

Regent pumps

A U S T R A L I A

founded 1948

RPTS Series

Horizontal Multistage Pumps



**High Rise Building
Chemical Plant
Desalination
Marine**



..... all about moving fluids

RPTS Series

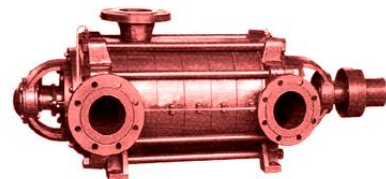
Horizontal Multistage Pumps

RPTS Series Multistage Pump is designed for heavy duty applications . Pump is segmental, horizontal, equipped with closed impellers, structure consisting of double wearing ring, labyrinth orifice sleeve, pressure relief pipe and angular contact ball bearing .

Construction

Multistage, horizontal shaft, centrifugal pumps driven by means of flexible coupling or hydraulic drive, clockwise rotation viewed from the driven end

- ✦ Suction casing inlet can be repositioned to suit
- ✦ Multiple outlets available
- ✦ Balanced impellers for increased life and reliability
- ✦ Mechanical seal as standard, installation dimensions meet DIN 24960 Standard
- ✦ Optional packed gland available with low friction coefficient design.
- ✦ 4 tie-bolts clamp all the stages in a rigid construction



Pump with multiple outlets

Constructions Materials

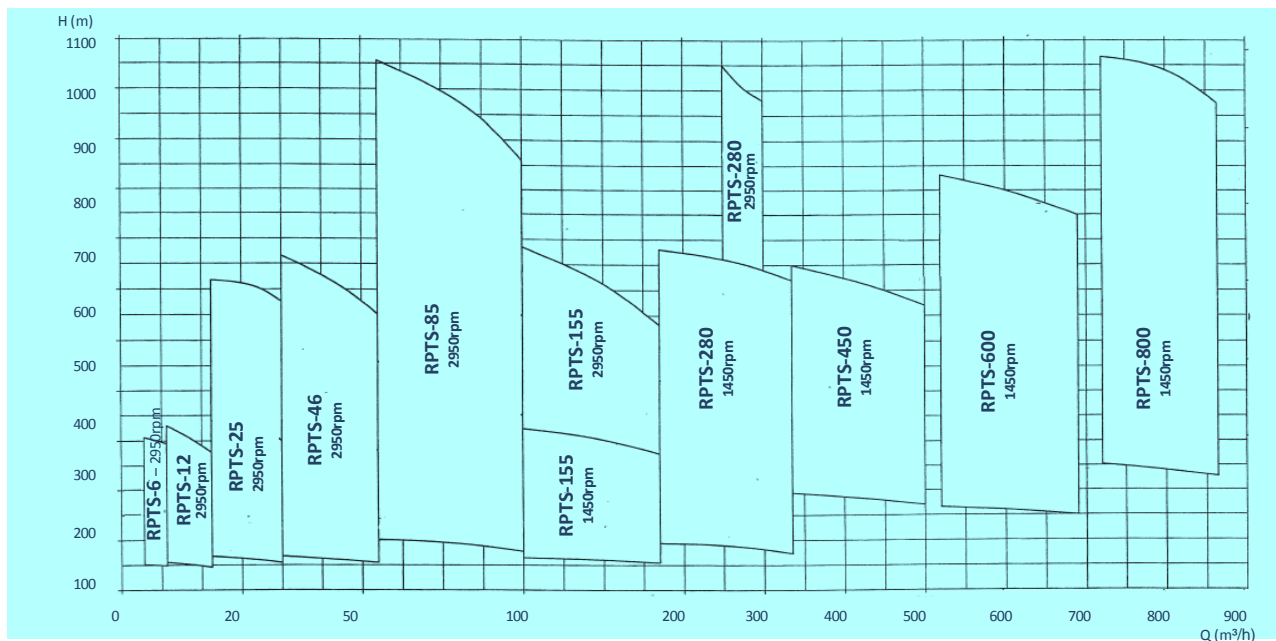
Parts	Materials	DIN
Casing	Cast Iron	GG 25
	Ductile Iron	GGG 40
	SS316	1.4401
	SS316L	1.4404
	SS Duplex	1.4410
Impeller	SS304	1.4301
	Bronze	G-CuSn10
	Ductile Iron	GGG 40
	SS316	1.4401
	SS316L	1.4404
	SS Duplex	1.4410
Shaft	SS420	1.4021
	SS316	1.4401
	SS Duplex	2205
	Alloy Steel	ANSI4140

General Applications

- ✦ Pressure cleaning
- ✦ Mine dewatering
- ✦ Fire fighting systems
- ✦ Irrigation
- ✦ Pressure boosting
- ✦ Pipeline transfer



Pump Selections

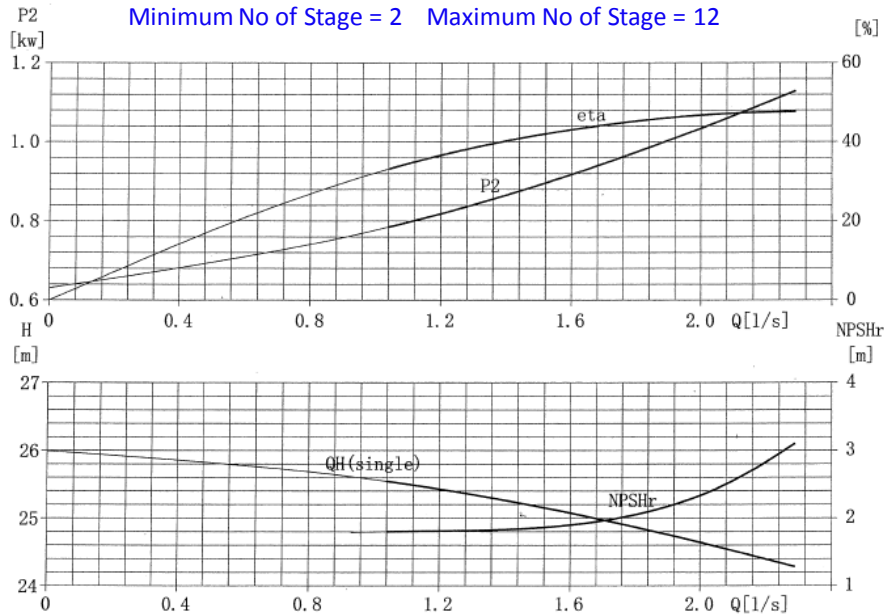


All Specifications are subject to change without notice

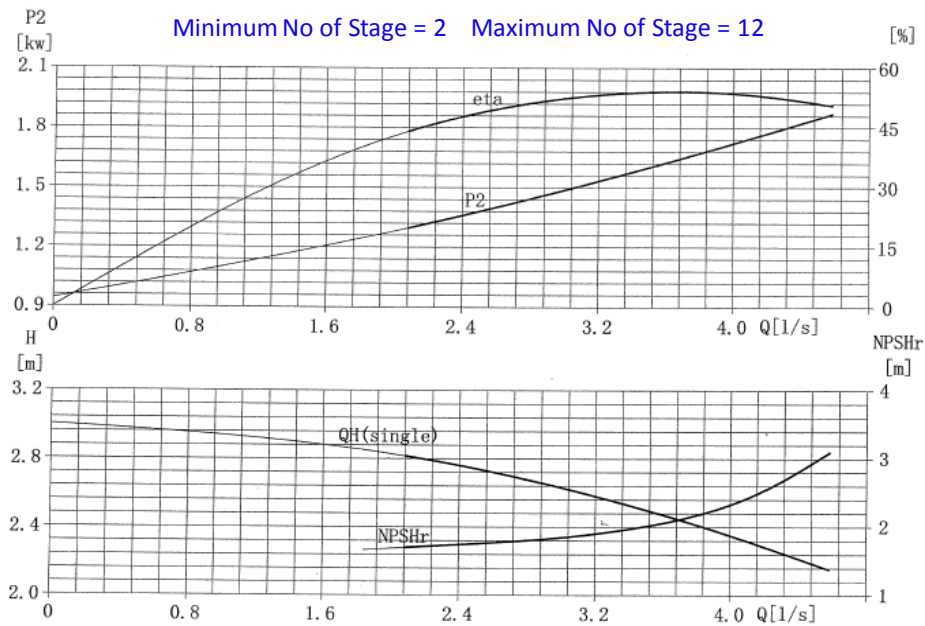
RPTS Series

Horizontal Multistage Pumps

RPTS-6-25 2950 rpm – Single Stage Curve



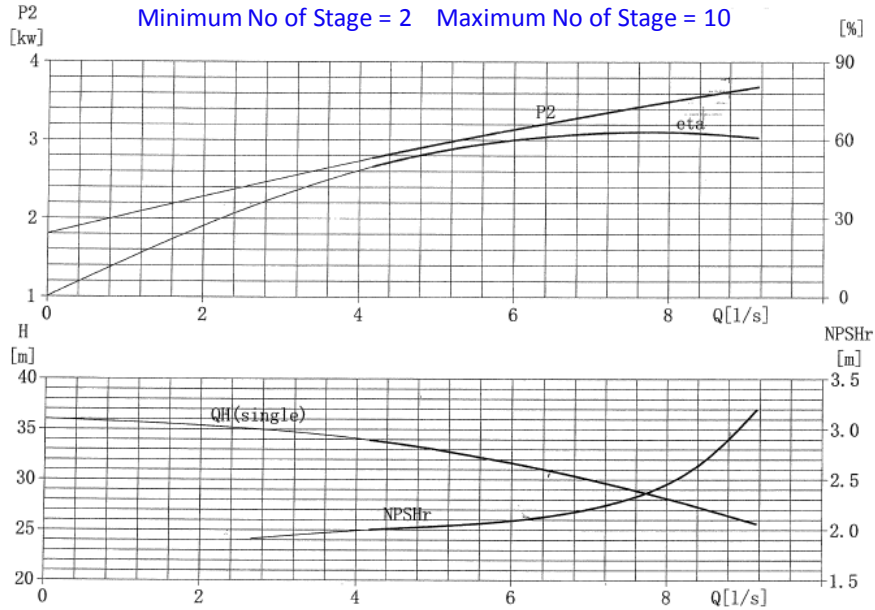
RPTS-12-25 2950 rpm – Single Stage Curve



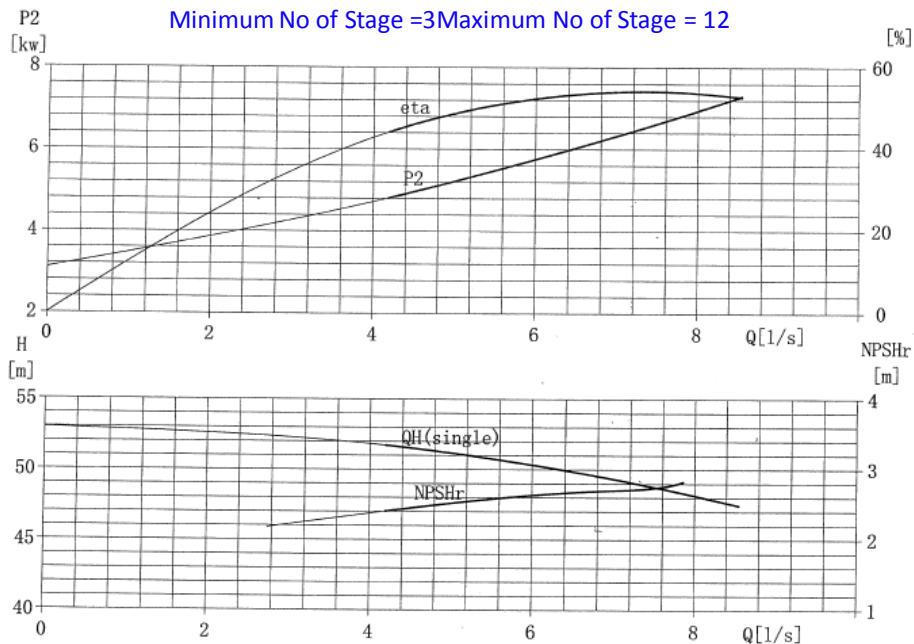
RPTS Series

Horizontal Multistage Pumps

RPTS-25-30 2950 rpm – Single Stage Curve



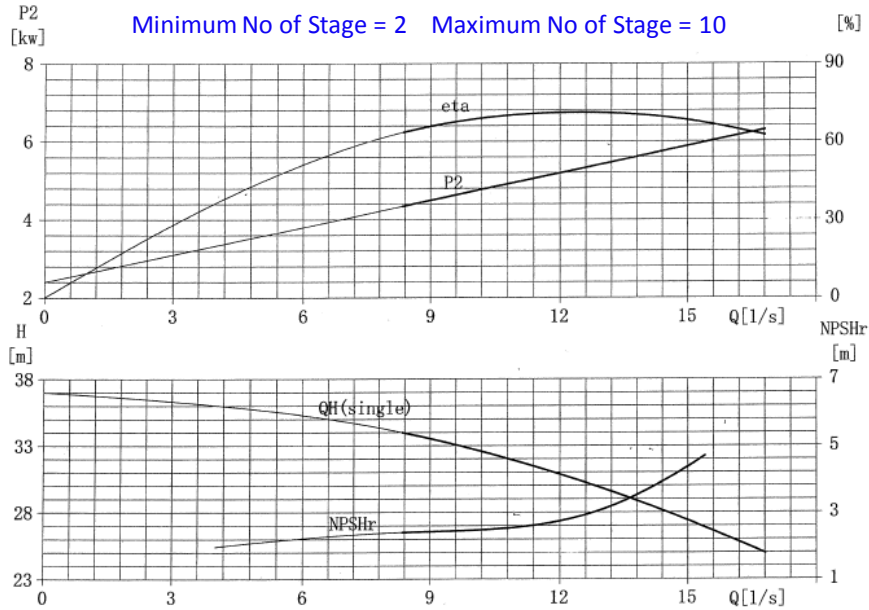
RPTS-25-50 2950 rpm – Single Stage Curve



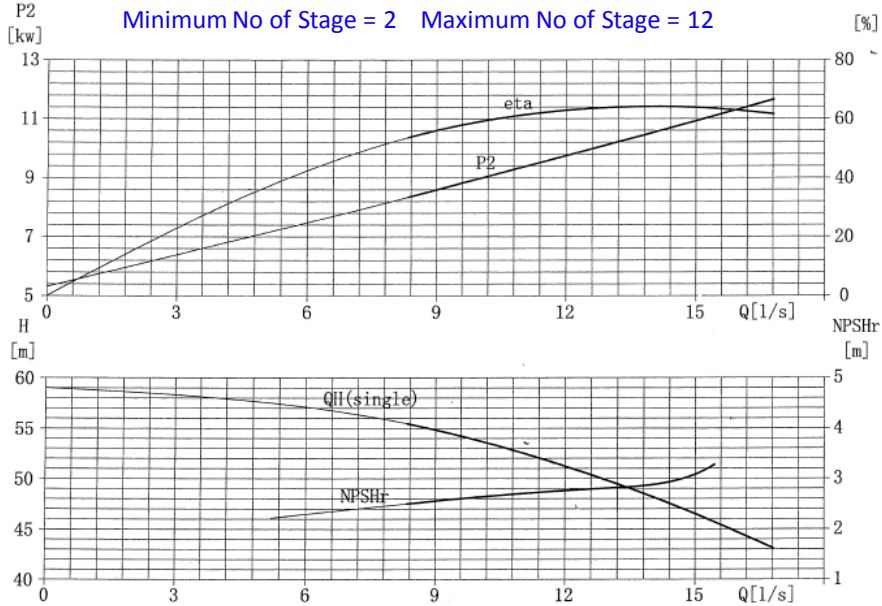
RPTS Series

Horizontal Multistage Pumps

RPTS-46-30 2950 rpm – Single Stage Curve



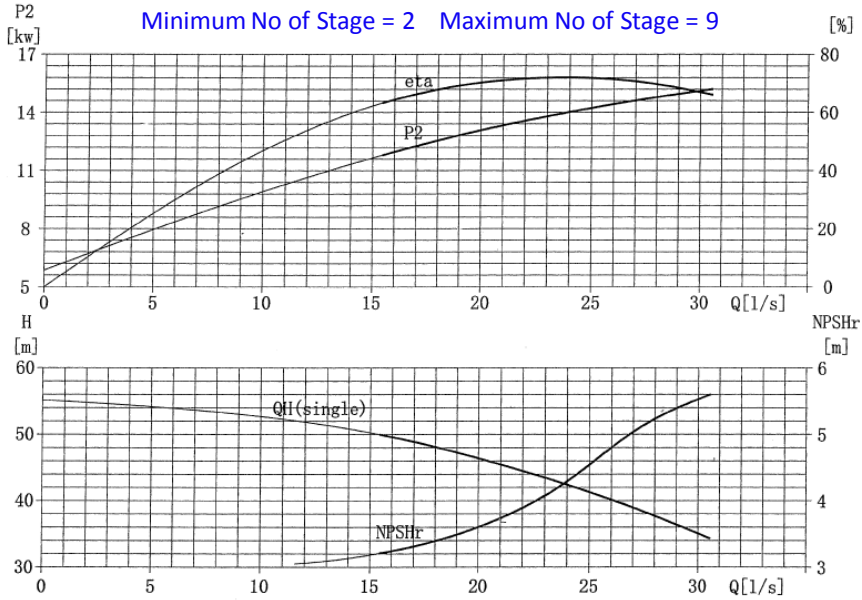
RPTS-46-50 2950 rpm – Single Stage Curve



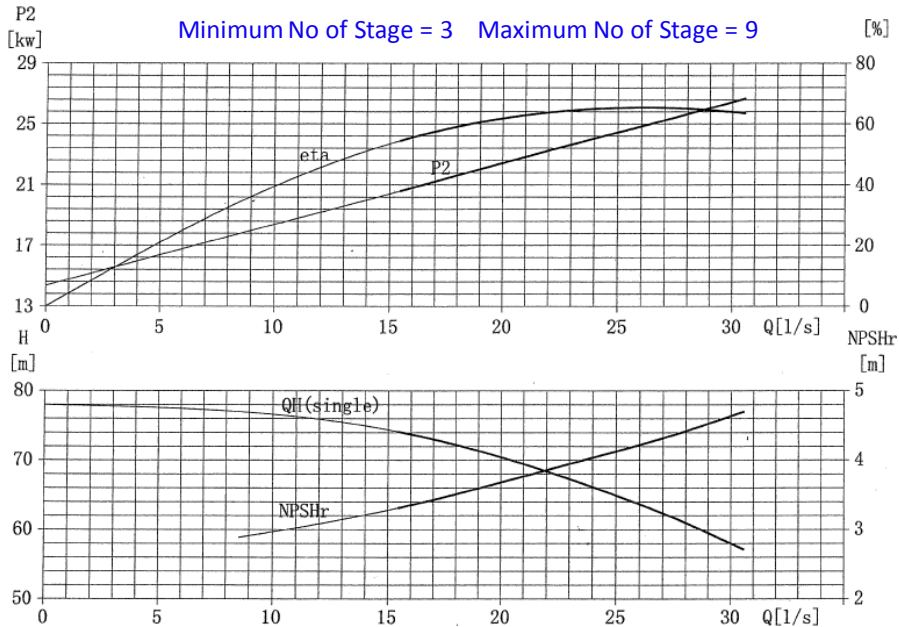
RPTS Series

Horizontal Multistage Pumps

RPTS-85-45 2950 rpm – Single Stage Curve



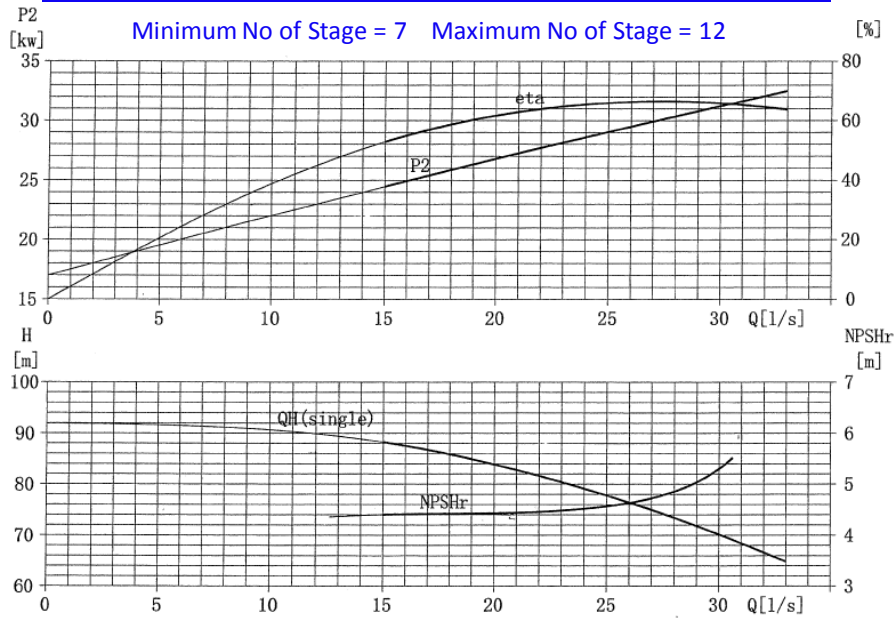
RPTS-85-67 2950 rpm – Single Stage Curve



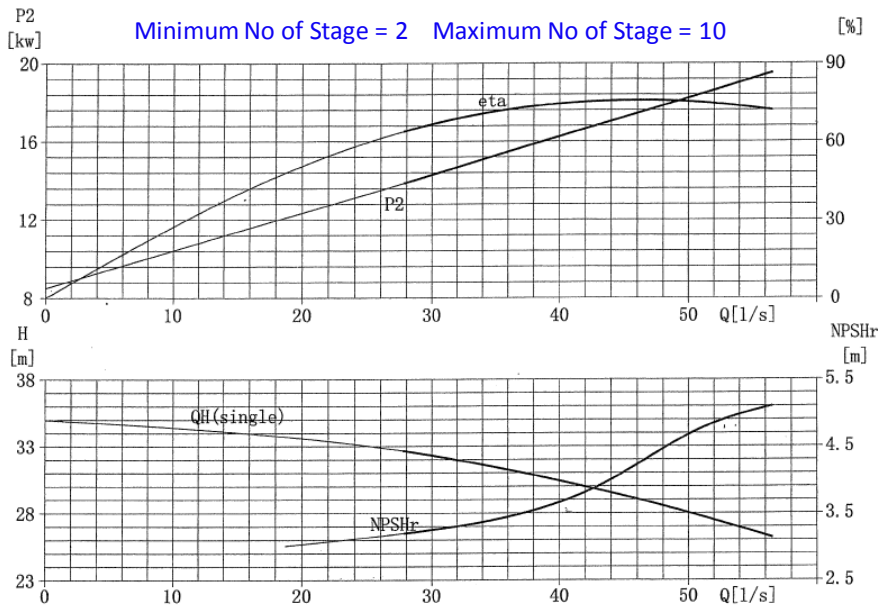
RPTS Series

Horizontal Multistage Pumps

RPTS-85-80 2950 rpm – Single Stage Curve



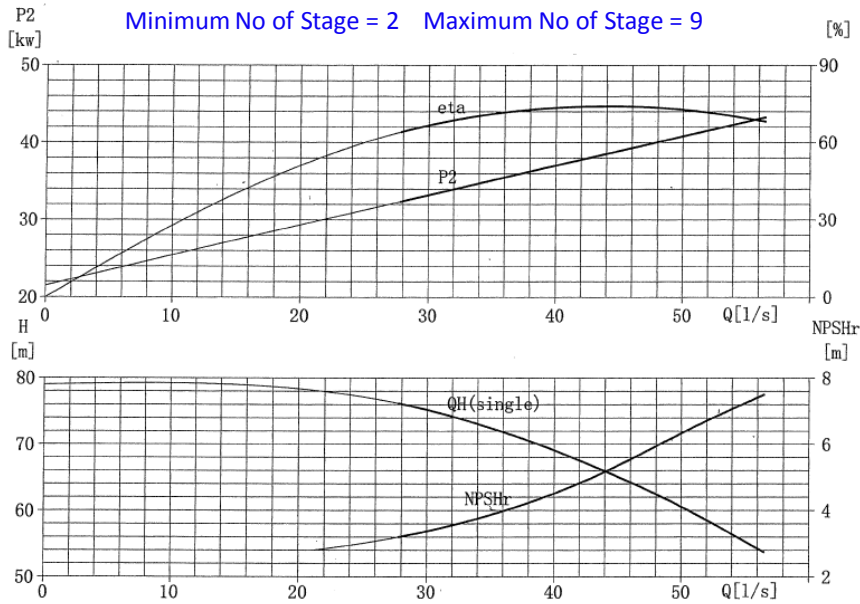
RPTS-155-30 1480 rpm – Single Stage Curve



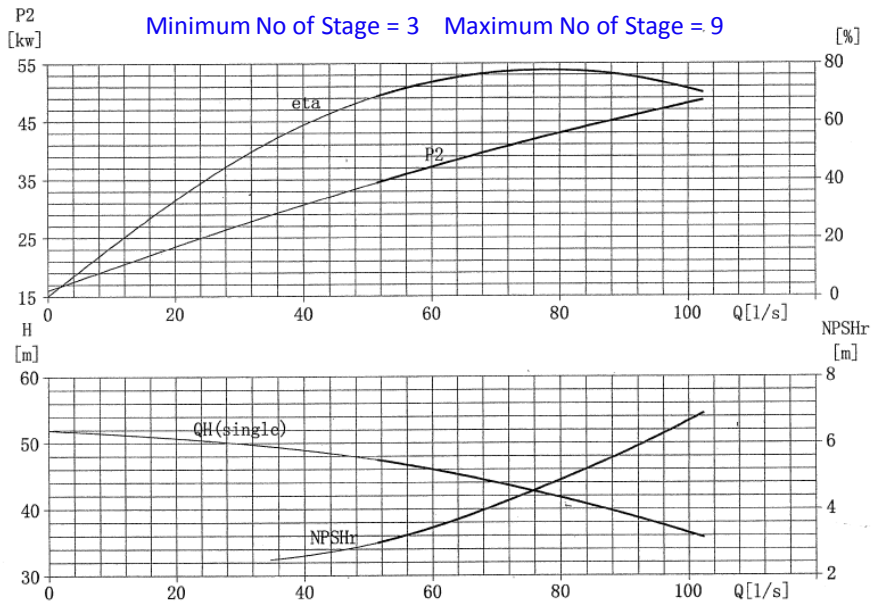
RPTS Series

Horizontal Multistage Pumps

RPTS-155-67 2950 rpm – Single Stage Curve



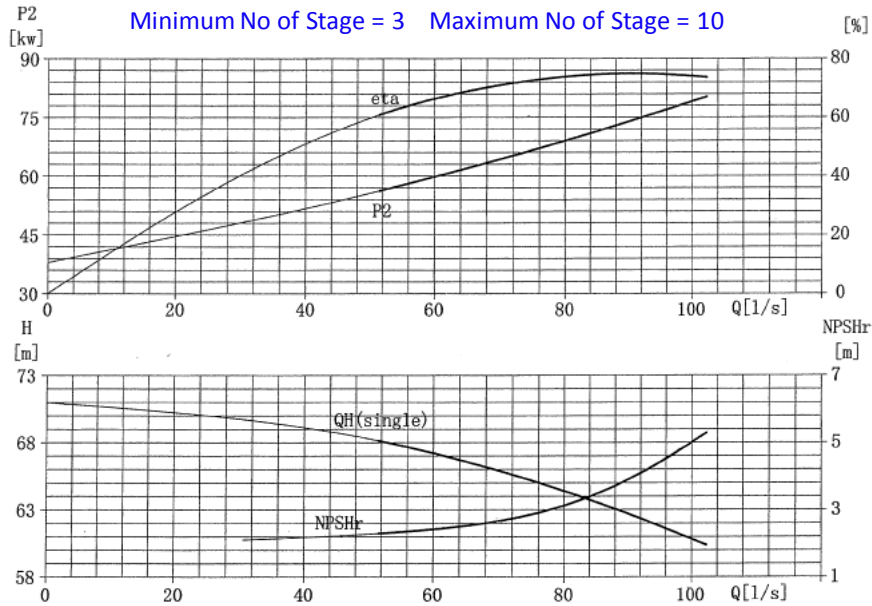
RPTS-280-43 1480 rpm – Single Stage Curve



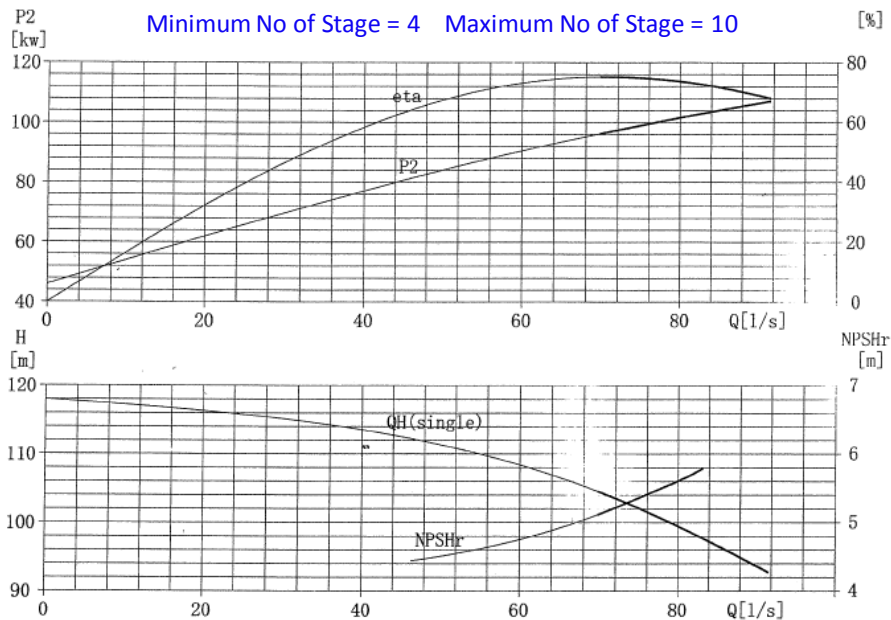
RPTS Series

Horizontal Multistage Pumps

RPTS-280-65 1480 rpm – Single Stage Curve



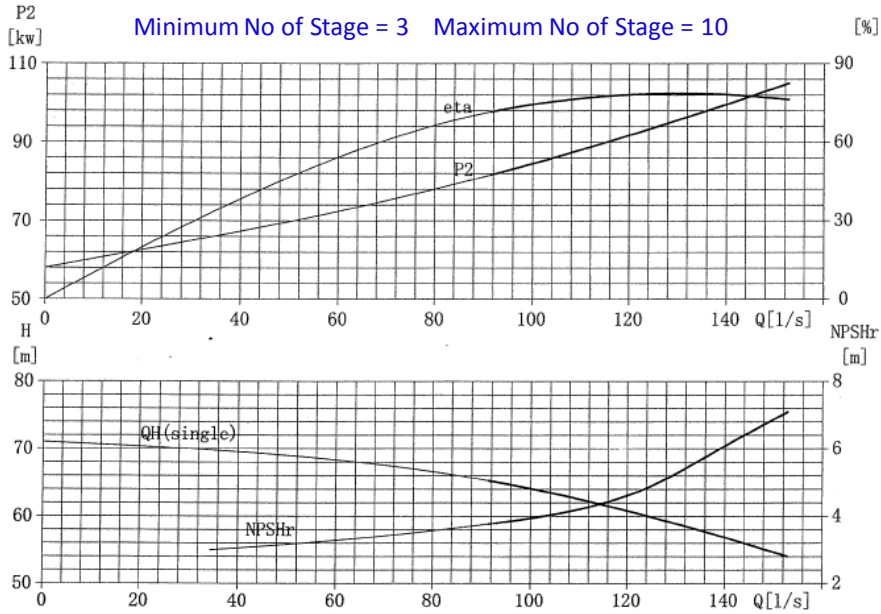
RPTS-280-100 2950 rpm – Single Stage Curve



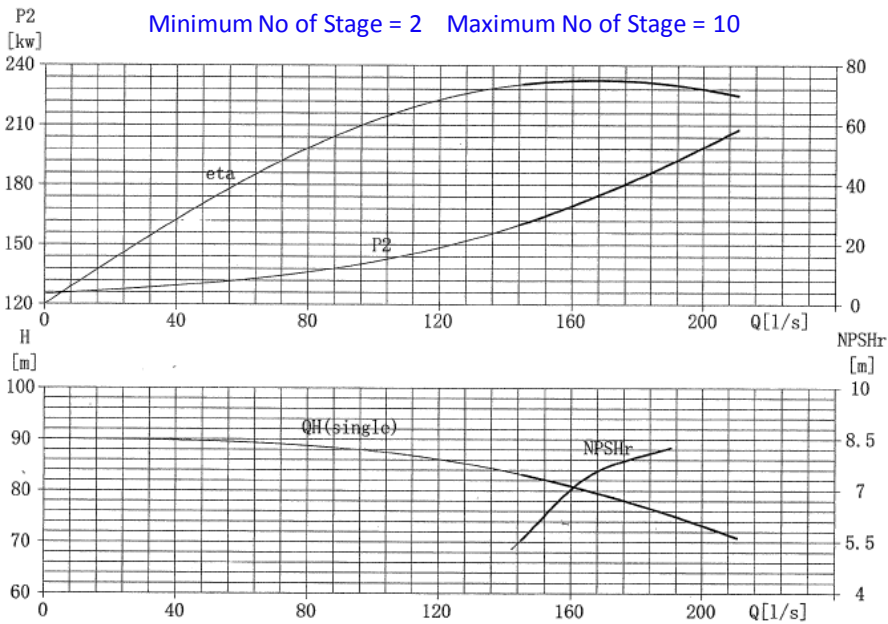
RPTS Series

Horizontal Multistage Pumps

RPTS-450-60 1480 rpm – Single Stage Curve



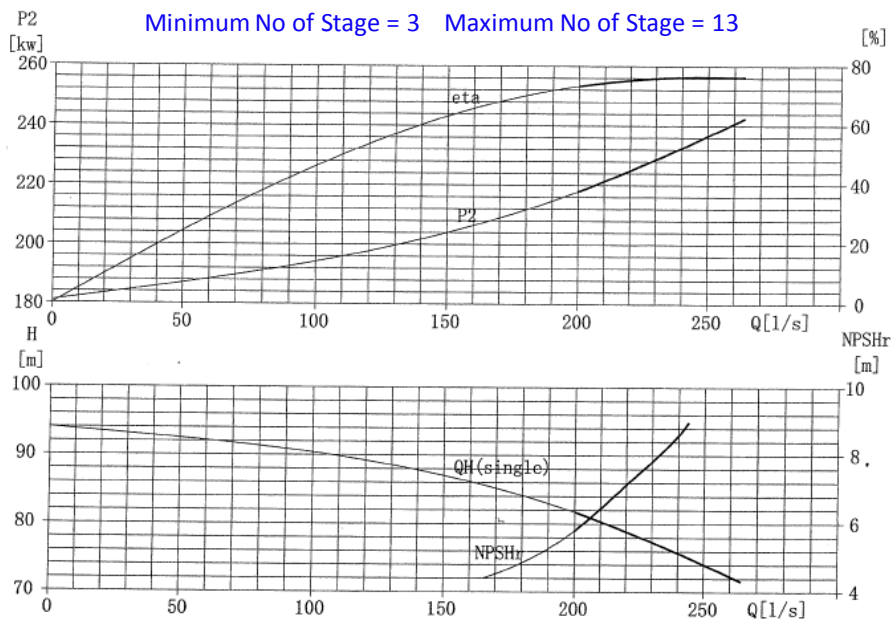
RPTS-600-80 1480 rpm – Single Stage Curve



RPTS Series

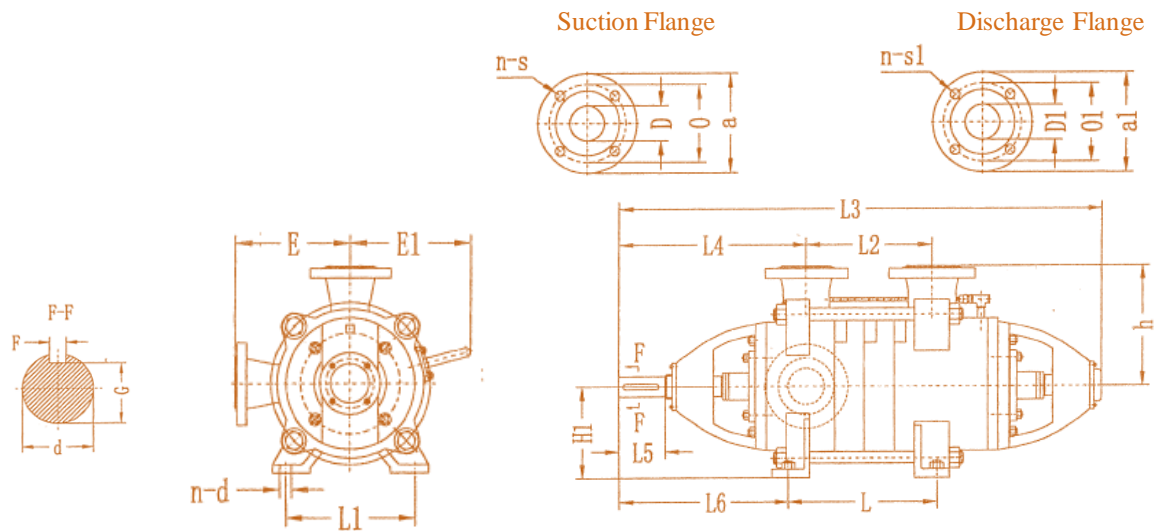
Horizontal Multistage Pumps

RPTS-800-80 1480 rpm – Single Stage Curve



RPTS Series

Horizontal Multistage Pumps



Model	D	D1	O	O1	a	a1	n-S	n-S1	L	L1	L2	L3	L4	E	n-d	H1	h	L5	d	G	F	L6	E1
RPTS-6-25/2	40	40	100	110	130	150	4xf13.5	4xf17.5	180	210	130	645	265	170	4xf14.5	150	170	62	25	21	8	265	160
RPTS-6-25/3									245		180	695											
RPTS-6-25/4									310		230	745											
RPTS-6-25/5									375		280	795											
RPTS-6-25/6									440		330	845											
RPTS-6-25/7									505		380	895											
RPTS-6-25/8									570		430	945											
RPTS-6-25/9									488		480	995											
RPTS-6-25/10									488		530	1045											
RPTS-6-25/11									488		580	1095											
RPTS-6-25/12									488		630	1145											
RPTS-12-25/2	50	40	110	110	140	150	4xf13.5	4xf17.5	180	210	130	645	265	170	4xf14.5	150	170	62	25	21	8	265	160
RPTS-12-25/3									245		180	695											
RPTS-12-25/4									310		230	745											
RPTS-12-25/5									375		280	795											
RPTS-12-25/6									440		330	845											
RPTS-12-25/7									505		380	895											
RPTS-12-25/8									570		430	945											
RPTS-12-25/9									488		480	995											
RPTS-12-25/10									488		530	1045											
RPTS-12-25/11									488		580	1095											
RPTS-12-25/12									488		630	1145											
RPTS-25-30/2	65	65	130	145	160	185	4xf17.5	4xf17.5	180	295	165	780	330	210	4xf18.5	170	210	80	30	26	8	315	200
RPTS-25-30/3									245		230	845											
RPTS-25-30/4									310		295	910											
RPTS-25-30/5									375		360	975											
RPTS-25-30/6									440		425	1040											
RPTS-25-30/7									505		490	1105											
RPTS-25-30/8									570		555	1170											
RPTS-25-30/9									635		620	1235											
RPTS-25-30/10									700		685	1300											

RPTS Series

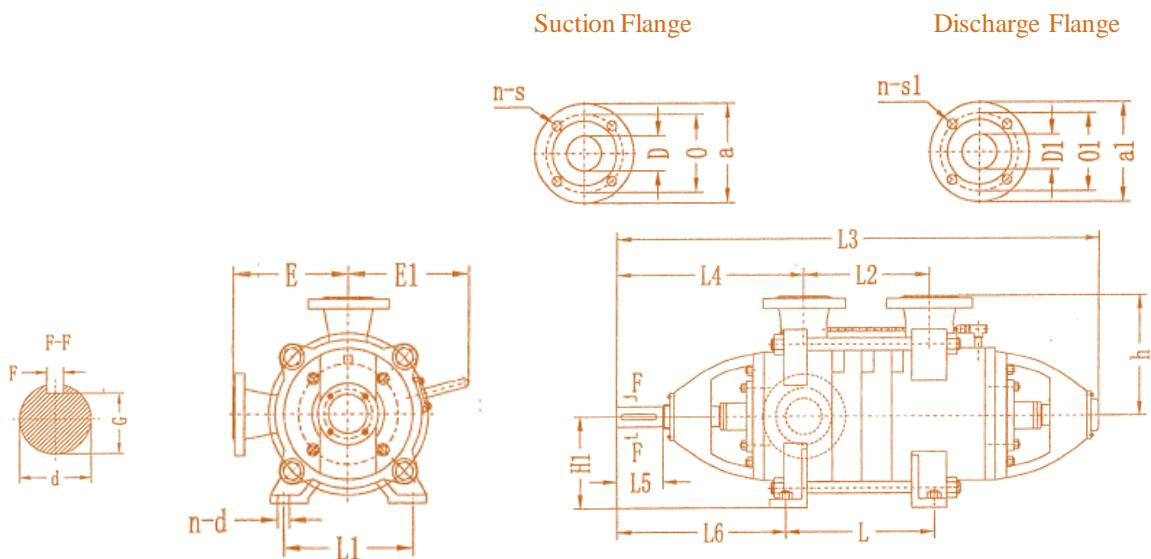
Horizontal Multistage Pumps

Model	D	D1	O	O1	a	a1	n-S	n-S1	L	L1	L2	L3	L4	E	n-d	H1	h	L5	d	G	F	L6	E1
RPTS-25-50/3	80	80	170	170	215	215	4xf22	4xf22	310	320	245	935	351	300	4xf24	210	270	88	35	30	10	321	220
RPTS-25-50/4									370		305	995											
RPTS-25-50/5									430		365	1055											
RPTS-25-50/6									490		425	1115											
RPTS-25-50/7									550		485	1175											
RPTS-25-50/8									610		545	1235											
RPTS-25-50/9									670		605	1295											
RPTS-25-50/10									730		665	1355											
RPTS-25-50/11									790		725	1430											
RPTS-25-50/12									850		785	1490											
RPTS-46-30/2	80	65	150	145	190	185	4xf17.5	4xf17.5	180	295	165	780	330	210	4xf18.5	170	210	80	30	26	8	315	200
RPTS-46-30/3									245		230	845											
RPTS-46-30/4									310		295	910											
RPTS-46-30/5									375		360	975											
RPTS-46-30/6									440		425	1040											
RPTS-46-30/7									505		490	1105											
RPTS-46-30/8									570		555	1170											
RPTS-46-30/9									635		620	1235											
RPTS-46-30/10									700		685	1300											
RPTS-46-50/2	80	80	170	170	215	215	4xf22	4xf22	250	320	185	877	353	330	4xf24	210	270	88	35	30	10	320	320
RPTS-46-50/3									310		245	937											
RPTS-46-50/4									370		305	997											
RPTS-46-50/5									430		365	1057											
RPTS-46-50/6									490		425	1117											
RPTS-46-50/7									550		485	1117											
RPTS-46-50/8									610		545	1237											
RPTS-46-50/9									670		605	1297											
RPTS-46-50/10									730		665	1357											
RPTS-46-50/11									790		725	1417											
RPTS-46-50/12									850		785	1477											
RPTS-85-45/2	100	100	170	180	210	235	4xf17.5	4xf22	249	345	203	832	326	250	4xf18.5	210	250	86	35	30	10	309	230
RPTS-85-45/3									323		277	906											
RPTS-85-45/4									397		351	980											
RPTS-85-45/5									471		425	1054											

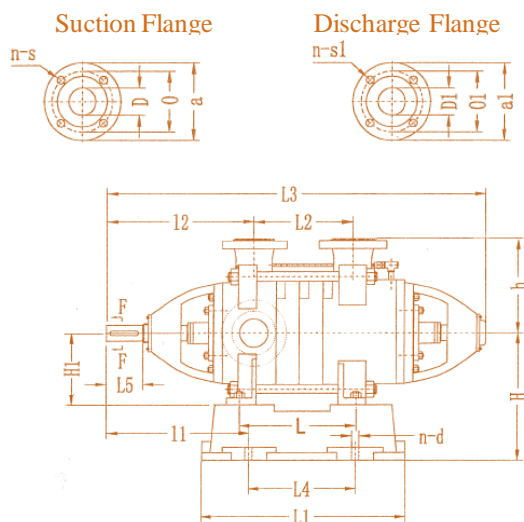
RPTS Series

Horizontal Multistage Pumps

Model	D	D1	O	O1	a	a1	n-S	n-S1	L	L1	L2	L3	L4	E	n-d	H1	h	L5	d	G	F	L6	E1
RPTS-85-67/3	150	150	280	280	345	345	8xf24	8xf24	371	400	371	1407	557	350	4xf24	280	350	110	55	49	16	557	270
RPTS-85-67/4									459		459	1495											
RPTS-85-67/5									547		547	1583											
RPTS-85-67/6									635		635	1671											
RPTS-85-67/7									723		723	1759											
RPTS-85-67/8									811		811	1847											
RPTS-85-67/9									899		899	1935											
RPTS-85-80/7	100	100	180	210	215	265	8xf18	8xf30	630	400	630	1598	490	360	4xf24	270	364.5	110	55	49	16	490	190
RPTS-85-80/8									710		710	1678											
RPTS-85-80/9									790		790	1758											
RPTS-85-80/10									870		870	1838											
RPTS-85-80/11									950		950	1918											
RPTS-85-80/12									1030		1030	1998											
RPTS-155-30/2	150	150	240	250	285	300	8xf22	8xf26	425	420	310	1131	430	350	8xf18.5	280	350	115	50	44.5	14	455	280
RPTS-155-30/3									540		425	1246											
RPTS-155-30/4									655		540	1361											
RPTS-280-100/4	200	150	360	290	430	350	12xf14	12xf34	572	550	572	1719	652	500	4xf34	360	500	160	75	68	20	652	400
RPTS-280-100/5									684		684	1831											
RPTS-280-100/6									796		796	1943											
RPTS-280-100/7									908		908	2055											
RPTS-280-100/8									1020		1020	2167											
RPTS-280-100/9									1132		1132	2279											
RPTS-280-100/10									1244		1244	2391											



Regent pumps

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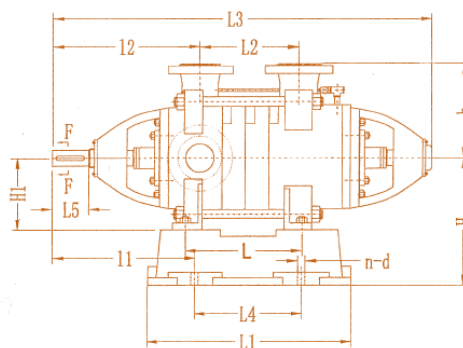
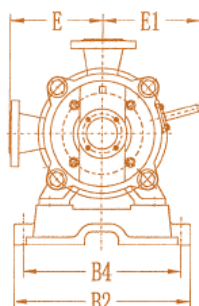
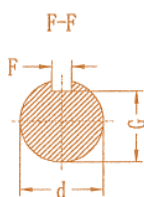
RPTS Series

Horizontal Multistage Pumps

Model	D	D1	O	O1	a	a1	n-S	n-s1	L	L1	L2	L3	L4	I1	I2	E	H	H1	h	B2	B4	n-d	L5	d	G	F	L6	E1
RPTS-450-60/3	250	250	355	400	405	470	12xf26	12xf36	508	770	574	1720	388	689	591	500	560	360	550	930	850	4xf36	170	90	81	25	629	420
RPTS-450-60/4									661	920	727	1855	541															
RPTS-450-60/5									814	1075	880	2008	694															
RPTS-450-60/6									967	1230	1033	2161	874															
RPTS-450-60/7									1120	1380	1186	2314	1000															
RPTS-450-60/8									1273	1535	1339	2467	1153															
RPTS-450-60/9									1426	1685	1492	2620	1306															
RPTS-450-60/10									1579	1840	1645	2773	1459															

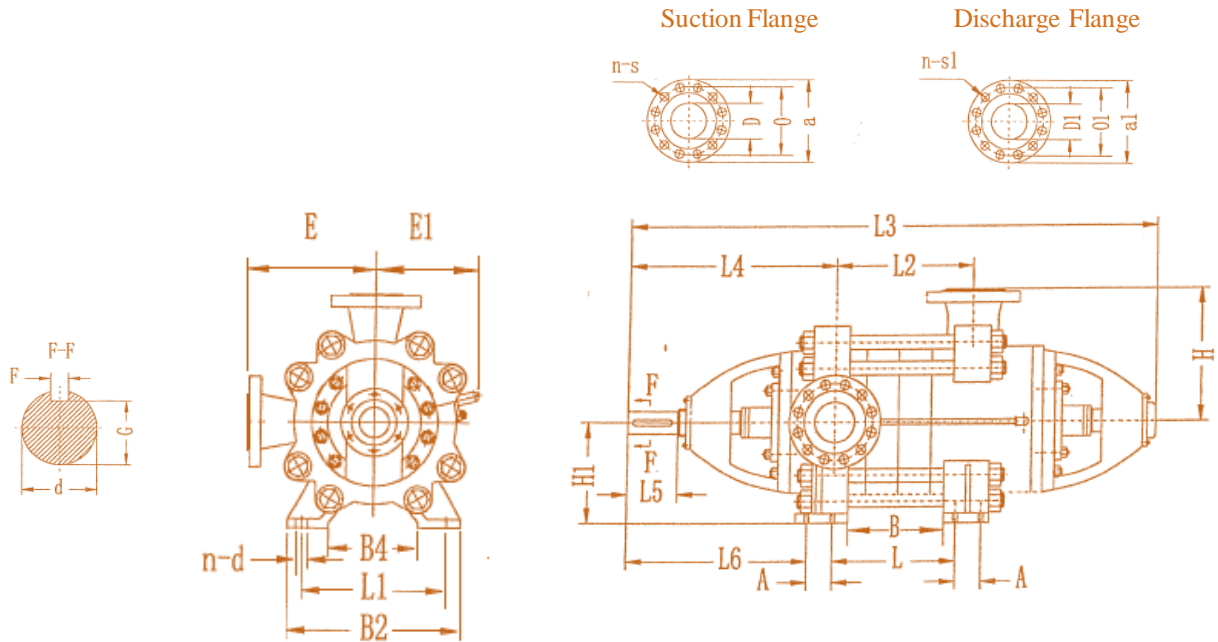
Suction Flange

Discharge Flange



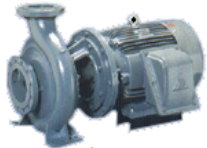
RPTS Series

Horizontal Multistage Pumps



Model	D	D1	O	O1	a	a1	n-S	n-S1	L	L1	L2	L3	L4	A	B	E	H	H1	h	B2	B4	n-d	L5	d	G	F	L6	E1
RPTS-600-80/2	300	300	410	534	460	610	12Xf26	20Xf39	298	630	535	1700	595	160	208	500	560	415	550	710	450	8Xf32	250	130	119	32	565	420
RPTS-600-80/3									476		713	1878			385													
RPTS-600-80/4									654		891	2056			565													
RPTS-600-80/5									832		1069	2234			740													
RPTS-600-80/6									1010		1247	2412			920													
RPTS-600-80/7									1188		1425	2590			1100													
RPTS-600-80/8									1366		1603	2768			1275													
RPTS-600-80/9									1544		1781	2946			1455													
RPTS-600-80/10									1722		1959	3124			1630													
RPTS-800-80/3	300	300	410	534	460	610	12Xf26	20Xf39	475	630	713	1878	595	160	385	500	560	415	550	710	450	8Xf32	250	130	119	32	565	420
RPTS-800-80/4									655		890	2055			565													
RPTS-800-80/5									830		1070	2235			740													
RPTS-800-80/6									1010		1247	2410			920													
RPTS-800-80/7									1188		1425	2590			1100													
RPTS-800-80/8									1366		1603	2768			1275													
RPTS-800-80/9									1544		1781	2946			1455													
RPTS-800-80/10									1722		1959	3124			1630													
RPTS-800-80/11									1910	660	2145	3500	745	1820	2000	530	560	435	550	750	490	8Xf32	250	140	128	36	707	420
RPTS-800-80/12									2088		2325	3675																
RPTS-800-80/13									2265		2500	3850			2175													

Other Regent Pumps Range



Dinbloc / ISObloc
Direct Coupled



Dinflow/ISOflow – Bare Shaft



Linebloc- DIN/ISO



API 610



Vertical Turbine Pump
Submersible Pump



Single stage Vertical
Sump Pump



Slurry Pump



Megaflow
Horizontal Split case



Self-Priming



Engine Drive Fire Pumps



Trailer Pump Engine Driven

Regent Pumps – Wide Ranging Applications



- ☐ Agricultural Irrigation
- ☐ Water treatment / RO System
- ☐ Mining
- ☐ Oil & Gas
- ☐ Power Station
- ☐ Marine Fire Fighting to FiFi I, II & III
- ☐ Palm Oil
- ☐ Chemical Plants
- ☐ Commercial / Industrial Buildings / Factory
- ☐ Leisure Park / Fountains
- ☐ Site Drainage
- ☐ Public Utilities Pumping Stations
- ☐ Sewage Plants
- ☐ Food Industries
- ☐ Marine – sea water pumps

✓ Quality

✓ Quick Delivery

✓ Reliability

✓ Customer Specific Need

Available From

Regent Asia Pacific Pty Ltd Australia
Projects and International Sales Division

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