

SP series submerged slurry pumps



WELL-TECH EQUIPMENT
威尔国际矿业装备

Features and Applications

Pumps of Type SP and Type SPR, the vertical centrifugal slurry pump, are submerged into solution and used to transport slurry with corrosion, coarse grain and high concentration. Without any shaft seal and shaft-seal water, it can work normally under the insufficient suction.

The pump body of Type SP is constructed of anti-friction metal, and its impeller is constructed of anti-friction metal, rubber or polyurethane.

The spare parts of Type SPR, submerged into water, are all lined with rubber and applicable of transporting corrosion slurry.

Meaning of model:

For example: 40PV-SP (or SPR)

40 - Diameter of pump outlet (mm)

PV - Tray

SP - Submerged slurry pump

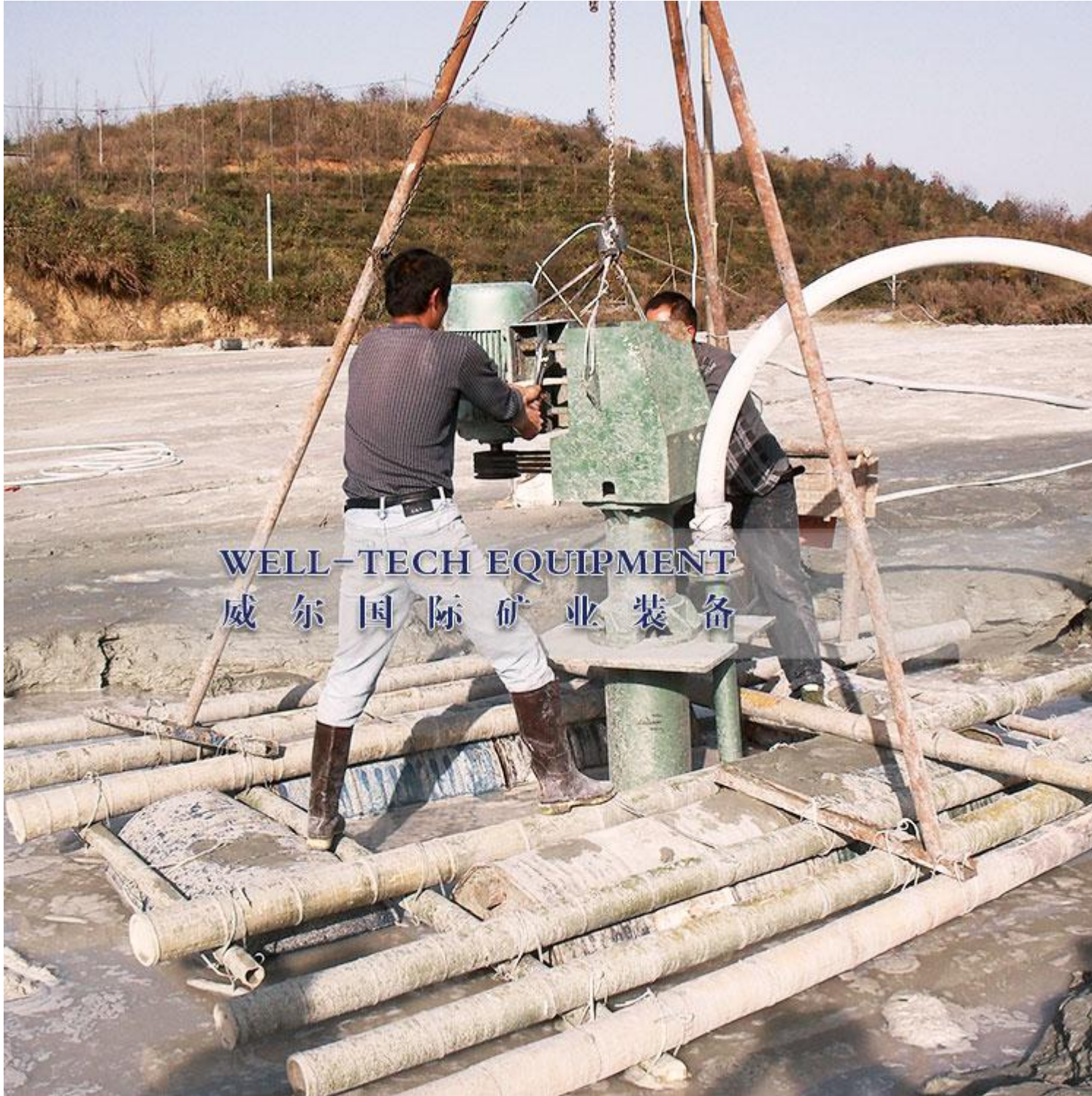
SPR - Submerged slurry pump lined with rubber

Performance table of Type SP & SPR submerged pump in clear water

Type	Allowable maximum power (kw)	Materials								Number of blades	Impeller diameter (mm)	Curve No.
		Jacket	impeller	Q		H Head (m)	Rev n r/min	Max. Efficiency $\eta\%$	NPSH (m)			
				(m ³ /h)	(l/s)							
40PV-SP	15	M	M 或 PU	19.44-43.2	5.4-12	4.5-28.5	1000-2200	40		5	188	WPA40E41
40PV-SPR		RU	RU	17.28-39.6	4.8-11	4-26	1000-2200	40		5	188	WPA40E42
65QV-SP	30	M	PU	23.4-111	6.5-30.8	5-29.5	700-1500	50		5	280	WPA65E41
65QV-SP		M	M	19.8-93.06	5.5-25.85	5-29.5	700-1500	40		4	280	WPA65E42

65QV-SP		M	M	24.3-87.12	6.75-24.2	5.5-31.5	700-1500	58		5	280	WPA65E41A
65QV-SP		M	M	24.3-114.8	6.75-31.9	5-30	700-1500	60		5	280	WPA65E45
65QV-SPR		RU	RU	22.5-105	6.25-29.15	5.5-30.5	700-1500	51		5	280	WPA65E43
65QV-SP		M	M	18.9-89.1	5.25-24.75	5-28	700-1500	35		8	290	WPA65E44
100RV-SP	75	M	PU	56.7-221.76	15.75-61.6	4.5-34.5	500-1200	56		5	370	WPA100E41
100RV-SPR		RU	PU	64.8-285	18-79.2	7.5-36	600-1200	62		5	370	WPA100E42
100RV-SP		M	M	54-289	15-80.3	5-35	500-1200	56		5	370	WPA100E43
100RV-SP		M	M	54-237.6	15-66	6-30	600-1200	40		8	390	ESY8000
150SV-SP	110	M	PU	108-479.16	30-133.1	8.5-40	500-1000	52		5	450	WPA150E41
200SV-SP	110	M	M 或 PU	189-891	52.5-247.5	6.5-37	400-850	64		5	520	WPA200E41
250TV-SP	200	M	M 或 PU	261-1089	72.5-302.5	7.5-33.5	400-750	60		5	575	WPA250E41
300TV-SP	200	M	PU	288-1267	80-352	6.5-33	350-700	50		5	610	ESY7951

Note: 1. The recommended flow range: $50\%Q \leq Q \leq 110\%Q'$. (Q is approach to the flow on the maximum efficiency point).
2. PU is polyurethane material; M is wearproof alloy material; RU is rubber material.



vertical slurry pump

