAL APPLICATION PUMP**

**COMPLIES WITH ISO 2858**

**STANDARD**



**"thebrandlaureate"**  
The Grammy Awards for Branding



## Design

The **KS-SR** range of pumps is manufactured for a wide range of flow and head requirements and fully complies with ISO 2858:1975 standard. Back pull-out design to give instant access to most parts for simple and quick maintenance.

## Materials of Construction

All standard pump components in contact with the fluid are made of Stainless Steel 304 (CF-8). Stainless Steel 316 (CF-8M) and Cast Iron are also available upon request.

### FLANGES

Flanges are drilled according to ISO 7005-1:1992 - PN16.

### CASING

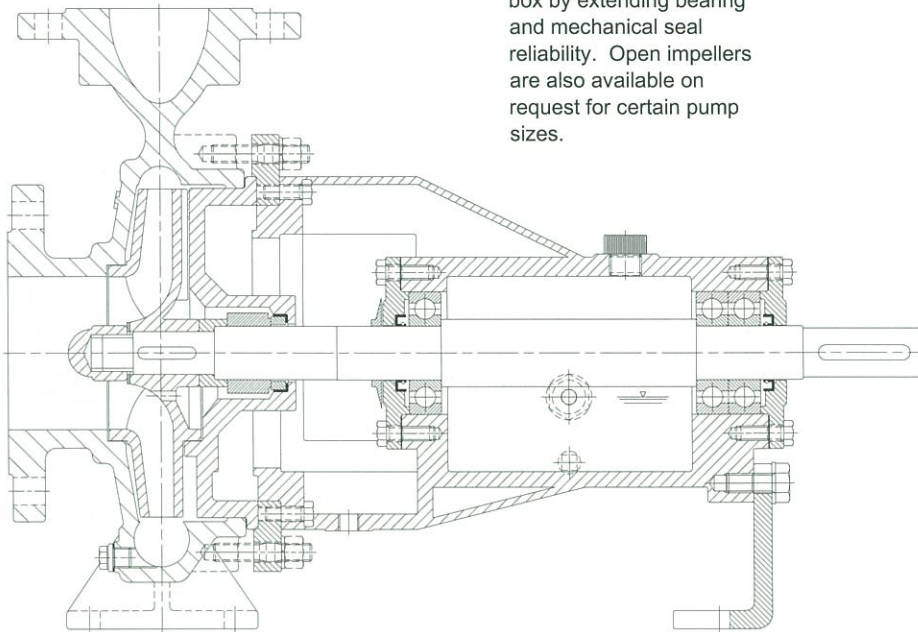
Highly efficient one-piece volute type with integrally cast feet. End suction with vertical centreline discharge nozzle.

### IMPELLER

Enclosed type with twisted vane design for maximum performance. Swept back clearing vanes or impeller running rings are cast onto the back shroud to balance axial thrust and relieve pressure on the stuffing box by extending bearing and mechanical seal reliability. Open impellers are also available on request for certain pump sizes.

### SHAFT

Robust and stiff solid shaft ensures less deflection at the seal face to extend the mechanical seal life.



### SHAFT SLEEVE

For gland packing sealing, renewable hook type shaft sleeve is fitted to prevent shaft damage under the gland packing.

### STUFFING BOX COVER

Cast in one-piece with large bore seal chamber available on all pumps furnished with mechanical seal. Standard bore stuffing box cover can be fitted with a packed gland as an alternative.

### BEARING BRACKET

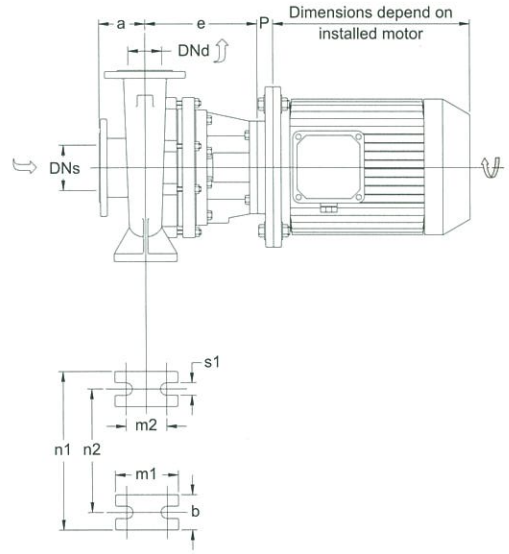
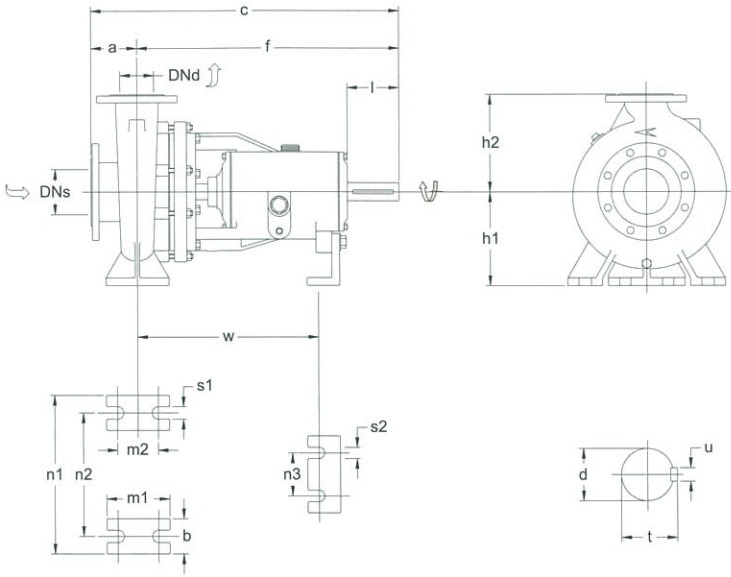
Rigid single-piece cast iron construction and in connection with the support foot. Designed with large oil reservoir for better dissipation of heat, and standard oil level bulls-eye sight glass for easy monitoring.

### BEARINGS

Heavy duty, single row, deep groove ball bearings are designed with oil bath lubrication. Each bearing is protected by a cast iron cover with inbuilt oil seal to ensure an exceptionally long, trouble free bearing life.

**SR (BARESHAFT)**

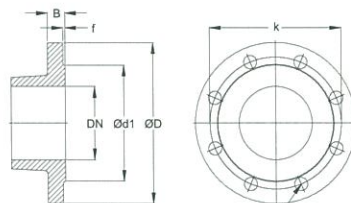
**SRM (CLOSE-COUPLED)**



Dimensions in mm

PUMP MODEL	SR & SRM (where applicable)																	SRM																					
	Flanges		Pump Dimensions			Foot Dimensions							Shaft End				Close-Coupled Dimensions																						
	DNd	DNs	a	f	c	h1	h2	b	m1	m2	n1	n2	n3	s1	s2	w	d	l	t	u	e	P																	
32-130	32	50	80	385	465	112	140	50	100	70	190	140	110	14	14	285	24	50	27	8	151	Motor Sizes 80M, 90S, 90L P = 0																	
32-160						132	160				240	190											193																
32-200						160	180				320	250											198																
32-260	100	500	600	180	225	65	125	95	320	250	370	32	80	35	10	198	Motor Sizes 100L, 112M P = 20																						
40-130	40	65	80	385	465	112	140	50	100	70	210	160	110	14	14	285		24	50	27	8		151																
40-160						132	160				240	190												193															
40-200						100	485				160	180												265	212	320	250	370	32	80	35	10	198						
40-260						500	600				180	225												320	250	345	280	240	190	110	14	14	285	24	50	27	8	151	
40-320	125	500	625	200	250	65	125	95	320	250	370	32	80	35	10	198		Motor Sizes 132S, 132M P = 30																					
50-130	50	80	100	385	485	132	160	50	100	70	240	190	110	14	14	285			24	50	27		8	151															
50-160						160	180				265	212													320	250	345	280	240	190	110	14	14	285	24	50	27	8	151
50-200						200	180				225	320													250	370	32	80	35	10	198	Motor Sizes 160M, 160L 180M, 180L P = 60							
50-260						180	225				320	250										370			32	80	35	10	198										
50-320	225	280	345	280	240	190	110	14	14	285	24	50	27	8	151																								
65-130	65	100	100	385	485	160	180	65	125	95	280	212	110	14	14	285			24	50	27	8	151																
65-160						200	180				225	320					250							370	32	80	35	10	198										
65-200						500	600				180	225					360							280	400	315	320	250	370	32	80		35	10	198				
65-260						625	200				250	360					280							400	315	320	250	370	32	80	35		10	198					
65-320 <sup>1)</sup>	125	530	655	225	280	80	160	120	400	315	18	370	42	95	45	12	203		Motor Sizes 160M, 160L 180M, 180L P = 60																				
80-160	80	125	125	500	625	225	250	65	125	95	320	250	110	14	14	285	24			50	27	8	151																
80-200						250	280				345	280						400						315	370	32	80	35	10	198									
80-260 <sup>2)</sup>						200	280				345	280						400						315	370	32	80	35	10	198									
80-320 <sup>1)</sup>						250	315				370	32						80						35	10	198													
80-400 <sup>1)</sup>	530	655	280	355	400	315	370	42	95	45	12	203	Motor Sizes 160M, 160L 180M, 180L P = 60																										
100-160 <sup>5)</sup>	100	125	140	500	625	200	280	80	160	120	340	260		110	18	14	370	32		80	35	10	198																
100-200						280	360				280	400												315	370	32	80	35	10	198									
100-260 <sup>1)</sup>						225	280				345	280												400	315	370	32	80	35	10	198								
100-320 <sup>1)</sup>						250	315				370	32												80	35	10	198												
100-400 <sup>1)</sup>	280	355	400	315	370	32	80	35	10	198	Motor Sizes 160M, 160L 180M, 180L P = 60																												
125-200 <sup>5)</sup>	125	150	140	500	640	250	315	80	160	120		400		315	110	18	14	370		32	80	35	10	198															
125-260 <sup>1)</sup>						355	400					400		315					370						32	80	35	10	198										
125-320 <sup>1)</sup>						280	345					400		315					370						32	80	35	10	198										
125-400 <sup>1)</sup>						315	400					400		315					370						32	80	35	10	198										
150-200 <sup>5)</sup>	150	200	160	500	660	280	375	100	200	150		550		450	140	23	18	500	48	110	51.5	14	--																
150-260 <sup>1)4)</sup>						400	450					450		315										450	48	110	51.5	14	--										
150-320 <sup>3)</sup>						670	830					315	450	48										110	51.5	14	--												
150-400						315	450					450	315	450										48	110	51.5	14	--											
200-400 <sup>5)</sup>	200	200	180	630	810	355	450	120	250	180		620	500	180	23	18	390	55	100	59	16	--																	
200-500 <sup>5)</sup>						400	500					670	550										180	23	18	390	55	100	59	16	--								

1) In these models the dimension "t" is 15mm shorter than the specified in ISO 2858. The dimension "f" is according to ISO 2858  
 2) In this model the dimension "h1" is 25mm smaller than the specified in ISO 2858  
 3) In this model the dimension "h1" is 35mm smaller than the specified in ISO 2858  
 4) In this model the dimension "n1" and "n2" are 50mm bigger than the specified in ISO 2858  
 5) These models are additional sizes and not specified in ISO 2858

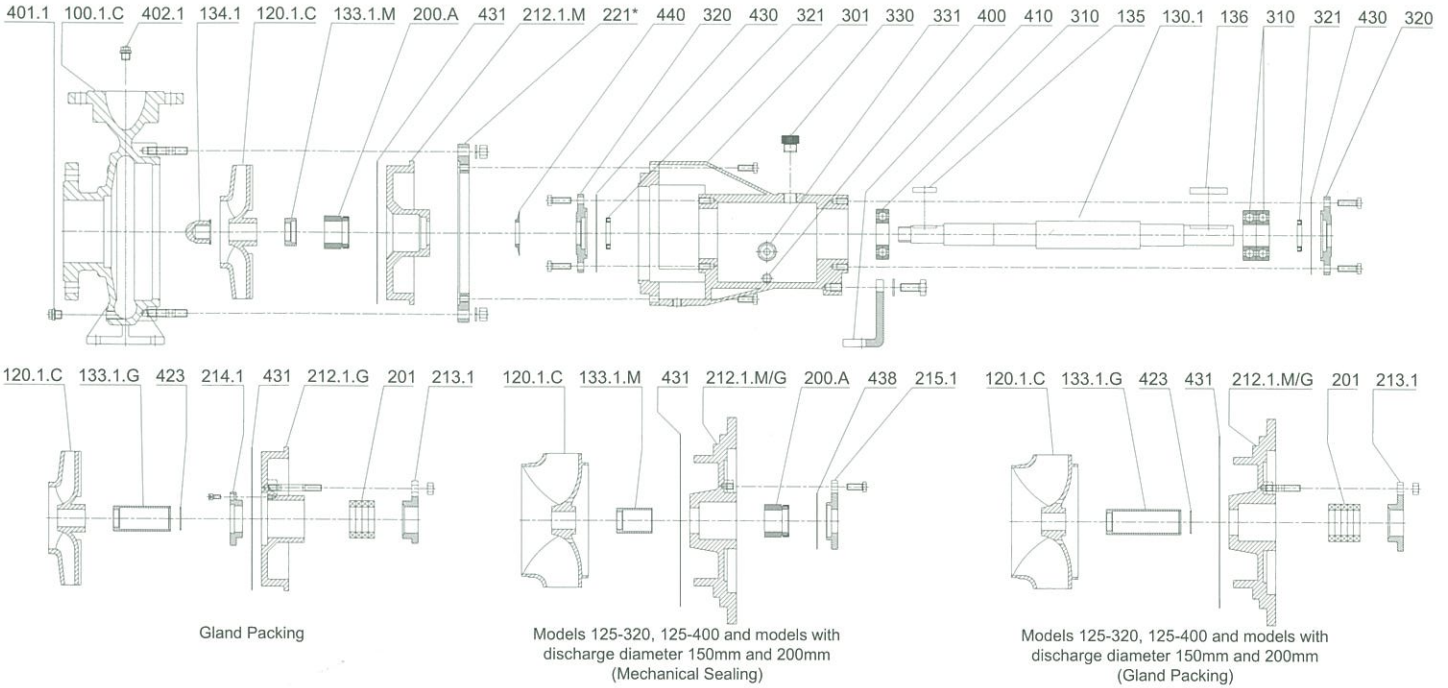


Nominal Dia.	Flange		Raised Face		Drilling*		Bolting	
	DN	D	B	d1	f	No.		k
32	140	18	76	2	4	18	100	M16
40	150	18	84	2	4	18	110	M16
50	165	20	99	2	4	18	125	M16
65	185	20	118	2	4**	18	145	M16
80	200	20	132	2	8	18	160	M16
100	220	22	156	2	8	18	180	M16
125	250	22	184	2	8	18	210	M16
150	285	24	211	2	8	22	240	M20
200	340	24	266	2	12	22	295	M20

Flange dimensions and drilling according to ISO 7005-1:1992 - PN16  
 \* Holes equally spaced at radial pump centreline  
 \*\* Number of holes drilled less than the specified in ISO 7005-1:1992 - PN16



**SR (BARESHAFT)**



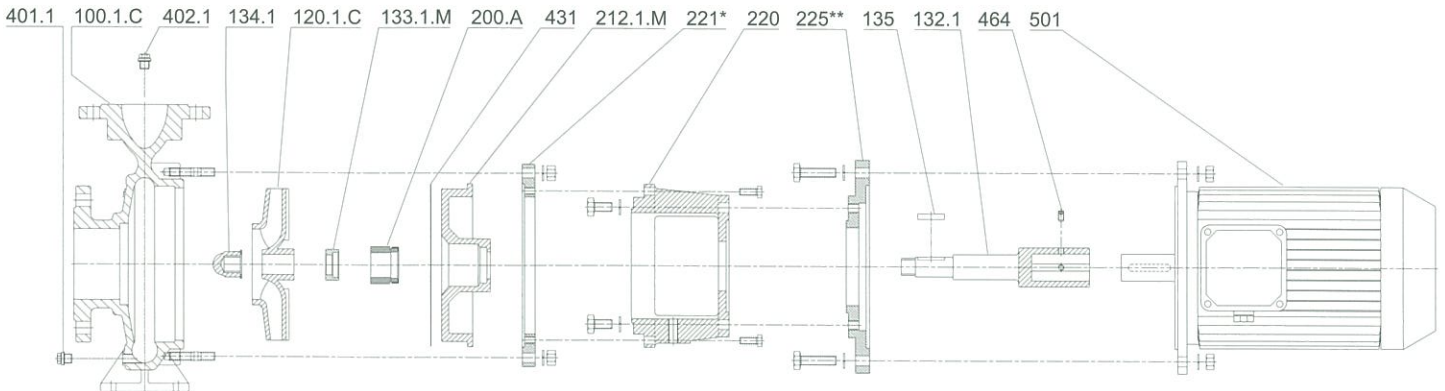
Part No.	Description	Standard Material
100.1.C	Casing for Closed Impeller	Stainless Steel 304
120.1.C	Closed Impeller	Stainless Steel 304
130.1	Shaft	Stainless Steel 304
133.1.G	Shaft Sleeve for Gland Packing	Stainless Steel 304
133.1.M	Shaft Sleeve for Mechanical Sealing	Stainless Steel 304
134.1	Impeller Nut	Stainless Steel 304
135	Key for Impeller	Stainless Steel 304
136	Shaft End Key	Stainless Steel 304
200.A	Mechanical Seal	Carbon vs. Ceramic
201	Packing	Cotton
212.1.G	Stuffing Box Cover for Gland Packing	Stainless Steel 304
212.1.M	Stuffing Box Cover for Mechanical Sealing	Stainless Steel 304
212.1.M/G	Stuffing Box Cover for Mechanical Sealing and Gland Packing	Stainless Steel 304
213.1	Gland	Stainless Steel 304
214.1	End Ring	Stainless Steel 304
215.1	Seal Cover	Stainless Steel 304

Part No.	Description	Standard Material
221*	Adaptor Extension Ring	Cast Iron
301	Bearing Bracket	Cast Iron
310	Bearing	Steel
320	Bearing Cover	Cast Iron
321	Oil Seal	Synthetic Rubber
330	Oil Cover	Aluminium Alloy
331	Oil Gauge	Plastic Threaded
400	Bearing Bracket Drain Plug	Galvanise Steel
401.1	Casing Drain Plug	Stainless Steel 304
402.1	Venting Plug	Stainless Steel 304
410	Support Foot	Cast Iron
423	Shaft Sleeve "O" Ring	Synthetic Rubber
430	Bearing Cover Gasket	Oil Proof Paper
431	Stuffing Box Cover Gasket	Asbestos Sheet
438	Seal Cover Gasket	Asbestos Sheet
440	Deflector	Synthetic Rubber

\* For all models except 32-130, 40-130, 50-130, 65-130, 65-160, 80-160, 100-260, 125-260, 125-320, 125-400 and models with discharge diameter 150mm and 200mm

**SRM (CLOSE-COUPLED)**

Applicable Models : All models except 80-400, 100-400, 125-320, 125-400 and models with discharge diameter 150mm and 200mm  
 Applicable Motor Sizes : 80M, 90S, 90L, 100L, 112M, 132S, 132M, 160M, 160L, 180M and 180L



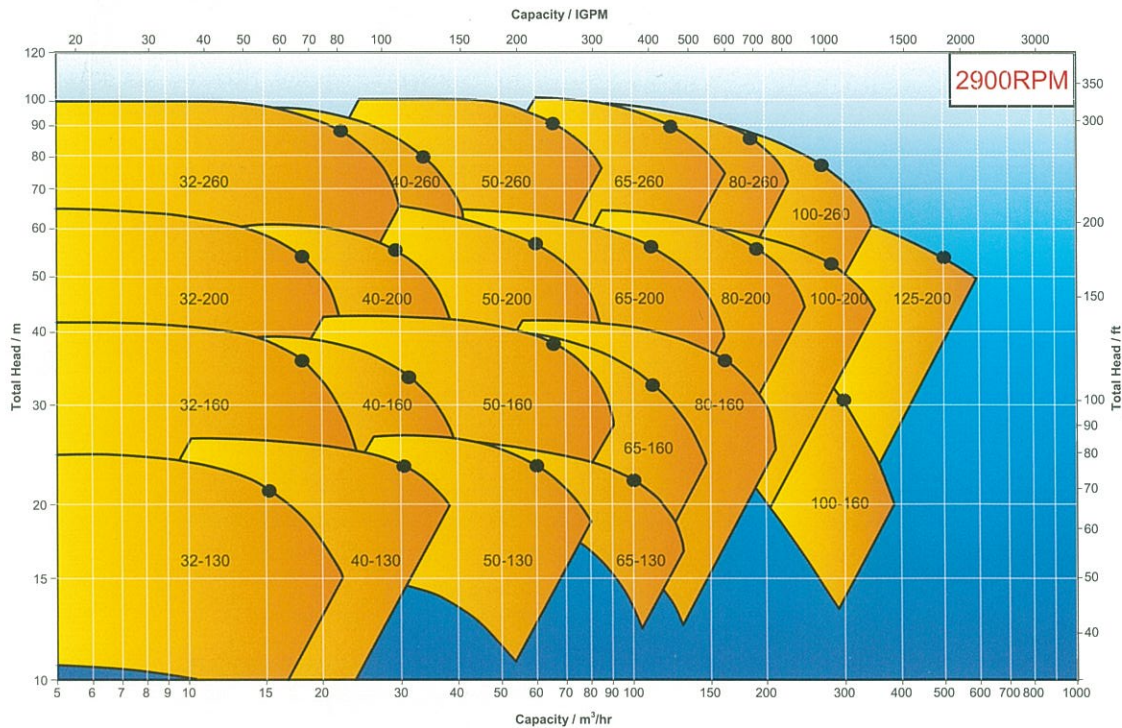
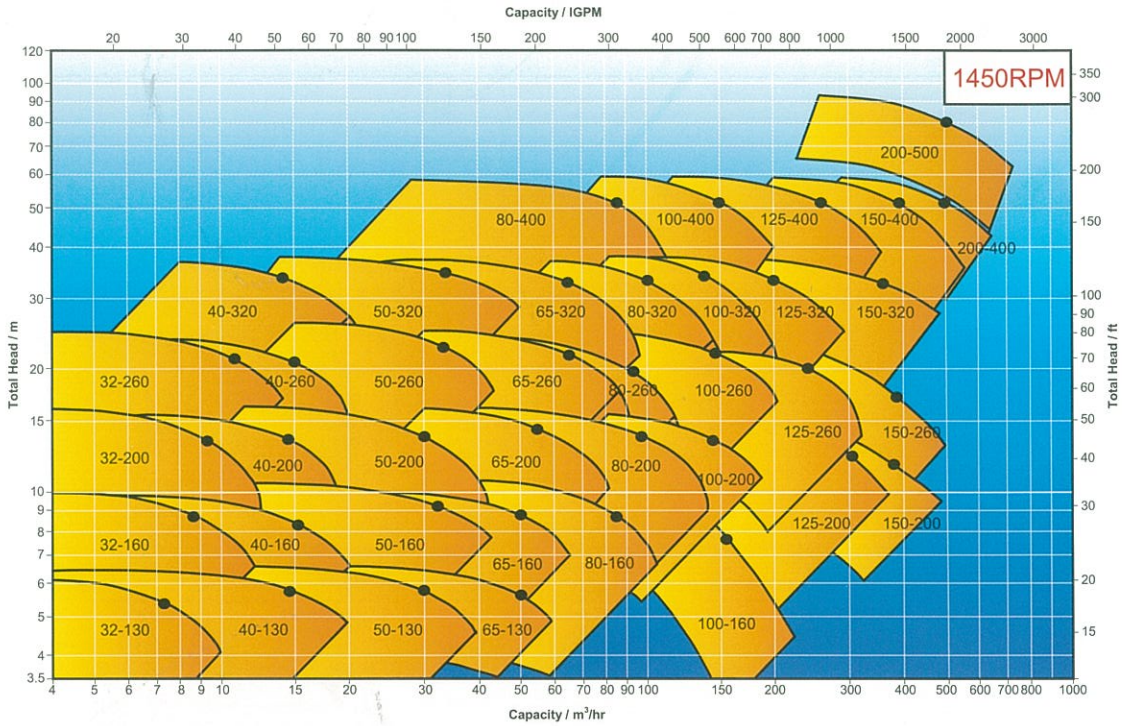
Part No.	Description	Standard Material
100.1.C	Casing for Closed Impeller	Stainless Steel 304
120.1.C	Closed Impeller	Stainless Steel 304
132.1	Motor Extension Shaft	Stainless Steel 304
133.1.M	Shaft Sleeve for Mechanical Sealing	Stainless Steel 304
134.1	Impeller Nut	Stainless Steel 304
135	Key for Impeller	Stainless Steel 304
200.A	Mechanical Seal	Carbon vs. Ceramic
212.1.M	Stuffing Box Cover for Mechanical Sealing	Stainless Steel 304

Part No.	Description	Standard Material
220	Frame Adaptor	Cast Iron
221*	Adaptor Extension Ring	Cast Iron
225**	Motor Adaptor Extension Ring	Cast Iron
401.1	Casing Drain Plug	Stainless Steel 304
402.1	Venting Plug	Stainless Steel 304
431	Stuffing Box Cover Gasket	Asbestos Sheet
464	Jam Nut	Stainless Steel 304
501	Flange-Mounted Motor	-

\* For all applicable models except 32-130, 40-130, 50-130, 65-130, 32-160, 40-160, 50-160, 65-160 and 80-160

\*\* For all applicable motor sizes except 80M, 90S and 90L

# KEWPUMP® KS-SR PUMP SELECTION CHART



Curve for reference only. For final selection refer to individual pump curve.  
Black dots on curves show best efficiency points.

