

Triple Screw pump SCMUP
پمپ سه اسکرو SCMUP

Hydraulic Design
مشخصات هیدرولیک

SIZE	Max. Flow(m3/hr)	Max. Pressure(bar)	Output(kw) up to	Max. Speed(rpm)	Weight(kg)
25	3.37	5-60	0. 6-6.2	3500	30
50	9.36	5-60	1.7-17	3500	88
65	16.8	5-60	3-30	3500	117
80	22.2	5-60	3.9-40	3500	161
100	53.5	5-60	9-97	3500	288
125	103	5-60	18 -188	2900	458
150	134	5-60	25-246	1750	720
200	213	5-60	39-390	1750	900

Mechanic Design
مشخصات مکانیک

Pump Size	Dimension(mm)				
	w1	F	L	h1	Suc/Dis. Connection D1
25	200	230	390	105	32/25
50	260	320	500	150	65/50
65	300	352	580	160	65/80
80	330	390	630	190	100/80
100	390	490	800	215	125/100
125	410	570	970	240	150/125
150	500	715	1140	265	200/150
200	600	820	1320	315	250/200

Pump Design
According to API676 last edition
Heating Jacket: Optional

Item	Qty.	Name	Description
6	1	Relief Valve	Internal or External
5	1	Mech.Seal	Single or Double or cartridge
4	1	Base Plate	Industrial or API standard
3	1	Coupling	Flexible w or w/o spacer
2	1	Motor	Squirrel cage 400v/50Hz/3ph
1	1	Pump	Triple Screw Pump Model:SCMUP

Item	Part Name	Qty.	Description
1	RELIEF VALVE	1	Casting for high pressure
2	IDLER	2	w or w/o coating
3	DRIVE SCREW	1	w or w/o coating
4	THRUST BEARING	1	Journal
5	INNER CASE	1	heat treatment
7	CASING	1	Casting
13	MECHANICAL SEAL	1	Single of Double
20	BEARING HOUSING	1	Cast Iron